

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-046**

**ACCEPT THE FINANCIAL STATEMENTS FOR JULY 2017**

WHEREAS, the Central Texas Regional Mobility Authority ("Mobility Authority") is empowered to procure such goods and services as it deems necessary to assist with its operations and to study and develop potential transportation projects, and is responsible to insure accurate financial records are maintained using sound and acceptable financial practices; and

WHEREAS, close scrutiny of the Mobility Authority's expenditures for goods and services, including those related to project development, as well as close scrutiny of the Mobility Authority's financial condition and records is the responsibility of the Board and its designees through procedures the Board may implement from time to time; and

WHEREAS, the Board has adopted policies and procedures intended to provide strong fiscal oversight and which authorize the Executive Director, working with the Mobility Authority's Chief Financial Officer, to review invoices, approve disbursements, and prepare and maintain accurate financial records and reports;

WHEREAS, the Executive Director, working with the Chief Financial Officer, has reviewed and authorized the disbursements necessary for the month of July 2017, and has caused Financial Statements to be prepared and attached to this resolution as Exhibit A; and

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors accepts the Financial Statements for July 2017, attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
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Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkenson  
Chairman, Board of Directors

**Exhibit A**

**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>REVENUE</b>				
<b>Operating Revenue</b>				
Toll Revenue - Tags	61,069,539	5,134,427	8.41%	4,231,097
Video Tolls	14,377,753	1,177,846	8.19%	1,184,646
Fee Revenue	6,022,247	364,265	6.05%	465,538
<b>Total Operating Revenue</b>	<b>81,469,539</b>	<b>6,676,539</b>	<b>8.20%</b>	<b>5,881,281</b>
<b>Other Revenue</b>				
Interest Income	950,000	173,836	18.30%	40,609
Grant Revenue	720,000	-	-	-
Reimbursed Expenditures	314,280	-	-	-
Misc Revenue	5,500	-	-	-
<b>Total Other Revenue</b>	<b>1,989,780</b>	<b>173,836</b>	<b>8.74%</b>	<b>40,609</b>
<b>TOTAL REVENUE</b>	<b>\$83,459,319</b>	<b>\$6,850,374</b>	<b>8.21%</b>	<b>5,921,890</b>
<b>EXPENSES</b>				
<b>Salaries and Benefits</b>				
Salary Expense-Regular	3,520,456	250,297	7.11%	232,904
Salary Reserve	80,000	-	-	-
TCDRS	515,649	35,160	6.82%	32,981
FICA	165,251	12,090	7.32%	11,272
FICA MED	55,277	3,576	6.47%	3,375
Health Insurance Expense	396,258	28,068	7.08%	43,569
Life Insurance Expense	32,942	310	0.94%	346
Auto Allowance Expense	10,200	850	8.33%	850
Other Benefits	153,197	6,197	4.05%	8,236
Unemployment Taxes	19,950	3	0.01%	-
<b>Total Salaries and Benefits</b>	<b>4,949,181</b>	<b>336,550</b>	<b>6.80%</b>	<b>333,532</b>

**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>Administrative</b>				
<b>Administrative and Office Expenses</b>				
Accounting	10,000	557	5.57%	775
Auditing	100,000	-	-	-
Human Resources	15,000	-	-	1,396
IT Services	103,500	595	0.57%	595
Internet	4,125	11	0.26%	182
Software Licenses	49,800	9,563	19.20%	5,904
Cell Phones	18,500	281	1.52%	649
Local Telephone Service	2,000	1,220	61.02%	1,211
Overnight Delivery Services	850	-	-	-
Local Delivery Services	600	-	-	-
Copy Machine	17,000	1,186	6.97%	1,498
Repair & Maintenance-General	2,500	-	-	-
Community Meeting/ Events	2,000	-	-	-
Meeting Expense	15,000	339	2.26%	1,068
Public Notices	100	-	-	-
Toll Tag Expense	3,150	150	4.76%	120
Parking	4,200	16	0.38%	22
Mileage Reimbursement	11,200	553	4.94%	141
Insurance Expense	150,000	12,321	8.21%	11,921
Rent Expense	515,000	43,044	8.36%	35,466
Legal Services	288,000	-	-	-
<b>Total Administrative and Office Expenses</b>	<b>1,312,525</b>	<b>69,835</b>	<b>5.32%</b>	<b>60,949</b>
<b>Office Supplies</b>				
Books & Publications	6,000	314	5.23%	-
Office Supplies	19,900	519	2.61%	412
Computer Supplies	46,800	7	0.01%	1,712
Copy Supplies	1,000	48	4.75%	-
Other Reports-Printing	8,000	-	-	430
Office Supplies-Printed	1,000	-	-	-
Misc Materials & Supplies	2,750	-	-	965
Postage Expense	900	26	2.93%	77
<b>Total Office Supplies</b>	<b>86,350</b>	<b>913</b>	<b>1.06%</b>	<b>3,597</b>



**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>Communications and Public Relations</b>				
Graphic Design Services	35,000	-	-	-
Website Maintenance	130,000	-	-	280
Research Services	110,000	-	-	-
Communications and Marketing	400,000	-	-	-
Advertising Expense	330,000	591	0.18%	-
Direct Mail	10,000	-	-	-
Video Production	31,000	-	-	-
Photography	11,000	-	-	-
Radio	10,000	-	-	-
Other Public Relations	20,000	-	-	-
Promotional Items	20,000	-	-	-
Displays	5,000	-	-	-
Direct Mail Printing	6,500	-	-	-
Other Communication Expenses	50,500	812	1.61%	316
<b>Total Communications and Public Relations</b>	<b>1,169,000</b>	<b>1,403</b>	<b>0.12%</b>	<b>595</b>
<b>Employee Development</b>				
Subscriptions	3,200	-	-	150
Memberships	51,250	-	-	1,725
Continuing Education	10,500	259	2.47%	-
Professional Development	4,000	-	-	-
Other Licenses	1,750	-	-	-
Seminars and Conferences	42,500	5,030	11.84%	-
Travel	97,000	645	0.67%	3,651
<b>Total Employee Development</b>	<b>210,200</b>	<b>5,934</b>	<b>2.82%</b>	<b>5,526</b>
<b>Financing and Banking Fees</b>				
Trustee Fees	30,000	-	-	-
Bank Fee Expense	6,500	551	8.47%	540
Continuing Disclosure	10,000	-	-	-
Arbitrage Rebate Calculation	8,000	-	-	-
Rating Agency Expense	30,000	15,500	51.67%	15,000
<b>Total Financing and Banking Fees</b>	<b>84,500</b>	<b>16,051</b>	<b>19.00%</b>	<b>15,540</b>
<b>Total Administrative</b>	<b>2,862,575</b>	<b>94,136</b>	<b>3.29%</b>	<b>86,206</b>

**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>Operations and Maintenance</b>				
<b>Operations and Maintenance Consulting</b>				
GEC-Trust Indenture Support	155,000	-	-	-
GEC-Financial Planning Support	50,000	-	-	-
GEC-Toll Ops Support	20,000	-	-	-
GEC-Roadway Ops Support	410,000	-	-	-
GEC-Technology Support	60,000	-	-	-
GEC-Public Information Support	-	-	-	-
GEC-General Support	800,000	-	-	-
General System Consultant	170,000	-	-	-
Traffic and Revenue Consultant	95,000	-	-	-
<b>Total Operations and Maintenance Consulting</b>	<b>1,760,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Roadway Operations and Maintenance</b>				
Roadway Maintenance	5,007,401	-	-	-
Landscape Maintenance	2,500	-	-	-
Signal & Illumination Maint	5,000	-	-	-
Maintenance Supplies-Roadway	5,500	-	-	367
Tools & Equipment Expense	1,000	-	-	-
Gasoline	13,700	1,077	7.86%	522
Repair & Maintenance-Vehicles	5,000	233	4.67%	226
Electricity - Roadways	200,000	6,789	3.39%	4,784
<b>Total Roadway Operations and Maintenance</b>	<b>5,240,101</b>	<b>8,100</b>	<b>0.15%</b>	<b>5,899</b>
<b>Toll Processing and Collection Expense</b>				
Image Processing	1,563,594	94,803	6.06%	108,164
Tag Collection Fees	4,100,826	347,104	8.46%	36,487
Court Enforcement Costs	40,000	1,350	3.38%	-
DMV Lookup Fees	1,000	88	8.78%	7
<b>Total Processing and Collection Expense</b>	<b>5,705,420</b>	<b>443,345</b>	<b>7.77%</b>	<b>144,657</b>

**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>Toll Operations Expense</b>				
Generator Fuel	5,000	-	-	19
Fire and Burglar Alarm	500	-	-	-
Refuse	1,700	70	4.13%	135
Telecommunications	120,000	-	-	6,633
Water	22,000	126	0.57%	738
Electricity	2,500	136	5.44%	-
ETC spare parts expense	20,000	-	-	-
Repair & Maintenance Toll Equip	5,000	-	-	-
Law Enforcement	275,000	22,857	8.31%	-
ETC Maintenance Contract	1,755,098	-	-	-
ETC Toll Management Center System Operation	294,588	-	-	-
ETC Development	500,000	-	-	-
ETC Testing	25,000	-	-	-
<b>Total Toll Operations Expense</b>	<b>3,026,386</b>	<b>23,189</b>	<b>0.77%</b>	<b>7,526</b>
<b>Total Operations and Maintenance</b>	<b>15,731,907</b>	<b>474,634</b>	<b>3.02%</b>	<b>158,082</b>
<b>Other Expenses</b>				
<b>Special Projects and Contingencies</b>				
HERO	720,000	-	-	-
Special Projects	113,000	-	-	-
Other Contractual Svcs	2,430,600	-	-	-
Contingency	250,000	-	-	-
<b>Total Special Projects and Contingencies</b>	<b>3,513,600</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Central Texas Regional Mobility Authority**  
**Income Statement**  
**For the Period Ending July 31, 2017**

	Budget Amount FY 2018	Actual Year to Date	Percent of Budget	Actual Prior Year to Date
<b>Non Cash Expenses</b>				
Amortization Expense	385,000	41,906	10.88%	31,936
Amort Expense - Refund Savings	1,034,000	86,098	8.33%	85,655
Dep Exp- Furniture & Fixtures	2,620	218	8.31%	184
Dep Expense - Equipment	16,050	1,336	8.32%	808
Dep Expense - Autos & Trucks	19,312	1,390	7.20%	534
Dep Expense-Buildng & Toll Fac	177,115	14,760	8.33%	14,760
Dep Expense-Highways & Bridges	18,048,333	1,466,708	8.13%	1,454,636
Dep Expense-Communic Equip	196,115	-	-	16,343
Dep Expense-Toll Equipment	2,756,238	198,957	7.22%	229,686
Dep Expense - Signs	325,900	27,158	8.33%	27,158
Dep Expense-Land Improvemts	884,934	73,745	8.33%	73,745
Depreciation Expense-Computers	13,210	1,101	8.33%	1,350
<b>Total Non Cash Expenses</b>	<b>23,858,827</b>	<b>1,913,374</b>	<b>8.02%</b>	<b>1,936,794</b>
<b>Total Other Expenses</b>	<b>27,372,427</b>	<b>1,913,374</b>	<b>6.99%</b>	<b>1,936,794</b>
<b>Non Operating Expenses</b>				
Bond issuance expense	1,450,000	18,896	1.30%	28,396
Interest Expense	38,074,354	2,611,714	6.86%	2,987,033
Community Initiatives	100,000	-	-	5,000
<b>Total Non Operating Expenses</b>	<b>39,624,354</b>	<b>2,630,610</b>	<b>6.64%</b>	<b>3,020,429</b>
<b>TOTAL EXPENSES</b>	<b>\$90,540,444</b>	<b>\$5,449,304</b>	<b>6.02%</b>	<b>\$5,535,044</b>
<b>Net Income</b>	<b>(\$7,081,125)</b>	<b>\$1,401,070</b>		<b>386,846</b>

**Central Texas Regional Mobility Authority**  
**Balance Sheet**  
**as of July 31, 2017**

	as of 07/31/2017		as of 07/31/2016	
<b>ASSETS</b>				
<b>Current Assets</b>				
<b>Cash</b>				
Regions Operating Account	\$ 212,411		\$ 230,507	
Cash in TexStar	606,519		682,918	
Regions Payroll Account	50,935		140,238	
<b>Restricted Cash</b>				
Goldman Sachs FSGF 465	196,387,123		306,951,245	
Restricted Cash - TexSTAR	167,361,876		17,429,634	
Overpayments account	169,549		127,620	
<b>Total Cash and Cash Equivalents</b>		<b>364,788,413</b>		<b>325,562,163</b>
<b>Accounts Receivable</b>				
Accounts Receivable	-		14,485	
Due From Other Agencies	2,885		-	
Due From TTA	2,851,417		555,605	
Due From NTTA	721,322		479,209	
Due From HCTRA	1,013,479		439,434	
Due From TxDOT	11,976,216		81,651,376	
Interest Receivable	354,435		585,864	
<b>Total Receivables</b>		<b>16,919,755</b>		<b>83,725,973</b>
<b>Short Term Investments</b>				
Agencies	100,550,389		207,374,223	
<b>Total Short Term Investments</b>		<b>100,550,389</b>		<b>207,374,223</b>
<b>Total Current Assets</b>		<b>482,258,558</b>		<b>616,662,358</b>
<b>Total Construction in Progress</b>		<b>557,334,003</b>		<b>339,881,226</b>
<b>Fixed Assets (Net of Depreciation and Amortization)</b>				
Computer	25,465		38,921	
Computer Software	1,328,348		1,114,504	
Furniture and Fixtures	15,028		14,900	
Equipment	(3,857)		12,172	
Autos and Trucks	75,637		20,286	
Buildings and Toll Facilities	5,275,779		5,452,894	
Highways and Bridges	763,052,949		611,052,617	
Communication Equipment	38,649		202,079	
Toll Equipment	15,791,038		17,027,008	
Signs	10,903,305		11,229,198	
Land Improvements	10,550,194		11,435,128	
Right of way	88,148,106		86,849,829	
Leasehold Improvements	147,299		160,283	
<b>Total Fixed Assets</b>		<b>895,347,942</b>		<b>744,609,819</b>
<b>Other Assets</b>				
Intangible Assets-Net	104,441,441		86,074,273	
2005 Bond Insurance Costs	4,483,673		4,697,181	
Prepaid Insurance	25,678		23,261	
Deferred Outflows (pension related)	711,563		780,064	
Pension Asset	355,139		202,023	
<b>Total Other Assets</b>		<b>110,017,494</b>		<b>91,776,802</b>
<b>Total Assets</b>		<b>\$ 2,044,957,997</b>		<b>\$ 1,792,930,206</b>

**Central Texas Regional Mobility Authority**  
**Balance Sheet**  
**as of July 31, 2017**

	as of 07/31/2017	as of 07/31/2016
<b>LIABILITIES</b>		
<b>Current Liabilities</b>		
Accounts Payable	\$ 19,389,517	\$ 13,800,283
Construction Payable	18,612	528,883
Overpayments	172,148	129,910
Interest Payable	4,331,721	4,716,446
TCDRS Payable	54,717	50,208
Medical Reimbursement Payable	1,735	1,560
Due to other Agencies	176	-
Due to TTA	339,417	-
Due to NTTA	86,338	-
Due to HCTRA	65,102	-
Due to Other Entities	6,061,542	787,562
71E TxDOT Obligation - ST	650,998	-
<b>Total Current Liabilities</b>	<b>31,172,022</b>	<b>20,014,852</b>
<b>Long Term Liabilities</b>		
Compensated Absences	182,441	138,927
Deferred Inflows (pension related)	286,449	172,017
<b>Long Term Payables</b>	<b>468,891</b>	<b>310,944</b>
<b>Bonds Payable</b>		
<b>Senior Lien Revenue Bonds:</b>		
Senior Lien Revenue Bonds 2010	69,268,845	64,909,398
Senior Lien Revenue Bonds 2011	14,574,030	13,645,020
Senior Refunding Bonds 2013	143,685,000	147,880,000
Senior Lien Revenue Bonds 2015	298,790,000	298,790,000
Senior Lien Put Bnd 2015	68,785,000	68,785,000
Senior Lien Refunding Revenue Bonds 2016	358,030,000	358,030,000
Sn Lien Rev Bnd Prem/Disc 2013	9,864,675	11,878,113
Sn Lien Revenue Bnd Prem 2015	21,874,145	23,070,650
Sn Lien Put Bnd Prem 2015	5,434,186	7,297,940
Senior lien premium 2016 revenue bonds	55,657,863	59,969,947
<b>Total Senior Lien Revenue Bonds</b>	<b>1,045,963,743</b>	<b>1,054,256,068</b>
<b>Sub Lien Revenue Bonds:</b>		
Subordinated Lien Bond 2011	-	70,000,000
Sub Refunding Bnds 2013	101,530,000	102,030,000
Sub Debt Refunding Bonds 2016	74,690,000	-
Sub Lien Bond 2011 Prem/Disc	-	(1,682,895)
Sub Refunding 2013 Prem/Disc	2,283,808	2,773,687
Sub Refunding 2016 Prem/Disc	9,951,600	-
<b>Total Sub Lien Revenue Bonds</b>	<b>188,455,408</b>	<b>173,120,792</b>
<b>Other Obligations</b>		
TIFIA note 2015	52,666	51,262
SIB loan 2015	30,620,628	12,471,705
State Highway Fund Loan 2015	30,620,628	12,471,705
2013 American Bank Loan	3,570,000	5,300,000
71E TxDOT Obligation - LT	65,000,000	-
<b>Total Other Obligations</b>	<b>129,863,921</b>	<b>30,294,672</b>
<b>Total Long Term Liabilities</b>	<b>1,364,751,963</b>	<b>1,257,982,476</b>
<b>Total Liabilities</b>	<b>1,395,923,985</b>	<b>1,277,997,328</b>
<b>NET ASSETS</b>		
Contributed Capital	136,725,550	35,847,060
Net Assets Beginning	510,907,392	478,698,971
Current Year Operations	1,401,070	386,846
<b>Total Net Assets</b>	<b>649,034,012</b>	<b>514,932,877</b>
<b>Total Liabilities and Net Assets</b>	<b>\$ 2,044,957,997</b>	<b>\$ 1,792,930,206</b>

**Central Texas Regional Mobility Authority**  
**Statement of Cash Flow**  
**as of July 31, 2017**

**Cash flows from operating activities:**

Receipts from toll fees	\$	5,188,038
Receipts from other fees		-
Receipts from interest income		(28,906)
Payments to vendors		(2,712,989)
Payments to employees		(336,743)
Net cash flows provided by (used in) operating activities		2,109,400

**Cash flows from capital and related financing activities:**

Proceeds from notes payable		203,684
Refunding of bonds		211,332
Receipts from Department of Transportation		2,007,687
Payments on interest		(26,105,898)
Acquisition of capital assets		(43,707)
Acquisitions of construction in progress		(10,187,196)
Net cash flows provided by (used in) capital and related financing activities		(33,914,099)

**Cash flows from investing activities:**

Interest income		352,349
Purchase of investments		(3,473,330)
Proceeds from sale or maturity of investments		30,484,926
Net cash flows provided by (used in) investing activities		27,363,945
Net increase (decrease) in cash and cash equivalents		(4,440,754)

Cash and cash equivalents at beginning of period		201,260,772
Cash and cash equivalents at end of June	\$	196,820,018

**Reconciliation of change in net assets to net cash provided by operating activities:**

Operating income	\$	3,943,943
Adjustments to reconcile change in net assets to net cash provided by operating activities:		
Depreciation and amortization		1,827,276
Changes in assets and liabilities:		
(Increase) decrease in accounts receivable		(1,515,098)
(Increase) decrease in prepaid expenses and other assets		12,321
(Decrease) increase in accounts payable		(1,893,740)
Increase (decrease) in accrued expenses		(265,302)
Total adjustments		(1,834,543)
Net cash flows provided by (used in) operating activities	\$	2,109,400

**Reconciliation of cash and cash equivalents:**

Unrestricted cash and cash equivalents	\$	432,895
Restricted cash and cash equivalents		196,387,123
Total	\$	196,820,018

**INVESTMENTS by FUND**

		Balance July 31, 2017		
Renewal & Replacement Fund				
TexSTAR	506,588.75		TexSTAR	167,968,394.81
Goldman Sachs	189,041.76		Goldman Sachs	196,316,077.22
Agencies		695,630.51	Agencies & Treasury Notes	<u>100,550,000.80</u>
Grant Fund				\$ 464,834,472.83
TexSTAR	9,116,567.32			
Goldman Sachs	476,350.16			
Agencies		9,592,917.48		
Senior Debt Service Reserve Fund				
TexSTAR	15,069,135.29			
Goldman Sachs	25,249,668.93			
Agencies	39,922,095.88	80,240,900.10		
2010 Senior Lien DSF				
Goldman Sachs	161,720.04			
TexSTAR	-	161,720.04		
2011 Debt Service Acct				
Goldman Sachs	752,961.18	752,961.18		
2013 Sr Debt Service Acct				
Goldman Sachs	2,823,024.95	2,823,024.95		
2013 Sub Debt Service Account				
Goldman Sachs	1,010,581.63	6,040,102.04		
TexSTAR	5,029,520.41			
2015 Sr Capitalized Interest				
Goldman Sachs	3,148,078.12	53,422,835.07		
TexSTAR	50,274,756.95			
2015A Debt Service Account				
Goldman Sachs	3.30	3.30		
2015B Debt Service Account				
Goldman Sachs	288,988.69	288,988.69		
2016 Sr Lien Rev Refunding Debt Service Account				
Goldman Sachs	4,389,466.70	4,389,466.70		
2016 Sub Lien Rev Refunding Debt Service Account				
Goldman Sachs	508,360.72	5,504,194.05		
Agencies	4,995,833.33			
2016 Sub Lein Rev Refunding DSR				
Goldman Sachs	1,654,901.61	1,654,901.61		
Operating Fund				
TexSTAR	606,518.61			
TexSTAR-Trustee	1,941,173.60			
Goldman Sachs	26,046.00	2,573,738.21		
Revenue Fund				
Goldman Sachs	2,519,723.72	2,519,723.72		
General Fund				
TexSTAR	25,148,526.98			
Goldman Sachs	17,878,584.08			
Agencies	4,404,331.25	47,431,442.31		
2013 Sub Debt Service Reserve Fund				
Goldman Sachs	3,481,525.80			
Agencies		3,481,525.80		
71E Revenue Fund				
Goldman Sachs	720,597.22	720,597.22		
MoPac Revenue Fund				
Goldman Sachs	140,223.89	140,223.89		
MoPac Construction Fund				
Goldman Sachs	37,006,931.18	37,006,931.18		
2015B Project Account				
Goldman Sachs	5,053,226.79			
Agencies	20,155,463.89	40,291,117.86		
TexSTAR	15,082,427.18			
2015A Project Account				
TexSTAR	19,115,103.06			
Goldman Sachs	36,056,003.20			
Agencies	31,072,276.45			
Treasury Notes		86,243,382.71		
2015 TIFIA Project Account				
Goldman Sachs	50,399.66	50,399.66		
2015 State Highway Fund Project Account				
Goldman Sachs	29,657,261.99	29,657,261.99		
2015 SIB Project Account				
Goldman Sachs	19,772,954.44	19,772,954.44		
2011 Sr Financial Assistance Fund				
Goldman Sachs	931.51	23,073,000.78		
TexSTAR	23,072,069.27			
183S Utility Custody Deposit				
Goldman Sachs	2,380,382.99			
TexSTAR	3,006,007.39	5,386,390.38		
45SW Trust Account Hays County				
Goldman Sachs	0.00	0.00		
45SW Trust Account Travis County				
Goldman Sachs	918,136.96	918,136.96		
		<u>\$ 464,834,472.83</u>		\$ -



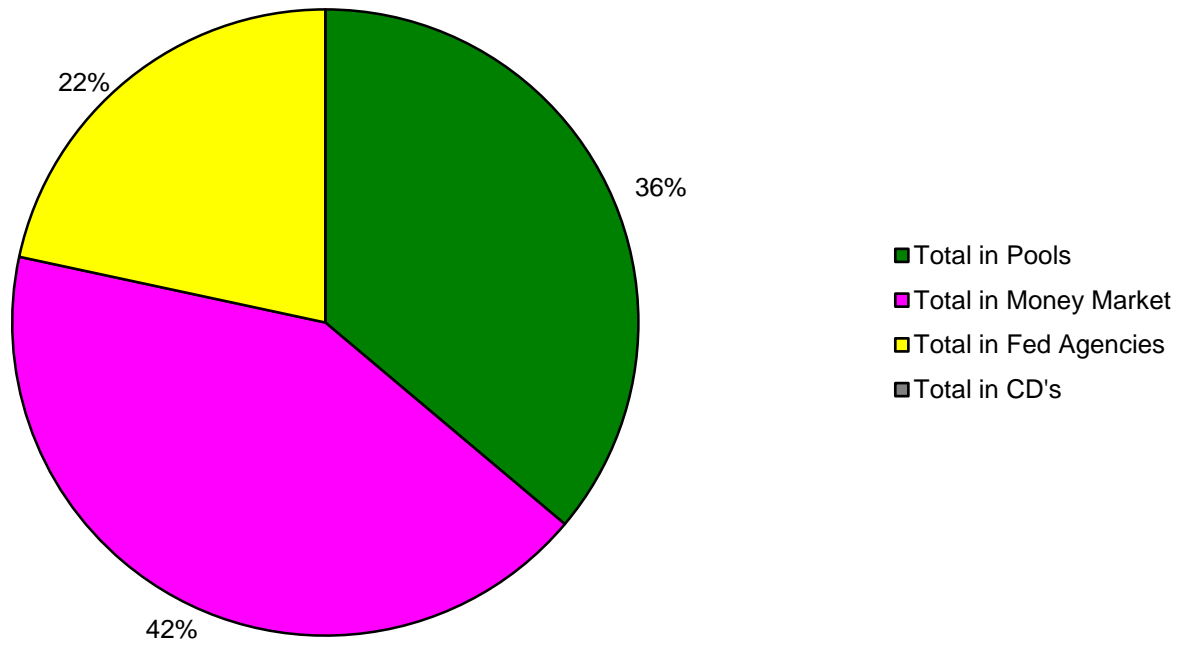
**CTRMA INVESTMENT REPORT**

Month Ending 7/31/17						
Balance 6/1/2017	Additions	Discount Amortization	Accrued Interest	Withdrawals	Balance 7/31/2017	Rate July
<b>Amount in Trustee TexStar</b>						
2011 Sr Lien Financial Assist Fund	25,087,647.96		19,347.46	2,034,926.15	23,072,069.27	0.983%
2013 Sub Lien Debt Service Reserve	5,025,326.30		4,194.11		5,029,520.41	0.983%
General Fund	25,127,555.68		20,971.30		25,148,526.98	0.983%
Trustee Operating Fund	2,089,582.34	1,600,011.47	1,579.79	1,750,000.00	1,941,173.60	0.983%
Renewal and Replacement	506,166.30		422.45		506,588.75	0.983%
Grant Fund	9,108,965.04		7,602.28		9,116,567.32	0.983%
Senior Lien Debt Service Reserve Fund	15,056,569.31		12,565.98		15,069,135.29	0.983%
183S Utility Custody Deposit	3,003,500.68		2,506.71		3,006,007.39	0.983%
2015A Sr Ln Project Account	19,099,163.14		15,939.92		19,115,103.06	0.983%
2015A Sr Ln Project Cap Interest	50,232,832.95		41,924.00		50,274,756.95	0.983%
2015B Sr Ln Project	15,069,850.00		12,577.18		15,082,427.18	0.983%
	<b>169,407,159.70</b>	<b>1,600,011.47</b>	<b>139,631.18</b>	<b>3,784,926.15</b>	<b>167,361,876.20</b>	
<b>Amount in TexStar Operating Fund</b>						
	<b>555,989.64</b>	<b>1,750,000.00</b>	<b>528.97</b>	<b>1,700,000.00</b>	<b>606,518.61</b>	<b>0.983%</b>
<b>Goldman Sachs</b>						
Operating Fund	0.00	1,626,046.00	11.47	1,600,011.47	26,046.00	0.280%
45SW Trust Account Travis County	917,459.27		677.69		918,136.96	0.280%
45SW Trust Account Hays County	23,982.95		15.26	23,998.21	0.00	0.280%
2015A Project Account	38,014,012.50		5,760.25	1,963,769.55	36,056,003.20	0.280%
2015B Project Account	5,050,018.11		3,208.68		5,053,226.79	0.280%
2015D State Highway Fund Project Acct	29,638,430.32		18,831.67		29,657,261.99	0.280%
2015C TIFIA Project Account	50,367.66		32.00		50,399.66	0.280%
2015E SIB Project Account	19,760,399.08		12,555.36		19,772,954.44	0.280%
183S Utility Custody Deposit	2,378,758.36		1,624.63		2,380,382.99	0.280%
2011 Sr Financial Assistance Fund	1,466,073.85	2,034,926.15	931.51	3,501,000.00	931.51	0.280%
2010 Senior DSF	390,466.04	16,818.41	248.09	245,812.50	161,720.04	0.280%
2011 Senior Lien Debt Service Acct	752,483.07		478.11		752,961.18	0.280%
2013 Senior Lien Debt Service Acct	5,498,084.80	913,820.01	3,245.14	3,592,125.00	2,823,024.95	0.280%
2013 Subordinate Debt Service Acct	3,041,502.94	505,533.68	1,795.01	2,538,250.00	1,010,581.63	0.280%
2015 Sr Capitalized Interest	10,611,086.05		6,742.07	7,469,750.00	3,148,078.12	0.280%
2015 Sr Capitalized Interest pmt acct	0.00	7,469,750.00		7,469,750.00	0.00	0.280%
2015A Debt Service Acct	3.30				3.30	0.280%
2015B Debt Service Acct	1,721,470.43	286,127.26	1,016.00	1,719,625.00	288,988.69	0.280%
2016 Sr Lien Rev Refunding Debt Service Account	8,738,835.63	4,367,610.41	5,539.41	8,722,518.75	4,389,466.70	0.280%
2016 Sub Lien Rev Refunding Debt Service Account	1,881,587.27	312,744.11	1,110.59	1,687,081.25	508,360.72	0.280%
2016 Sub Lein Rev Refunding DSR	1,653,277.38		1,624.23		1,654,901.61	0.280%
Grant Fund	476,047.69		302.47		476,350.16	0.280%
Renewal and Replacement	188,921.72		120.04		189,041.76	0.280%
Revenue Fund	2,905,712.29	5,736,130.73	1,426.43	6,123,545.73	2,519,723.72	0.280%
General Fund	23,140,961.66	2,568,258.89	14,532.36	7,845,168.83	17,878,584.08	0.280%
Senior Lien Debt Service Reserve Fund	159,375.00	25,090,000.00	293.93		25,249,668.93	0.280%
MoPac Revenue Fund	131,883.04	8,259.38	81.47		140,223.89	0.280%
71E Revenue Fund	610,845.22	109,396.52	355.48		720,597.22	0.280%
2013 Sub Debt Service Reserve Fund	3,479,315.11		2,210.69		3,481,525.80	0.280%
MoPac Managed Lane Construction Fund	37,405,228.59		25,354.23	423,651.64	37,006,931.18	0.280%
	<b>200,086,589.33</b>	<b>51,045,421.55</b>	<b>0.00</b>	<b>110,124.27</b>	<b>196,316,077.22</b>	
<b>Amount in Fed Agencies and Treasuries</b>						
Amortized Principal	125,566,842.05		(16,841.25)	25,000,000.00	100,550,000.80	
	125,566,842.05	0.00	(16,841.25)	0.00	25,000,000.00	100,550,000.80
<b>Certificates of Deposit</b>						
Total in Pools	169,963,149.34	3,350,011.47	140,160.15	5,484,926.15	167,968,394.81	
Total in GS FSGF	200,086,589.33	51,045,421.55	110,124.27		196,316,077.22	
Total in Fed Agencies and Treasuries	125,566,842.05	0.00	(16,841.25)	25,000,000.00	100,550,000.80	
<b>Total Invested</b>	<b>495,616,580.72</b>	<b>54,395,433.02</b>	<b>(16,841.25)</b>	<b>250,284.42</b>	<b>30,484,926.15</b>	<b>464,834,472.83</b>

All Investments in the portfolio are in compliance with the CTRMA's Investment policy.

William Chapman, CFO  
 Mary Temple, Controller

## Allocation of Funds



Amount of Investments As of July 31, 2017

Agency	CUSIP #	COST	Book Value	Market Value	Yield to Maturity	Purchased	Matures	FUND
Federal Farm Credit	3133ECA79	4,959,250.00	4,990,944.44	4,989,900.00	1.2155%	3/11/2015	3/19/2018	Senior DSRF
Federal Farm Credit	3133EE4K3	<b>MATURED</b>	<b>MATURED</b>	<b>MATURED</b>	0.7200%	1/13/2016	7/21/2017	Senior DSRF
Federal Farm Credit	3133EFSG3	10,057,749.23	10,018,236.44	9,992,400.00	0.8421%	2/8/2016	3/14/2018	2015B Sr Project
Federal Home loan Bank	313378QK0	10,253,642.07	10,137,227.45	10,080,600.00	1.0369%	2/8/2016	3/8/2019	2015B Sr Project
Freddie Mac	3134G4Z84	9,850,343.91	9,807,284.51	9,804,998.00	0.8097%	2/18/2016	10/10/2017	2015A Sr Project
Federal Home loan Bank	3030A62S5	6,984,310.89	6,999,101.76	6,998,110.00	0.9053%	3/14/2016	8/28/2017	2015A Sr Project
Federal Home loan Bank	303370SZ2	14,536,023.18	14,265,890.18	14,266,815.00	0.9023%	3/7/2016	9/8/2017	2015A Sr Project
Federal Home loan Bank	3030A6SW8	10,039,900.00	10,009,843.75	9,994,600.00	0.7616%	4/11/2016	12/19/2017	Senior DSRF
Federal Home loan Bank	3130A8BD4	24,907,000.00	24,921,307.69	24,910,250.00	1.2288%	6/7/2017	6/29/2018	Senior DSRF
Federal Home loan Bank	3130ABJD9	4,995,000.00	4,995,833.33	4,994,800.00	1.2265%	6/7/2017	6/5/2018	2016 Sub DSRF
Federal Home loan Bank	3030A6SW8	4,417,556.00	4,404,331.25	4,397,624.00	0.7616%	4/11/2016	12/19/2017	General
		<u>101,000,775.28</u>	<u>100,550,000.80</u>	<u>100,430,097.00</u>				

Agency	CUSIP #	COST	Cummulative Amortization	7/31/2017		Interest Income July 31, 2017		
				Book Value	Maturity Value	Accrued Interest	Amortization	Interest Earned
Federal Farm Credit	3133ECA79	4,959,250.00	(31,694.44)	4,990,944.44	5,000,000.00	3,916.67	1,131.94	5,048.61
Federal Farm Credit	3133EE4K3	<b>MATURED</b>	<b>MATURED</b>	<b>MATURED</b>	25,000,000.00	15,000.00	3,852.37	18,852.37
Federal Farm Credit	3133EFSG3	10,057,749.23	39,512.79	10,018,236.44	10,000,000.00	9,166.67	(2,279.58)	6,887.09
Federal Home loan Bank	313378QK0	10,253,642.07	116,414.62	10,137,227.45	10,000,000.00	15,625.00	(6,861.37)	8,763.63
Freddie Mac	3134G4Z84	9,850,343.91	43,059.40	9,807,284.51	9,800,000.00	9,187.50	(2,428.16)	6,759.34
Federal Home loan Bank	3030A62S5	6,984,310.89	(14,790.87)	6,999,101.76	7,000,000.00	4,375.00	898.23	5,273.23
Federal Home loan Bank	303370SZ2	14,536,023.18	270,133.00	14,265,890.18	14,250,000.00	26,718.75	(15,890.18)	10,828.57
Federal Home loan Bank	3030A6SW8	10,039,900.00	30,056.25	10,009,843.75	10,000,000.00	8,333.33	(1,968.75)	6,364.58
Federal Home loan Bank	3130A8BD4	24,907,000.00	(14,307.69)	24,921,307.69	25,000,000.00	20,521.91	7,153.85	27,675.76
Federal Home loan Bank	3130ABJD9	4,995,000.00	(833.33)	4,995,833.33	5,000,000.00	4,687.50	416.67	5,104.17
Federal Home loan Bank	3030A6SW8	4,417,556.00	13,224.75	4,404,331.25	4,400,000.00	3,666.67	(866.25)	2,800.42
		<u>101,000,775.28</u>	<u>450,774.48</u>	<u>100,550,000.80</u>	<u>125,450,000.00</u>	<u>121,199.00</u>	<u>(16,841.25)</u>	<u>104,357.77</u>

July 31, 2017

Certificates of Deposit Outstanding

Bank	CUSIP #	COST	Yield to Maturity	Purchased	Matures	July 31, 2017 Interest	FUND
		- <u>                    </u>				\$ - <u>                    </u>	

Travis County Escrow account				
Balance		Accrued		Balance
6/1/2017	Additions	Interest	Withdrawals	7/31/2017
\$ 270,873.08		\$ 172.38	\$ 200,000.00	\$ 71,045.46



# 183 South Design-Build Project

## Contingency Status

September 6, 2017



CENTRAL TEXAS REGIONAL  
MOBILITY AUTHORITY

**Original Construction Contract Value: \$581,545,700**

<b>Total Project Contingency</b>		<b>\$47,860,000</b>
<b>Obligations</b>	CO#1 City of Austin ILA Adjustment	(\$2,779,934)
	CO#2 Addition of Coping to Soil Nail Walls	\$742,385
	CO#4 Greenroads Implementation	\$362,280
	CO#6 51st Street Parking Trailhead	\$477,583
	CO#9 Patton Interchange Revisions	\$3,488,230
	Others Less than \$300,000 (4)	(\$45,957)
	Executed Change Orders	\$2,244,587
Change Orders Under Negotiation	\$2,150,000	
Potential Contractual Obligations	\$11,180,000	
<b>(-) Total Obligations</b>		<b>\$15,574,587</b>
<b>Remaining Project Contingency</b>		<b>\$32,285,413</b>



**SH 45SW Construction  
Contingency Status**  
September 6, 2017



**Original Construction Contract Value: \$75,103,623**

<b>Total Project Contingency</b>		<b>\$ 7,520,000.00</b>
<b>Obligations</b>	CO 01 Asbestos Removal	\$1,962
	CO 02 TCEQ Protection Plan	\$103,773
	Executed Change Orders	<b>\$105,735</b>
	CO 03 Conduit Installation Revision	\$11,970
	Change Orders in Negotiations	<b>(\$11,970)</b>
Potential Contractual Obligations		<b>\$5,382,961</b>
<b>(-) Total Obligations</b>		<b>\$ 5,476,726</b>
<b>Remaining Project Contingency</b>		<b>\$ 2,043,274</b>



**MOPAC Construction**  
**Contingency Status**  
 September 6, 2017



**Original Construction Contract Value: \$136,632,100**

<b>Total Project Contingency</b>		<b>\$ 18,527,575</b>
<b>Obligations</b>	CO#01B 5th & Cesar Chavez SB Reconfig (Construction)	\$593,031
	CO#05B FM 2222 Bridge NB Ret Wall Abutment Repair (Construction)	\$850,000
	CO#07 FM 2222 Exit Storage Lane	\$426,000
	CO#08C Refuge Area: Added Shoulder Adjustment Soundwall #1	\$2,508,548
	CO#12 Barrier Rail Opaque Seal	\$542,419
	CO#17 Bike and Ped Improvements at Far West Blvd Bridge/RM 2222	\$971,889
	Total of Others Less than \$300,000 (20)	\$1,073,504
	<b>Executed Change Orders</b>	<b>\$6,965,391</b>
	<b>Change Orders in Progress/Pending Potential Contractual Obligations</b>	<b>\$ (2,501,437)</b>
	<b>Work by Others</b>	<b>\$ 5,000,000</b>
<b>Other Potential Contractual Obligations</b>	<b>\$ 23,103,582</b>	
<b>(-) Total Obligations</b>		<b>\$ 32,567,536</b>
<b>(+) Assessed Liquidated Damages (as of November 2016 Draw #41)</b>		<b>\$ 20,000,000</b>
<b>Remaining Project Contingency</b>		<b>\$ 5,960,039</b>



## Monthly Newsletter - July 2017

### Performance

#### As of July 31, 2017

Current Invested Balance	\$5,941,902,116.09
Weighted Average Maturity (1)	35 Days
Weighted Average Maturity (2)	107 Days
Net Asset Value	1.000013
Total Number of Participants	844
Management Fee on Invested Balance	0.06%*
Interest Distributed	\$5,377,675.02
Management Fee Collected	\$309,463.23
% of Portfolio Invested Beyond 1 Year	8.14%
Standard & Poor's Current Rating	AAAm

#### July Averages

Average Invested Balance	\$6,072,929,940.37
Average Monthly Yield, on a simple basis	0.9827%
Average Weighted Average Maturity (1)*	32 Days
Average Weighted Average Maturity (2)*	97 Days

#### Definition of Weighted Average Maturity (1) & (2)

- (1) This weighted average maturity calculation uses the SEC Rule 2a-7 definition for stated maturity for any floating rate instrument held in the portfolio to determine the weighted average maturity for the pool. This Rule specifies that a variable rate instrument to be paid in 397 calendar days or less shall be deemed to have a maturity equal to the period remaining until the next readjustment of the interest rate.
- (2) This weighted average maturity calculation uses the final maturity of any floating rate instruments held in the portfolio to calculate the weighted average maturity for the pool.

\* The maximum management fee authorized for the TexSTAR Cash Reserve Fund is 12 basis points. This fee may be waived in full or in part in the discretion of the TexSTAR co-administrators at any time as provided for in the TexSTAR Information Statement.

Rates reflect historical information and are not an indication of future performance.

### New Participants

We would like to welcome the following entities who joined the TexSTAR program in July:

- |                         |                            |                             |
|-------------------------|----------------------------|-----------------------------|
| ★ Central Plains Center | ★ City of Gilmer           | ★ Grand Mission MUD 2       |
| ★ Harris County MUD 495 | ★ Northgate Crossing MUD 2 | ★ UNT Health Science Center |

### Holiday Reminder

In observance of **Labor Day, TexSTAR will be closed on Monday, September 4, 2017**. All ACH transactions initiated on Friday, September 1st, will settle on Tuesday, September 5th. Please plan accordingly for your liquidity needs.

### Economic Commentary

"The more things change, the more they stay the same". Many of the themes from recent months persisted in July. While political turmoil in Washington continued and the GOP in Congress failed to repeal and replace the Affordable Care Act (ACA), there were strong corporate earnings and economic data released during the month continued to point to broad-based, above-trend growth globally. Oil prices rallied 9% as OPEC sought to more actively enforce production cuts. Oil prices, as measured by the WTI Crude ended the month at \$50/barrel. Nonetheless, the inflation gains witnessed earlier this year – against a backdrop of steady economic growth and labor market strength – have reversed course. Inflation data surprised to the down side for the fourth consecutive month. Lastly, the Financial Conduct Authority announced that LIBOR will be phased out by 2021.

As anticipated, the Federal Open Market Committee (FOMC) kept the federal funds rate unchanged at its July meeting. The Fed continued to offer an optimistic reading of the U.S. economy and suggested that balance normalization would begin "relatively soon", which the market took to mean that balance sheet reduction would formally be announced in September and commence shortly after. A rate hike in December is likely though may be dependent on whether inflation data begins to trend up again. In terms of the timing for the next federal funds rate increase, the committee has indicated that their objective is to continue to keep the pace of rate hikes "gradual". The median of the committee expects 1 additional rate hikes in 2017 and 3 rate hikes in 2018. An additional rate hike in 2017 will be dependent on inflation data which has disappointed and kept the Fed cautious while financial conditions remain very easy. The committee appears very determined to start the balance sheet normalization process prior to the next hike. Growth rebounded in the second quarter and the backdrop continues to look solid for the second half of the year. Business and consumer confidence remains elevated but has modestly lost momentum as the year has progressed. This is likely to continue until we get clarity on fiscal policy. Although consumption should continue to be a principal driver of the U.S. economy, we see growth turning more balanced this year as business investment, government spending and net exports all have the potential to contribute positively over the coming months.

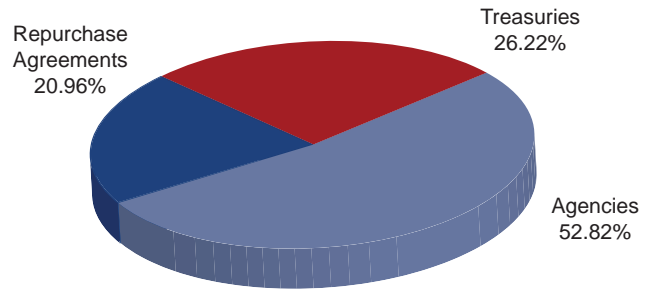
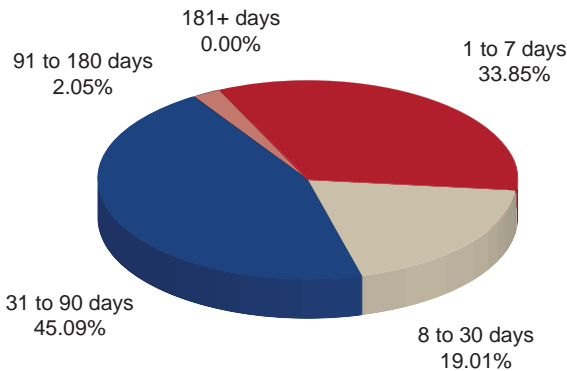
This information is an excerpt from an economic report dated July 2017 provided to TexSTAR by JP Morgan Asset Management, Inc., the investment manager of the TexSTAR pool.

**For more information about TexSTAR, please visit our web site at [www.texstar.org](http://www.texstar.org).**

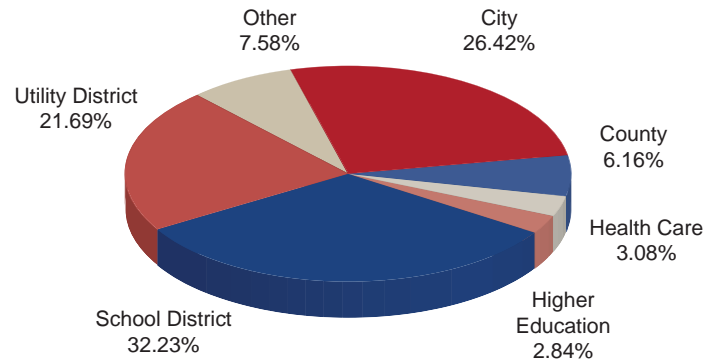


# Information at a Glance

## Portfolio by Type of Investment As of July 31, 2017



## Portfolio by Maturity As of July 31, 2017



## Distribution of Participants by Type As of July 31, 2017

# Historical Program Information

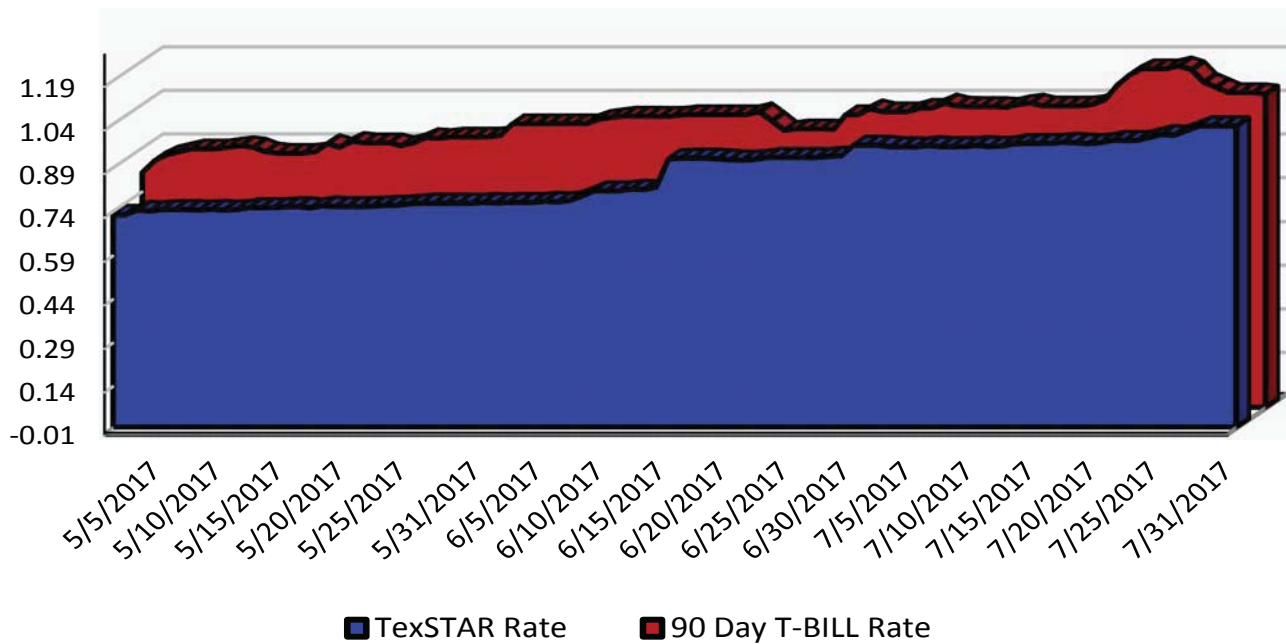
Month	Average Rate	Book Value	Market Value	Net Asset Value	WAM (1)*	WAM (2)*	Number of Participants
Jul 17	0.9827%	\$5,941,902,116.09	\$5,941,981,984.60	1.000013	32	97	844
Jun 17	0.8631%	6,071,512,305.56	6,071,586,949.16	0.999993	30	92	838
May 17	0.7535%	6,440,388,492.41	6,440,492,333.25	1.000016	28	97	836
Apr 17	0.7140%	6,279,219,607.16	6,279,507,477.47	1.000045	36	105	832
Mar 17	0.6269%	6,551,167,144.50	6,551,621,726.22	1.000064	42	110	829
Feb 17	0.5533%	7,267,565,993.07	7,269,212,259.58	1.000226	43	111	827
Jan 17	0.5452%	7,011,113,225.83	7,012,695,761.41	1.000225	44	96	823
Dec 16	0.4815%	6,128,094,216.46	6,129,417,408.96	1.000215	49	100	822
Nov 16	0.4144%	5,250,402,124.93	5,251,596,034.74	1.000227	47	109	821
Oct 16	0.4202%	5,155,508,603.07	5,157,927,996.01	1.000469	39	105	820
Sep 16	0.4123%	5,253,367,191.87	5,255,503,092.88	1.000412	43	115	818
Aug 16	0.3990%	5,436,604,745.94	5,438,039,955.56	1.000263	39	114	817

# Portfolio Asset Summary as of July 31, 2017

	Book Value	Market Value
Uninvested Balance	\$ 224,431.36	\$ 224,431.36
Accrual of Interest Income	3,941,401.59	3,941,401.59
Interest and Management Fees Payable	(5,442,466.53)	(5,442,466.53)
Payable for Investment Purchased	(100,000,000.00)	(100,000,000.00)
Repurchase Agreement	1,266,909,999.74	1,266,909,999.74
Government Securities	4,776,268,749.93	4,776,348,618.44
<b>Total</b>	<b>\$ 5,941,902,116.09</b>	<b>\$ 5,941,981,984.60</b>

Market value of collateral supporting the Repurchase Agreements is at least 102% of the Book Value. The portfolio is managed by J.P. Morgan Chase & Co. and the assets are safekept in a separate custodial account at the Federal Reserve Bank in the name of TexSTAR. The only source of payment to the Participants are the assets of TexSTAR. There is no secondary source of payment for the pool such as insurance or guarantee. Should you require a copy of the portfolio, please contact TexSTAR Participant Services.

# TexSTAR versus 90-Day Treasury Bill



This material is for information purposes only. This information does not represent an offer to buy or sell a security. The above rate information is obtained from sources that are believed to be reliable; however, its accuracy or completeness July be subject to change. The TexSTAR management fee may be waived in full or in part at the discretion of the TexSTAR co-administrators and the TexSTAR rate for the period shown reflects waiver of fees. This table represents historical investment performance/return to the customer, net of fees, and is not an indication of future performance. An investment in the security is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Although the issuer seeks to preserve the value of an investment at \$1.00 per share, it is possible to lose money by investing in the security. Information about these and other program details are in the fund's Information Statement which should be read carefully before investing. The yield on the 90-Day Treasury Bill ("T-Bill Yield") is shown for comparative purposes only. When comparing the investment returns of the TexSTAR pool to the T-Bill Yield, you should know that the TexSTAR pool consist of allocations of specific diversified securities as detailed in the respective Information Statements. The T-Bill Yield is taken from Bloomberg Finance L.P. and represents the daily closing yield on the then current 90-day T-Bill.

## Daily Summary for July 2017

Date	Mny Mkt Fund Equiv. [SEC Std.]	Daily Allocation Factor	TexSTAR Invested Balance	Market Value Per Share	WAM Days (1)*	WAM Days (2)*
7/1/2017	0.9675%	0.000026506	\$6,071,512,305.56	0.999993	32	92
7/2/2017	0.9675%	0.000026506	\$6,071,512,305.56	0.999993	32	92
7/3/2017	0.9620%	0.000026357	\$6,052,519,533.82	0.999994	31	91
7/4/2017	0.9620%	0.000026357	\$6,052,519,533.82	0.999994	31	91
7/5/2017	0.9610%	0.000026328	\$6,020,873,969.35	0.999998	32	91
7/6/2017	0.9660%	0.000026467	\$6,013,942,039.85	0.999998	33	92
7/7/2017	0.9624%	0.000026366	\$5,963,853,026.66	0.999997	31	90
7/8/2017	0.9624%	0.000026366	\$5,963,853,026.66	0.999997	31	90
7/9/2017	0.9624%	0.000026366	\$5,963,853,026.66	0.999997	31	90
7/10/2017	0.9666%	0.000026481	\$5,953,072,281.96	0.999997	30	93
7/11/2017	0.9626%	0.000026373	\$6,162,374,977.36	1.000000	32	94
7/12/2017	0.9643%	0.000026420	\$6,095,287,602.12	1.000000	32	97
7/13/2017	0.9718%	0.000026626	\$6,105,069,268.67	1.000003	31	98
7/14/2017	0.9735%	0.000026670	\$6,120,498,774.34	1.000002	31	97
7/15/2017	0.9735%	0.000026670	\$6,120,498,774.34	1.000002	31	97
7/16/2017	0.9735%	0.000026670	\$6,120,498,774.34	1.000002	31	97
7/17/2017	0.9778%	0.000026788	\$6,148,109,166.00	1.000007	30	96
7/18/2017	0.9754%	0.000026722	\$6,257,253,235.81	1.000003	30	95
7/19/2017	0.9723%	0.000026638	\$6,225,967,615.36	1.000003	30	95
7/20/2017	0.9758%	0.000026733	\$6,185,617,052.40	0.999997	30	97
7/21/2017	0.9840%	0.000026958	\$6,129,568,136.20	0.999992	31	97
7/22/2017	0.9840%	0.000026958	\$6,129,568,136.20	0.999992	31	97
7/23/2017	0.9840%	0.000026958	\$6,129,568,136.20	0.999992	31	97
7/24/2017	0.9946%	0.000027248	\$6,095,865,623.46	0.999989	36	99
7/25/2017	1.0043%	0.000027515	\$6,112,669,569.94	0.999999	37	100
7/26/2017	1.0020%	0.000027451	\$6,081,723,345.18	1.000007	36	100
7/27/2017	1.0169%	0.000027859	\$5,994,354,329.80	1.000015	38	106
7/28/2017	1.0335%	0.000028315	\$5,992,307,489.23	1.000023	35	107
7/29/2017	1.0335%	0.000028315	\$5,992,307,489.23	1.000023	35	107
7/30/2017	1.0335%	0.000028315	\$5,992,307,489.23	1.000023	35	107
7/31/2017	1.0340%	0.000028329	\$5,941,902,116.09	1.000013	35	107
Average	0.9827%	0.000026924	\$6,072,929,940.37		32	97

TexSTAR Participant Services  
FirstSouthwest, A Division of Hilltop Securities  
1201 Elm Street, Suite 3500  
Dallas, Texas 75270



## **TexSTAR Board Members**

<i>William Chapman</i>	<i>Central Texas Regional Mobility Authority</i>	<i>Governing Board President</i>
<i>Nell Lange</i>	<i>City of Frisco</i>	<i>Governing Board Vice President</i>
<i>Eric Cannon</i>	<i>City of Allen</i>	<i>Governing Board Treasurer</i>
<i>David Medanich</i>	<i>FirstSouthwest / Hilltop Securities</i>	<i>Governing Board Secretary</i>
<i>Jennifer Novak</i>	<i>J.P. Morgan Asset Management</i>	<i>Governing Board Asst. Sec./Treas.</i>
<i>Nicole Conley</i>	<i>Austin ISD</i>	<i>Advisory Board</i>
<i>Becky Brooks</i>	<i>Government Resource Associates, LLC</i>	<i>Advisory Board</i>
<i>Monte Mercer</i>	<i>North Central TX Council of Government</i>	<i>Advisory Board</i>
<i>Stephen Fortenberry</i>	<i>Plano ISD</i>	<i>Advisory Board</i>
<i>David Pate</i>	<i>Richardson ISD</i>	<i>Advisory Board</i>
<i>James Mauldin</i>	<i>University of North Texas System</i>	<i>Advisory Board</i>

For more information contact TexSTAR Participant Services ★ 1-800-839-7827 ★ [www.texstar.org](http://www.texstar.org)



**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-047**

**AUTHORIZE THE PROCUREMENT OF  
CONSTRUCTION ENGINEERING & INSPECTION SERVICES  
FOR THE MANOR EXPRESSWAY (290E) PHASE III PROJECT**

WHEREAS, the Mobility Authority is developing the Manor Expressway (290E) Phase III Project (“Project”) in order to improve safety and operations; and

WHEREAS, the current Project development plan calls for the award of a construction contract in early 2018; and

WHEREAS, the services of a consultant will be required to perform construction engineering and inspection during the construction phase of the Project; and

WHEREAS, the Executive Director recommends that the Mobility Authority initiate a procurement for construction engineering and inspection services for the Manor Expressway (290E) Phase III Project to allow construction of the Project to commence without interruption following the award of a construction contract.

NOW THEREFORE, BE IT RESOLVED that the Executive Director is hereby authorized and directed to advertise for bid proposals for construction engineering and inspections services for the Manor Expressway (290E) Phase III Project.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September, 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Willkerson  
Chairman, Board of Directors

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-048**

**APPROVE FUNDING FOR GENERAL ENGINEERING CONSULTING  
SERVICES TO PROVIDE OVERSIGHT FOR THE  
MANOR EXPRESSWAY (290E) PROJECT**

WHEREAS, the Board has previously authorized the Mobility Authority's general engineering consultants to provide support services on the Manor Expressway (290E) Project (the "Project") under Work Authorization No. 1 and Supplement Nos. 1, 2, 3, 4, 5 and 6 which were approved pursuant to Resolution Nos. 09-77, 09-84, 10-70, 11-036, 14-066, 15-042 and 15-090, respectively; and

WHEREAS, Work Authorization No. 1 and Supplement Nos. 1-6 contemplate general engineering consultant services through March 2017; and

WHEREAS, the Executive Director has determined that additional general engineering consultant services will be required for the further development of the Project including the continuation of design oversight, support for Transportation Infrastructure Finance and Innovation Act ("TIFIA") funding, and support for the procurement of a consultant to provide construction engineering and inspection services; and

WHEREAS, the Executive Director estimates the reasonable fees associated with these additional general engineering consultant services to be in an amount not to exceed \$500,000.00; and

WHEREAS, the Executive recommends the Board approve the expenditure of up to \$500,000.00 for additional general engineering consultant services for the Project.

NOW THEREFORE, BE IT RESOLVED that the Board approves the expenditure of an amount not to exceed \$500,000.00 for additional general engineering consultant services for the Manor Expressway (290E) Project.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-049**

**APPROVE CHANGE ORDER NO. 10 TO THE COLORADO RIVER CONSTRUCTORS  
CONTRACT AND AN ASSOCIATED AMENDMENT TO THE INTERLOCAL  
AGREEMENT WITH THE CITY OF AUSTIN FOR CITY OF AUSTIN WASTEWATER  
BETTERMENTS ON THE 183 SOUTH PROJECT**

WHEREAS, by Resolution No. 15-049, dated July 29, 2015, the Board of Directors authorized the Executive Director to execute a design-build contract with Colorado River Constructors for design and construction of the Bergstrom (183 South) Expressway Project (“Project”); and

WHEREAS, under the terms of the design-build contract, Colorado River Constructors is bound to adjust and relocate utilities that are within the jurisdiction of the City of Austin, including betterments as requested by the City of Austin; and

WHEREAS, by Resolution No. 16-018, dated March 30, 2016, the Board of Directors authorized the Executive Director to execute an Interlocal agreement with the City of Austin, identifying roles and responsibilities of the parties involved, including payment obligations for utility betterments requested by the City of Austin; and

WHEREAS, the City of Austin has requested certain wastewater betterments at Little Walnut Creek which are not currently addressed in the Interlocal Agreement; and

WHEREAS, the Executive Director is working with the City of Austin to amend the Interlocal Agreement to require the City of Austin to pay for costs associated with the design and construction of the requested wastewater betterments, and

WHEREAS, the Executive Director and Colorado River Constructors have negotiated Change Order No. 10 to the design-build contract in the amount of \$1,009,999.64 to incorporate the design and construction of the wastewater betterments at Little Walnut Creek requested by the City of Austin into the Project, a copy of which is attached hereto as Exhibit A; and

WHEREAS, the Executive Director recommends approval of proposed Change Order No. 10 to the design-build contract with Colorado River Constructors in the amount of \$1,009,999.64, contingent upon execution of an amendment to the Interlocal Agreement to require the City of Austin to provide the funding for Change Order No. 10.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors authorizes and directs the Executive Director to negotiate and execute an amendment to the Interlocal Agreement with the City of Austin to incorporate and provide funding for the City of Austin’s requested wastewater betterments and Little Walnut Creek; and

BE IT FURTHER RESOLVED that, contingent upon the execution of an amendment to the Interlocal Agreement requiring the City of Austin to provide funding for Change Order No. 10, the Board of Directors authorizes the Executive Director to finalize and execute proposed Change Order No. 10 to the design-build contract with Colorado River Constructors in the amount of \$1,009,999.64 and in the form or substantially the same form as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:



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Geoffrey Petrov, General Counsel

Approved:



---

Ray A. Wilkerson  
Chairman, Board of Directors

**Exhibit A**





**CHANGE ORDER #10**

City of Austin Betterment – WWL-005

## **CHANGE ORDER #10**

**Amount:** \$1,009,999.64

**Description:**



City of Austin Betterment – WWL-005

- This change order includes betterment to City of Austin Wastewater Line 005. Existing 42” and 60” lines will be abandoned and replaced with an encased 72” wastewater line.
- Change will be compensated by City of Austin and is contingent upon the City’s execution of an amendment to the ILA between CTRMA and the City.
- This Change Order extends the Interim Completion Deadline by 141 days. No time extension to the Completion Deadline or the Acceptance Deadline is necessary for this change.
- Change Order increases the contract amount by \$1,009,999.64

### **Change Order Contents:**

1. Change Order Forms
2. Description of Change Order
3. Exhibit A – RCP-021 Letter
4. Exhibit B – CRC Pricing for RCP-021
5. Exhibit C – City of Austin Approval of CRC Pricing
6. Exhibit D – Schedule Summary of Time Extension
7. Exhibit E – Schedule Critical Path Baseline (June 2017 Monthly Update)
8. Exhibit F – Critical Path for Project Schedule with Change (Impact Analysis)



# US 183 South Project

**CHANGE ORDER NUMBER:** 10

**TABLE A:** Force Account Work and Materials Placed into Stock

Estimated Cost:

**\$0.00**

	LABOR	QTY	HOURLY RATE	TOTAL	EQUIPMENT	DAYS	HOURLY RATE	TOTAL

**TABLE B:** Contract Items

CHANGE ITEM	REASON CODE	DESCRIPTION	UNIT	ORIGINAL + PREVIOUSLY REVISED			NEW			OVERRUN/ UNDERRUN
				QUANTITY	UNIT PRICE	ITEM COST	QUANTITY	UNIT PRICE	ITEM COST	
<b>EXTRA WORK ITEM</b>	<b>REASON CODE</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>ITEM COST</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>ITEM COST</b>	<b>OVERRUN/ UNDERRUN</b>
XXX-XXXX	4B	City of Austin Betterment for WWL-005	LS				1.0	\$ 1,009,999.64	\$ 1,009,999.64	
<b>TOTALS</b>						\$ -			\$ 1,009,999.64	\$ -

# CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&amp;E 1B. <u>Other</u></p>
<p>2. Differing Site Conditions (unforeseeable)</p>	<p>2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&amp;E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other</p>
<p>3. CTRMA Convenience</p>	<p>3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the CTRMA 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during design/construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the CTRMA 3M. Other</p>
<p>4. Third Party Accommodation</p>	<p>4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other</p>
<p>5. Contractor Convenience</p>	<p>5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other</p>
<p>6. Untimely ROW/Utilities</p>	<p>6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other</p>

**Change Order No. 10 -- Revised Contract Amount to Date Summary**

**Original Contract: \$ 581,545,700.00**

	<b>Amount</b>	<b>Description</b>	<b>Revised Contract Amt to Date:</b>
DRB	\$ 9,269.58	Contractually Allowed DRB Expenditures	\$ 581,554,969.58
Partnering	\$ 19,128.46	Contractually Allowed Partnering Expenditures	\$ 581,574,098.04
LRs/LDs	\$ (127,500.00)	Contractual Liquidated Damages	\$ 581,446,598.04
C.O. #1	\$ (2,779,934.00)	COA Services for AWU Adjustment & CTRMA Eminent Domain Services	\$ 578,666,664.04
C.O. #2	\$ 742,385.17	Additional Retaining Wall Coping	\$ 579,409,049.21
C.O. #3	\$ 93,805.34	MSE Wall at Hererra Street	\$ 579,502,854.55
C.O. #4	\$ 362,280.00	Greenroads Program Implementation	\$ 579,865,134.55
C.O. #5	\$ (80,402.09)	Virtual Weigh Station Scope Removal	\$ 579,784,732.46
C.O. #6	\$ 477,583.12	51st Parking Area	\$ 580,262,315.58
C.O.#7	\$ 87,149.46	Google Accommodation (MLK to the Colorado River)	\$ 580,349,465.04
C.O. #8	\$ (146,509.76)	Removal of Shared Use Path south of Patton Avenue	\$ 580,202,955.28
C.O. #9	\$ 3,488,230.07	Patton Avenue Interchange Revisions	\$ 583,691,185.35
C.O.#10	\$ 1,009,999.64	City of Austin WWL-005 Betterment	\$ 584,701,184.99

Summary Prepared by:

\_\_\_\_\_ Daniel W. Freeman, PE

\_\_\_\_\_ Date

## **Description of Change Order**

This change order includes betterment associated with City of Austin's Wastewater Line 005. Specifically, this change order includes abandoning 42" and 60" wastewater lines and replacing them with an encased 72" wastewater line. This change order also includes the associated manholes for this abandonment and replacement. This betterment results in a time extension to the Interim Completion Deadline of 141 Days.

This change is being paid for by the City of Austin through an amendment to the existing Interlocal Agreement (ILA) between the Mobility Authority and the City of Austin. This change order is contingent upon execution of this amendment to the ILA. This change order results in an increase to the Development Price in the amount of \$1,009,999.64. Since this change is being paid for by the City of Austin, the Mobility Authority does not expect that FHWA will participate in this change.

The following exhibits are provided with this change order:

Exhibit A – RCP-021 Letter

Exhibit B – CRC Pricing for RCP-021

Exhibit C – City of Austin Approval of CRC Pricing

Exhibit D – Schedule Summary of Time Extension

Exhibit E – Schedule Critical Path Baseline (June 2017 Monthly Update)

Exhibit F – Critical Path for Project Schedule with Change (Impact Analysis)

## Exhibit A – RCP-021 Letter





**CENTRAL TEXAS  
Regional Mobility Authority  
183 South Project Office**

February 17, 2017

Mr. Scott Yardas  
Project Manager  
Colorado River Constructors  
7901 E. Riverside Drive, Building 1, Suite 100  
Austin, TX 78744

Subject: 183 South Project  
Request for Change Proposal #021 – City of Austin Betterment; WWL-005A, WWL-005B

Dear Mr. Yardas:

In accordance with Section 14.2.1.1 of the Design/Build Contract (“D/B Contract”), the Central Texas Regional Mobility Authority (“Mobility Authority”) is hereby submitting a Request for Change Proposal (“RCP”) to upgrade City of Austin wastewater lines #005A (60” DIA) and #005B (42” DIA) to a single 72” DIA line within the Final ROW. The scope of this RCP includes the tie-ins to the original lines on the east and west sides of the Final ROW, and the purchase of any necessary easements to accommodate this Betterment.

Pursuant to Section 14.2.1.2 of the Design/Build Contract, please schedule an initial consultation with the Mobility Authority and the City of Austin to discuss the specific scope associated with this RCP. The Mobility Authority looks forward to discussing this potential change with you.

Sincerely,

  
Aaron Autry, P.E.  
CDA Manager

Cc: Justin Word, P.E.  
Daniel Freeman, P.E.  
Dan McDuff, P.E.  
Juan Villarreal, P.E.

Don Nyland, P.E.  
Darren Halla, P.E.  
Mike Sexton, P.E.

Heather Ashley-Nguyen, P.E.  
Lloyd Change, P.E.  
Jerel Rackley, P.E.

## Exhibit B – CRC Pricing for RCP-021

**183 South – Request for Change Proposal No. 021  
Central Texas Regional Mobility Authority**

**CHANGE ORDER PRICE FORM  
COA 72-in WWL-005 Betterment**

DESCRIPTION	BASE CONTRACT	CO #01a	CO #02	CO #03	CO #04	CO #05	CO #06	CO #07	CO #08	RCP #021	NEW CONTRACT
	ITEM TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	ITEM TOTAL
		CoA Adjustmnts /									
		Emin. Domain	Add'l SN Coping	Herrera Wall	Greenroads	Remove Scope Virt. Weigh Sta.	51st Street Parking Revision	Google MLK to Colorado	Remv SU Path S. of Patton	CoA Betterment 72" WWL 005	
<b>A Design &amp; Coordination</b>											
1 Development Management	\$ 56,649,300.00		\$ 87,311.80	\$ 17,325.44	\$ 287,280.00	\$ (9,444.96)	\$ 80,977.25	\$ 18,752.53	\$ (15,819.16)	\$ 107,758.59	\$ 57,223,441.49
2 Development Design	\$ 30,696,900.00		\$ 28,500.00	\$ 10,000.00		\$ 5,247.20	\$ 65,199.06	\$ 18,000.00	\$ 6,760.32	\$ 25,862.06	\$ 30,856,468.64
3 Design Quality Control and Quality Assurance	\$ 1,490,100.00										\$ 1,490,100.00
4 Geotechnical and Survey	\$ 713,800.00										\$ 713,800.00
5 Community Outreach	\$ 837,500.00										\$ 837,500.00
6 3rd Party Utility Coordination, Management & Agreements	\$ 1,279,300.00	\$ (2,779,934.00)								\$ -	\$ (1,500,634.00)
<b>7 Subtotal Design &amp; Coordination (Σ Lines 1 to 6)</b>	<b>\$ 91,666,900.00</b>	<b>\$ (2,779,934.00)</b>	<b>\$ 115,811.80</b>	<b>\$ 27,325.44</b>	<b>\$ 287,280.00</b>	<b>\$ (4,197.76)</b>	<b>\$ 146,176.31</b>	<b>\$ 36,752.53</b>	<b>\$ (9,058.84)</b>	<b>\$ 133,620.65</b>	<b>\$ 89,620,676.13</b>
<b>B Construction</b>											
8 Mobilization	\$ 58,096,000.00										\$ 58,096,000.00
9 Earthwork/Demolition/Removals	\$ 55,833,600.00						\$ 12,540.96				\$ 55,846,140.96
10 Utilities	\$ 71,644,300.00						\$ 13,696.19	\$ 49,574.00		\$ 862,068.66	\$ 72,569,638.85
11 Pavement, Subbase and Base Course	\$ 76,115,100.00						\$ 74,252.82				\$ 76,189,352.82
12 Sound Walls and Neighborhood Walls	\$ 945,000.00										\$ 945,000.00
13 Structures (Bridges and Retaining Walls)	\$ 116,852,600.00		\$ 616,342.09	\$ 65,394.36							\$ 117,534,336.45
14 Drainage & Detention Facilities	\$ 15,706,600.00						\$ 85,172.82				\$ 15,791,772.82
15 Lighting, Signing, Striping and Signals	\$ 18,092,000.00			\$ 75,000.00			\$ 18,648.58				\$ 18,185,648.58
16 Toll Facilities including ITS and VTMS	\$ 10,548,800.00					\$ (74,960.00)					\$ 10,473,840.00
17 Environmental Monitoring and Mitigation	\$ 7,378,600.00						\$ 3,605.89				\$ 7,382,205.89
18 Quality Management and Testing	\$ 12,848,500.00										\$ 12,848,500.00
19 Capital Metro Flagging Costs	\$ 263,700.00										\$ 263,700.00
20 Traffic Control/Detours/Temp. Pavement & Barriers	\$ 16,064,700.00						\$ 9,263.82				\$ 16,073,963.82
21 Maintenance of Corridor & Courtesy Patrol	\$ 2,060,300.00						\$ 35,847.67				\$ 2,096,147.67
22 Sidewalks, Shared Use Path, Landscaping, Hardscaping, Aesthetics	\$ 15,800,500.00						\$ 66,728.35		\$ (135,206.49)		\$ 15,732,021.86
23 Incidental Construction	\$ 3,651,900.00						\$ 6,238.19				\$ 3,658,138.19
<b>24 Subtotal Construction (Σ Lines 8 to 23)</b>	<b>\$ 481,902,200.00</b>	<b>\$ -</b>	<b>\$ 616,342.09</b>	<b>\$ 65,394.36</b>	<b>\$ 75,000.00</b>	<b>\$ (74,960.00)</b>	<b>\$ 325,995.29</b>	<b>\$ 49,574.00</b>	<b>\$ (135,206.49)</b>	<b>\$ 862,068.66</b>	<b>\$ 483,686,407.91</b>
<b>C Bonds, Warranties &amp; Insurance Premiums</b>											
25 Bonds	\$ 4,092,600.00		\$ 5,238.91	\$ 555.85		\$ (637.16)	\$ 2,770.96	\$ 421.38	\$ (1,149.26)	\$ 7,327.58	\$ 4,107,128.26
26 Warranties	\$ 580,000.00		\$ 739.61	\$ 78.47		\$ (89.95)	\$ 391.19	\$ 59.49	\$ (162.25)	\$ 1,034.48	\$ 582,051.04
27 Insurance Premiums	\$ 3,304,000.00		\$ 4,252.76	\$ 451.22		\$ (517.22)	\$ 2,249.37	\$ 342.06	\$ (932.92)	\$ 5,948.27	\$ 3,315,793.54
<b>28 Subtotal Bonds, Warranties &amp; Insurance Premiums (Sum Lines 25 through 27)</b>	<b>\$ 7,976,600.00</b>	<b>\$ -</b>	<b>\$ 10,231.28</b>	<b>\$ 1,085.54</b>	<b>\$ -</b>	<b>\$ (1,244.33)</b>	<b>\$ 5,411.52</b>	<b>\$ 822.93</b>	<b>\$ (2,244.43)</b>	<b>\$ 14,310.33</b>	<b>\$ 8,004,972.84</b>
<b>29 Total Price (Line 7 + Line 24 + Line 28)</b>	<b>\$ 581,545,700.00</b>	<b>\$ (2,779,934.00)</b>	<b>\$ 742,385.17</b>	<b>\$ 93,805.34</b>	<b>\$ 362,280.00</b>	<b>\$ (80,402.09)</b>	<b>\$ 477,583.12</b>	<b>\$ 87,149.46</b>	<b>\$ (146,509.76)</b>	<b>\$ 1,009,999.64</b>	<b>\$ 581,312,056.88</b>

**183 South – Request for Change Proposal No. 021  
Central Texas Regional Mobility Authority**

**Pricing Analysis - Cost and Markups**

Item Description			Cost Basis / Notes
New 72" Fiberglass Pipe		966,472.93	Cased entire length
42" PVC Pipe Extension (Credit)		(248,644.08)	Pricing per 30% plans at bid time
City-requested Improvements		144,239.81	Includes credit for pre-cast manholes
<b>Subtotal Construction Direct Cost</b>		<b>862,068.66</b>	
Development Management			
Construction QC/QA	1.00%	8,620.69	
Utility Design/Coordination	0.00%	-	
3rd Party Coordination	0.00%	-	
Environmental Coordination	1.00%	8,620.69	
<b>Total Development Management</b>	<b>2.00%</b>	<b>17,241.38</b>	
Development Design			
Design	3.00%	25,862.06	Includes design of MH improvements
<b>Total Design Development</b>		<b>25,862.06</b>	
<b>Subtotal Direct Cost</b>		<b>905,172.10</b>	
Risk	10.00%	90,517.21	
<b>Total Risk</b>	10.00%	<b>90,517.21</b>	
<b>Subtotal Price</b>		<b>995,689.31</b>	
Bonds, Warranty, Insurance			
P&P Bonds	0.85%	7,327.58	Percent of construction cost per L1
Warranty	0.12%	1,034.48	
Insurance	0.69%	5,948.27	
<b>Total Bonds, Warranty, Insurance</b>	<b>1.66%</b>	<b>14,310.33</b>	
<b>Total Price Quote:</b>		<b>1,009,999.64</b>	

**Construction Cost Summary  
CRC Activities**

**CONSTRUCTION COST ESTIMATE**

<b>New 72" Fiberglass Pipe – Cased entire length under roadway</b>				
<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
Buy Easements	1.00	LS	\$ 12,400.00	\$ 12,400.00
Buy 72" Fiberglass Pipe	499.00	LF	\$ 283.50	\$ 141,466.50
Buy 6' Manholes	2.00	EA	\$ 4,165.00	\$ 8,330.00
Buy 8' Manholes	4.00	EA	\$ 12,000.00	\$ 48,000.00
Buy Misc. Pipe Fittings, Rockers, Casing Spacers, End Seals, Bedding	1.00	LS	\$ 43,834.20	\$ 43,834.20
Buy 84" Casing Pipe	410.00	LF	\$ 449.82	\$ 184,426.20
Install - Bore 84" Casing Pipe	410.00	LF	\$ 650.00	\$ 266,500.00
Install - Open Cut 72" FRP & MH's	131.00	LF	\$ 370.21	\$ 48,497.27
Install - Push 72" FRP	410.00	LF	\$ 58.79	\$ 24,104.48
Install - (Misc Costs) MH Lining, Bypass Pumping, Etc.	1.00	LS	\$ 102,896.77	\$ 102,896.77
Abandon - 42" RCP	188.00	LF	\$ 62.37	\$ 11,725.00
Abandon - 60" RCP	188.00	LF	\$ 195.48	\$ 36,750.00
Remove - 42" RCP	335.00	LF	\$ 50.39	\$ 16,881.53
Remove - 60" RCP	320.00	LF	\$ 64.57	\$ 20,660.98
<b>Subtotal</b>			<b>\$</b>	<b>966,472.93</b>
<b>42" PVC Pipe Extension</b>				
<b>*Note – Priced per 30% plans provided at time of bid</b>				
<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
Buy Easements	0.00	LS	\$ -	\$ -
Buy 42" PVC Pipe	-251.00	LF	\$ 190.68	\$ (47,860.59)
Buy 6' Manholes	-2.00	EA	\$ 5,000.00	\$ (10,000.00)
Buy 7' Manholes	-2.00	EA	\$ 10,000.00	\$ (20,000.00)
Buy Misc. Pipe Fittings, Rockers, Casing Spacers, End Seals, Bedding	-1.00	LS	\$ 14,644.11	\$ (14,644.11)
Buy 60" Casing Pipe	-81.00	LF	\$ 247.85	\$ (20,075.89)
Install - Open Cut 42" PVC, MH's & 60" Casing Pipe	-251.00	LF	\$ 149.45	\$ (37,510.82)
Install - (Misc Costs) MH Lining, Bypass Pumping, Etc.	-1.00	LS	\$ 95,630.67	\$ (95,630.67)
Remove - 42" RCP	-1.00	LS	\$ 2,922.00	\$ (2,922.00)
<b>Subtotal</b>			<b>\$</b>	<b>(248,644.08)</b>
<b>Improvements</b>				
<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
MH Improvements, Sta. 1+00	1.00	LS	\$ 49,389.94	\$ 49,389.94
MH Improvements, Sta. 1+75.14	1.00	LS	\$ 49,783.23	\$ 49,783.23
MH Improvements, Sta. 6+15.48	1.00	LS	\$ 49,451.64	\$ 49,451.64
MH Improvements, Sta. 6+65.37	1.00	LS	\$ 55,615.00	\$ 55,615.00
Eliminate (4) 8' pre-cast manholes	-4.00	EA	\$ 15,000.00	\$ (60,000.00)
<b>Subtotal</b>			<b>\$</b>	<b>144,239.81</b>
<b>TOTAL DIRECT CONSTRUCTION COST:</b>				<b>\$ 862,068.66</b>

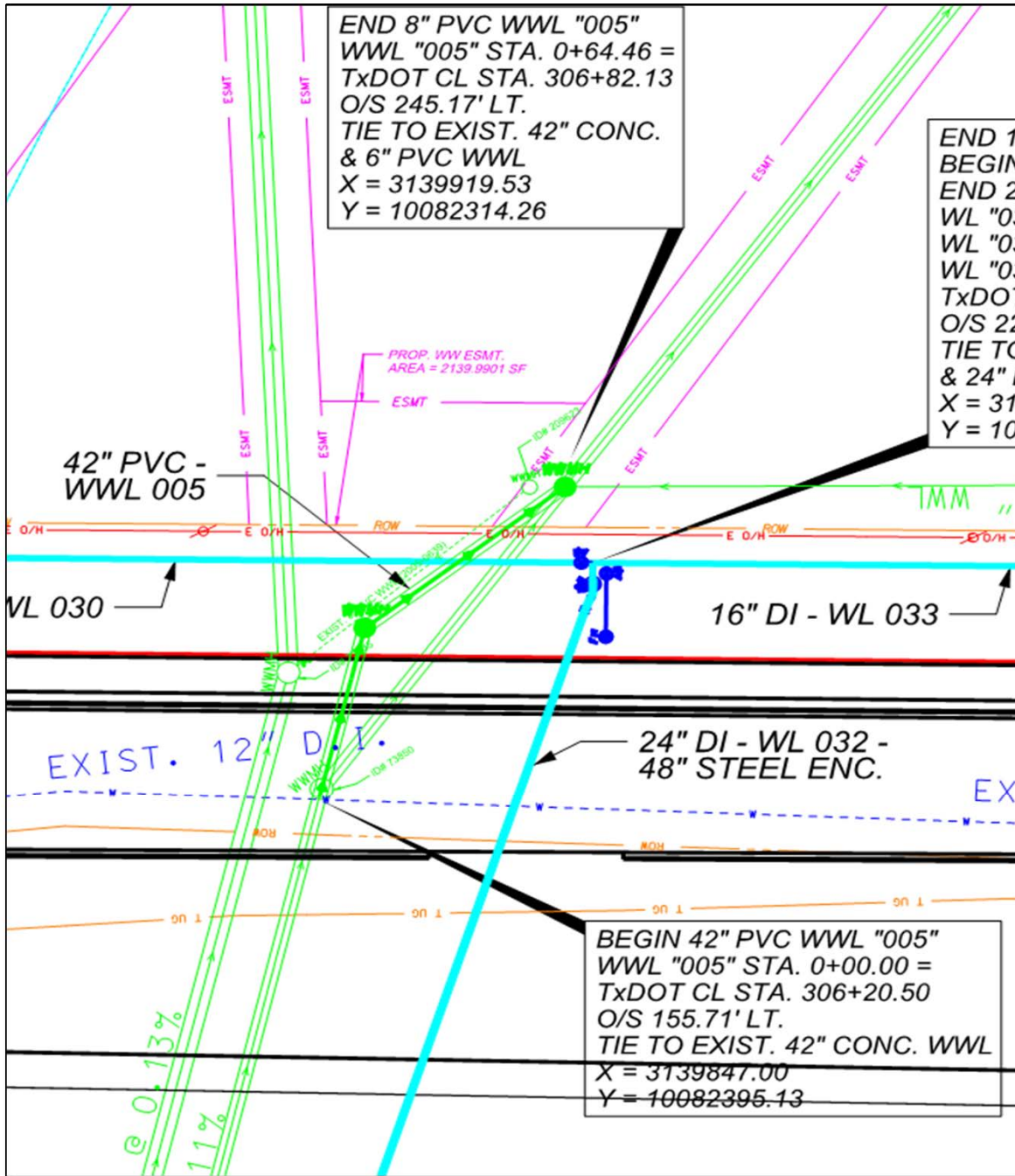
**183 South - Change Order Request Number: 034**  
**Central Texas Regional Mobility Authority**

**Assumption and Exclusions**

Item	Description
1	Assumes City of Austin approves design plans following proposed exhibits.
2	Assumes shortened design review period. 100% plan submittal to permit.
3	Assumes design approval no later than July 18, 2017.
4	Assumes grout fill 188' of existing 42" sewer line under existing lanes.
5	Assumes grout fill 228' of existing 60" sewer line under existing lanes.
6	Assumes removal of 65' of existing 60" sewer on west side of ROW.
7	Assumes removal of 150' of existing 42" sewer on west side of ROW.
8	Assumes removal of 155' of existing 60" sewer on east side of ROW.
9	Assumes removal of 185' of existing 42" sewer on east side of ROW.
10	Assumes 42" sewer can be temporarily diverted into 60" sewer while 72" sewer is under construction.
11	Includes cost for bypass pumping utilizing temp manhole's on each end that will be filled with CTS and buried.
12	Assumes new 72" sewer is maintained within existing easement on west side of ROW. If design requires sewer to go outside of easement, existing water easement would be modified to allow construction of sewer line in easement.
13	Assumes new 72" sewer on east side of ROW required easement within YMCA property.
14	Assumes installation of 72" Flowtite FRP Jacking Pipe DN72 with Flush FRP Sleeve
15	Assumes 84" OD Casing pipe with minimum 0.625" wall thickness
16	Assumes use of 12" temporary pumps and 18" HDPE pipe
17	Use 10' round manholes, designed to be 10' diameter up to surface, with precast lid (lid includes 24" and 48" R&C).
18	Vent to be installed in only one location.



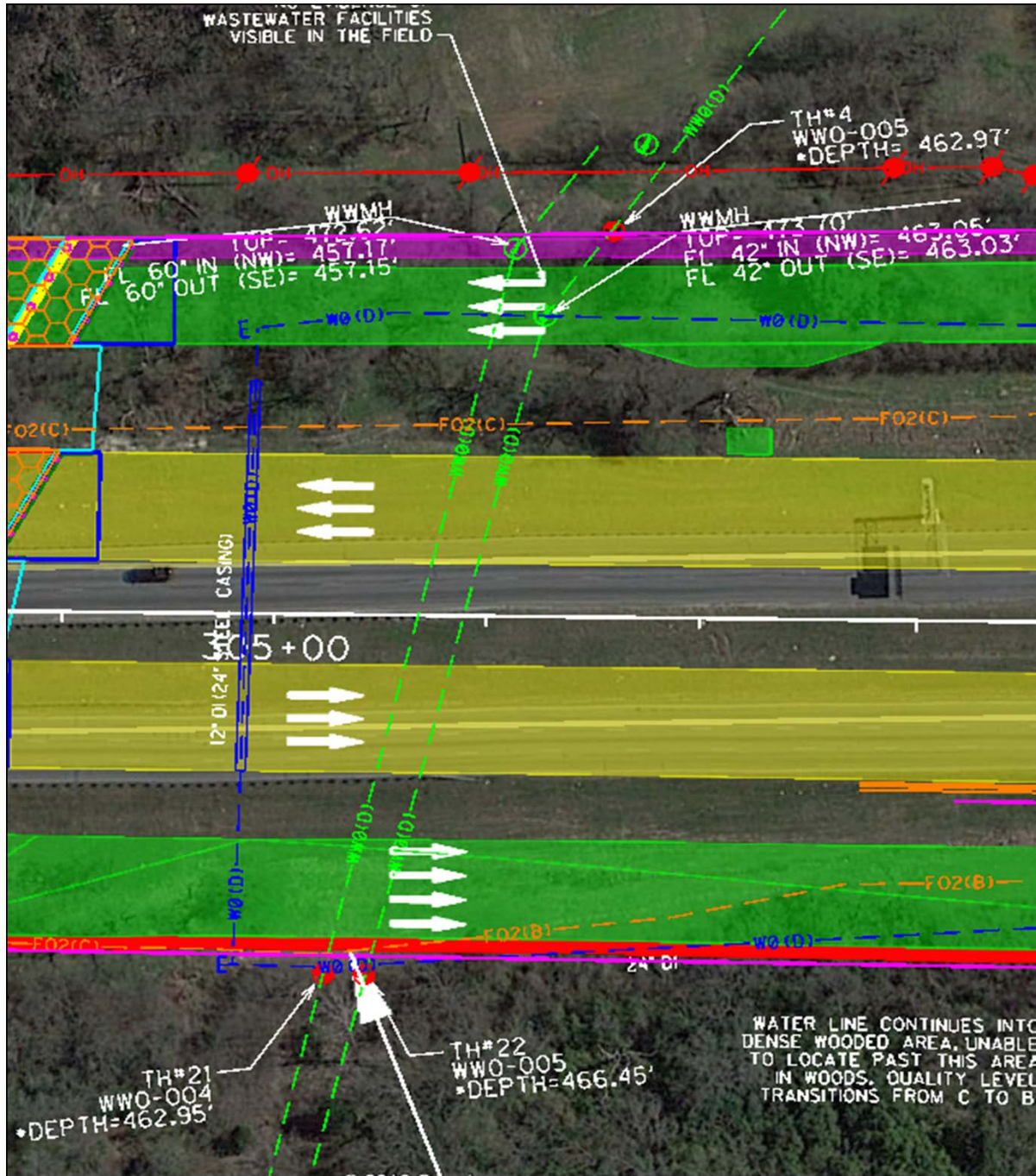
183 South - Change Order Request Number: 021  
Central Texas Regional Mobility Authority



City of Austin 30% Bid Drawings E ROW Detail



183 South - Change Order Request Number: 021  
Central Texas Regional Mobility Authority



Google Earth – Location Exhibit

INSTALL MANHOLES TO  
CONNECT BACK INTO  
EXISTING 60" LINE

WWMH  
TOP = 472.62'  
FL 60" IN (NW) = 457.17'  
FL 60" OUT (SE) = 457.15'

WWMH  
TOP = 473.70'  
FL 42" IN (NW) = 463.05'  
FL 42" OUT (SE) = 463.03'

EXIST. 42" WW TO BE  
ABANDONED

SECTION OF EXIST. 60"  
TO BE ABANDONED

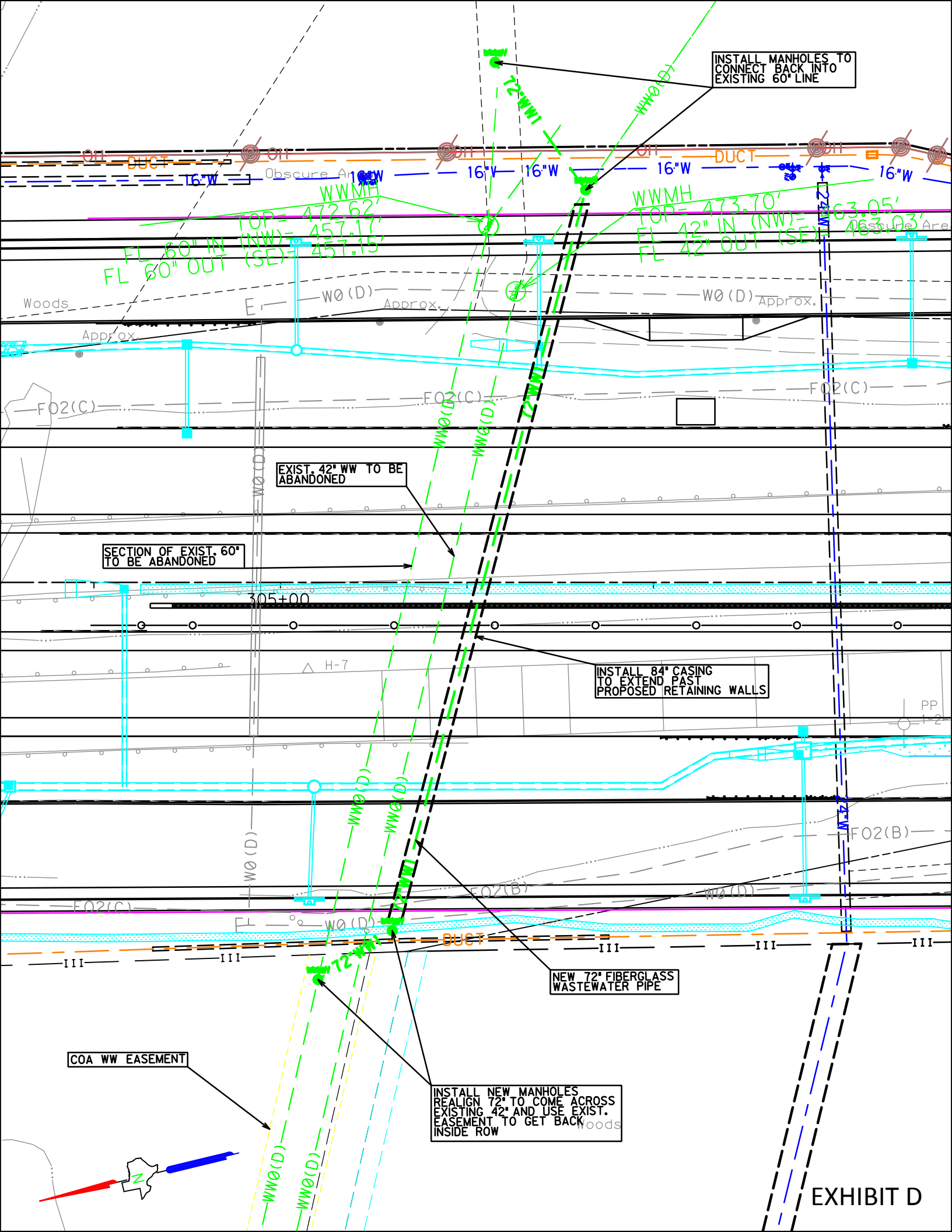
INSTALL 84" CASING  
TO EXTEND PAST  
PROPOSED RETAINING WALLS

NEW 72" FIBERGLASS  
WASTEWATER PIPE

INSTALL NEW MANHOLES  
REALIGN 72" TO COME ACROSS  
EXISTING 42" AND USE EXIST.  
EASEMENT TO GET BACK  
INSIDE ROW

COA WW EASEMENT

EXHIBIT D



## Exhibit C – City of Austin Approval of CRC Pricing

## Freeman, Daniel W

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**From:** Bailey, Eric <Eric.Bailey@austintexas.gov>  
**Sent:** Tuesday, August 15, 2017 8:41 AM  
**To:** Freeman, Daniel W  
**Cc:** Autry, Aaron W  
**Subject:** RE: WWL-005

Good morning Dan, you are correct, the City has accepted the pricing for the 72" wastewater line and manholes. We are working with our legal staff to draft the ILA amendment for your review prior to signature by the parties.

Let me know if you have any questions.

Thanks,  
Eric

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**From:** Freeman, Daniel W [mailto:Daniel.Freeman@atkinsglobal.com]  
**Sent:** Tuesday, August 15, 2017 6:16 AM  
**To:** Bailey, Eric <Eric.Bailey@austintexas.gov>  
**Cc:** Autry, Aaron W <aaron.w.autry@atkinsglobal.com>  
**Subject:** WWL-005

Eric,

My understanding is that the City is moving forward with drafting the final ILA amendment to capture the subject betterment. I assume this means that the City has reviewed and accepted the latest pricing by CRC. If that is a valid assumption, I need an email approving that pricing.

Thanks,

**Daniel W. Freeman, P.E.**  
Project Director, Tolls

### ATKINS

11801 Domain Blvd, Suite 500, Austin, Texas 78758  
Tel: +1 (512) 637 9622 | Fax: +1 (512) 327 2453 | Cell: +1 (512) 413 6764  
Email: [daniel.freeman@atkinsglobal.com](mailto:daniel.freeman@atkinsglobal.com) | Web: [www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica) | Careers: [www.atkinsglobal.com/careers](http://www.atkinsglobal.com/careers)

## Exhibit D – Schedule Summary of Time Extension

183 South Project (PBS-2) SU21 Time Impact Analysis		BE - All_Critical (No Grouping)					07-Jul-17 14:00															
Activity ID	Activity Name	OD	Start	Finish	Physical % Complete	Total Float	2017			2018				2019				2020				
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
DUAW-P06.6	Design & Approval CoA RFC (#WW005)	40	14-Feb-17 A	12-Sep-17	20%	-93	█	█	█	Design & Approval CoA RFC (#WW005)												
CUIWW0-204	Construct Infrastr. CoA #WW005 (72"), Sta. 306+00, X-ing (Procurement)	40	13-Sep-17	13-Nov-17	0%	-93				█	Construct Infrastr. CoA #WW005 (72"); Sta. 306+00, X-ing (Procurement)											
CUIWW0-194	Construct Infrastr. CoA #WW005 (72"), Sta. 306+00, X-ing Bore	50	14-Nov-17	29-Jan-18	0%	-93				█	Construct Infrastr. CoA #WW005 (72"); Sta. 306+00, X-ing Bore											
CUIWW0-005	Construct Infrastr. CoA #WW005 (72"), Sta. 306+00, X-ing	10	30-Jan-18	12-Feb-18	0%	-93				█	Construct Infrastr. CoA #WW005 (72"); Sta. 306+00, X-ing											
CWL133-050	Construct Wall 133 (MSE), Sta. 1300+31 to 1310+62, RT	30	13-Feb-18	29-Mar-18	0%	-93				█	Construct Wall 133 (MSE), Sta. 1300+31 to 1310+62, RT											
CWL134-050	Construct Wall 134 (MSE), Sta. 2306+32 to 2315+47, LT	28	30-Mar-18	11-May-18	0%	-93				█	Construct Wall 134 (MSE), Sta. 2306+32 to 2315+47, LT											
CSE0620.2	Construct Select - NBGP - Sta. 301+00 to 320+00	8	09-May-18	18-May-18	0%	-93				█	Construct Select - NBGP - Sta. 301+00 to 320+00											
CCB0620.2	Construct CTB - NBGP - Sta 301+00 to 320+00	4	21-May-18	25-May-18	0%	-93				█	Construct CTB - NBGP - Sta 301+00 to 320+00											
CBB0620.2	Construct Bond Breaker - NBGP - Sta. 301+00 to 320+00	1	29-May-18	29-May-18	0%	-93				█	Construct Bond Breaker - NBGP - Sta. 301+00 to 320+00											
CCP0620.2	Construct CRCP - NBGP - Sta. 301+00 to 320+00	8	30-May-18	11-Jun-18	0%	-93				█	Construct CRCP - NBGP - Sta. 301+00 to 320+00											
CCP0860	Construct CRCP - NBCD Lanes - Sta. 320+00 to 370+00	4	12-Jun-18	15-Jun-18	0%	-93				█	Construct CRCP - NBCD Lanes - Sta. 320+00 to 370+00											
CTS2050	Move Barrier / Switch Traffic - NBML to NBGP - Sta 250+00 to 460+00	5	18-Jun-18	25-Jun-18	0%	-93				█	Move Barrier / Switch Traffic - NBML to NBGP - Sta 250+00 to 460+00											
CDR-1210.2	Construct Drainage - NBML - Sta 262+00 to 276+00 (LW1-D) [Includes Box] (2 of 2)	18	27-Jun-18	23-Jul-18	0%	-93				█	Construct Drainage - NBML - Sta 262+00 to 276+00 (LW1-D) [Includes Box] (2 of 2)											
CSE0680	Construct Select - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	45	12-Jul-18	17-Sep-18	0%	-93				█	Construct Select - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)											
CCB0680	Construct CTB - SBML - Sta 251+00 to 320+00 (Incl. Ramp)	18	30-Aug-18	26-Sep-18	0%	-93				█	Construct CTB - SBML - Sta 251+00 to 320+00 (Incl. Ramp)											
CBB0680	Construct Bond Breaker - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	4	27-Sep-18	03-Oct-18	0%	-93				█	Construct Bond Breaker - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)											
CCP0680	Construct CRCP - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	35	04-Oct-18	27-Nov-18	0%	-93				█	Construct CRCP - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)											
CTGSB-140	SBEX51 - System Integrator Installation	30	28-Nov-18	11-Jan-19	0%	-93				█	SBEX51 - System Integrator Installation											
CTGSB-150	SBEX51 - System Integrator Operational Testing	30	14-Jan-19	25-Feb-19	0%	-93				█	SBEX51 - System Integrator Operational Testing											
CTGOT-0050	Toll Operational Testing Deadline (Int. Completion less 30d per TP 5)	30	26-Feb-19	11-Apr-19	0%	-93				█	Toll Operational Testing Deadline (Int. Completion less 30d per TP 5)											
CMISC-089	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Interim)	10	12-Apr-19	26-Apr-19	0%	-93				█	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Interim)											
CTS9998	Open Main Lanes from Sta 205+00 to 395+00 (to GPs up to 420+00); Interim MS	4	29-Apr-19	02-May-19	0%	-93				█	Open Main Lanes from Sta 205+00 to 395+00 (to GPs up to 420+00); Interim MS											
ADMIN-970	Interim Completion (9/10/15 NTP 1 +1,190d; 12-13-18)	0		03-May-19*	0%	-141				◆	Interim Completion (9/10/15 NTP 1 +1,190d; 12-13-18)											

█ Actual Work
 █ Remaining Work
 █ Critical Remaining Work

Exhibit E – Schedule Critical Path Baseline  
(June 2017 Monthly Update)



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>183 South Project (PBS-2) SU21 Rev.01</b>		1064	640	10-Sep-15 A	02-Mar-20	0												
<b>Project Administration</b>		1064	640	10-Sep-15 A	02-Mar-20	0												
ADMIN-050	NTP 1 (9/10/15)	0	0	10-Sep-15 A														
ADMIN-500	NTP 2 (11/30/15)	0	0	30-Nov-15 A														
ADMIN-970	Interim Completion (9/10/15 NTP 1 +1,190d; 12-13-18)	0	0		13-Dec-18*	0												
ADMIN-960	Substantial Completion (9/10/15 NTP 1 +1,515d; 11-03-19)	0	0		03-Nov-19*	0												
ADMIN-910	Final Acceptance (SC +120d)	0	0		02-Mar-20	0												
<b>Mobilization</b>		537	0	10-Sep-15 A	18-Feb-17 A													
<b>Developer</b>		537	0	10-Sep-15 A	18-Feb-17 A													
ADMIN-001	Mobilization (Initial Payment) (1 of 3) 2.5% of D/B Price	1	0	10-Sep-15 A	10-Sep-15 A													
ADMIN-002	Mobilization (Middle Payment) (2 of 3) 5% of D/B Price	1	0	23-Jan-16 A	23-Jan-16 A													
ADMIN-003	Mobilization (Final Payment) (3 of 3) 2.5% of of D/B Price	1	0	18-Feb-17 A	18-Feb-17 A													
<b>Submittals and Permitting</b>		1002	578	10-Sep-15 A	03-Dec-19	62												
<b>Central Texas Regional Mobility Authority (CTRMA)</b>		1002	578	10-Sep-15 A	03-Dec-19	62												
<b>Bonds &amp; Insurance</b>		678	20	14-Sep-15 A	18-Jul-17	838												
ADMIN-140	Submit Proof of Bonds and Insurance to the Mobility Authority	2	0	14-Sep-15 A	15-Sep-15 A													
ADMIN-995	Payment for Bonds	20	0	10-Oct-15 A	20-Oct-15 A													
ADMIN-996	Payment for Insurance (Initial Payment)	20	0	10-Oct-15 A	20-Oct-15 A													
ADMIN-996b	Payment for Insurance (Builder's Risk)	20	0	04-Apr-16 A	04-Apr-16 A													
ADMIN-996c	Payment for Insurance (2017 Premiums)	20	0	01-Sep-16 A	01-Sep-16 A													
ADMIN-996c-R	Payment for Insurance (Remainder for Annual Premiums)	20	20	29-Jun-17	18-Jul-17	512												
<b>Project Office Set-Up</b>		35	0	10-Sep-15 A	22-Apr-16 A													
ADMIN-190	CRC Set Up Facilities for Staff, RMA, Lab; Mobilize Prof. Services Staff	35	0	10-Sep-15 A	22-Apr-16 A													
<b>Project Management Plan (PMP)</b>		166	0	10-Sep-15 A	13-Apr-16 A													
ADMIN-006a	CRC Develop and Submit DQMP	10	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-006	CRC Develop and Submit Expanded Project Mgt. Plan (PMP) (Expt. DC	10	0	10-Sep-15 A	05-Jan-16 A													
ADMIN-007a	CTRMA Review/Approve DQMP	20	0	05-Oct-15 A	22-Jan-16 A													
ADMIN-007	CTRMA Review/Approve Project Management Plan (PMP)	20	0	17-Mar-16 A	13-Apr-16 A													
<b>Project Baseline Schedule</b>		34	0	10-Sep-15 A	27-Oct-15 A													
ADMIN-039	CRC Develop and Submit PBS-2 Schedule	18	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-040	CRC Develop and Submit Schedule of Values (SOV)	18	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-041	CTRMA Review/Approve PBS-2 Schedule and Schedule of Values	20	0	05-Oct-15 A	27-Oct-15 A													
<b>Website Development</b>		126	0	10-Sep-15 A	15-Mar-16 A													
ADMIN-037	CRC Develop and Submit Schematic Maps, Contact Info, Fact Sheets fr	15	0	10-Sep-15 A	15-Jan-16 A													
ADMIN-038	CTRMA Review/Approve Website Material	20	0	22-Feb-16 A	15-Mar-16 A													
<b>Environmental Contact Tree</b>		73	0	10-Sep-15 A	12-Apr-16 A													
ADMIN-042	CRC Develop and Submit Environmental Contact Tree	15	0	10-Sep-15 A	15-Dec-15 A													
ADMIN-043	CTRMA Review/Approve Environmental Contact Tree	20	0	16-Dec-15 A	12-Apr-16 A													
<b>Hazardous Material Management Plan</b>		73	0	10-Sep-15 A	12-Apr-16 A													
ADMIN-120	CRC Develop and Submit Hazardous Materials Management Plan (HMM	30	0	10-Sep-15 A	15-Dec-15 A													
ADMIN-121	CTRMA Review/Approve Hazardous Materials Management Plan (HMM	20	0	16-Dec-15 A	12-Apr-16 A													
<b>Community Relations</b>		1546	892	10-Sep-15 A	03-Dec-19	90												
ADMIN-930	Initial Coordination with Private and Public 3rd Parties [TP 5.2.14]	70	0	10-Sep-15 A	18-Dec-15 A													
ADMIN-X6	Env. Monit. / Quality Mgt / Patrol / Incidntl / Flagging	779	216	21-Feb-16 A	26-Jan-18	646												
ADMIN-X7	Warranties	30	30	03-Nov-19	03-Dec-19	90												
<b>Dispute Resolution Board</b>		78	0	10-Sep-15 A	11-Dec-15 A													
ADMIN-170	CRC Submit Selected Dispute Resolution Board Member for RMA Cons	42	0	10-Sep-15 A	20-Nov-15 A													
ADMIN-171	CTRMA Review/Approve Dispute Resolution Board Member	20	0	21-Nov-15 A	11-Dec-15 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020					
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2				
<b>Sustainability Plan</b>							96	0	10-Sep-15 A	08-Feb-16 A												
ADMIN-075	CRC Develop and Submit Sustainability Plan (Waste, Recycle, Idle, Nois	30	0	10-Sep-15 A	15-Jan-16 A																	
ADMIN-076	CTRMA Review/Approve Sustainability Plan	20	0	06-Jan-16 A	08-Feb-16 A																	
<b>Sulfate Protocol</b>							36	0	10-Sep-15 A	15-Apr-16 A												
ADMIN-009	CRC Develop and Submit Sulfate Protocol for RMA's Approval (pre-Sub	20	0	10-Sep-15 A	08-Oct-15 A																	
ADMIN-010	CTRMA Review/Approve Sulfate Protocol	20	0	09-Oct-15 A	15-Apr-16 A																	
<b>Geotechnical Instrumentation Plan</b>							36	0	10-Sep-15 A	29-Sep-15 A												
ADMIN-011	CRC Develop and Submit Geotechnical Instrumentation Plan (pre-Earth	20	0	10-Sep-15 A	16-Sep-15 A																	
ADMIN-012	CTRMA Review/Approve Geotechnical Instrumentation Plan	20	0	17-Sep-15 A	29-Sep-15 A																	
<b>Construction Monitoring Plan</b>							73	0	10-Sep-15 A	12-Apr-16 A												
ADMIN-078	CRC Develop and Submit Construction Monitoring Plan (CMP)	15	0	10-Sep-15 A	15-Dec-15 A																	
ADMIN-079	CTRMA Review/Approve Construction Monitoring Plan	20	0	16-Dec-15 A	12-Apr-16 A																	
<b>Subcontracting Plan</b>							47	0	10-Sep-15 A	09-Oct-15 A												
ADMIN-160	CRC Develop and Submit Procedure for Selection/Approval of Maj. Sub	30	0	10-Sep-15 A	25-Sep-15 A																	
ADMIN-161	CTRMA Review/Approve Subcontracting Plan	20	0	26-Sep-15 A	09-Oct-15 A																	
<b>Partnering</b>							47	0	10-Sep-15 A	23-Oct-15 A												
ADMIN-088	CRC Work w/CTRMA to Agree Upon Third-Party Partnering Facilitator	30	0	10-Sep-15 A	01-Oct-15 A																	
ADMIN-089	CTRMA Review/Approve Third-Party Partnering Facilitator	20	0	02-Oct-15 A	23-Oct-15 A																	
<b>Safety Plan</b>							892	468	10-Sep-15 A	15-Jun-19	79											
ADMIN-100	CRC Develop and Submit Health, Safety, Environmental and Security (H	30	0	10-Sep-15 A	19-Jan-16 A																	
ADMIN-101	CTRMA Receipt/Acceptance of CRC's Safety (HSES) Plan	20	0	20-Jan-16 A	10-Mar-16 A																	
ADMIN-X1	Development Mgt. / Outreach (Startup)	229	0	10-Sep-15 A	25-Apr-16 A																	
ADMIN-X4	Design QA/QC, Geotech, Survey (Execution)	280	0	10-Sep-15 A	15-Jun-16 A																	
ADMIN-X5	Design QA/QC, Geotech, Survey (Closeout)	123	0	21-May-16 A	21-Oct-16 A																	
ADMIN-X2	Development Mgt. / Outreach (Execution)	615	190	06-May-16 A	31-Dec-17	123																
ADMIN-X3	Development Mgt. / Outreach (Closeout)	531	531	01-Jan-18	15-Jun-19	123																
<b>Pre-Existing Conditions Documentation</b>							92	0	23-Nov-15 A	19-Feb-16 A												
ADMIN-103	CRC Photo/Video; Document Pre-Existing Conditions	10	0	23-Nov-15 A	19-Feb-16 A																	
ADMIN-104	CTRMA Review/Approve CRC's Pre-Existing Conditions Documentation	20	0	19-Feb-16 A	19-Feb-16 A																	
<b>Corridor Progression Plan</b>							169	0	02-May-16 A	23-Dec-16 A												
ADMIN-024	CRC Develop and Submit Corridor Progression Plan (Signal Timing)	165	0	02-May-16 A	16-Dec-16 A																	
ADMIN-025	CTRMA Review/Approve Corridor Progression Plan (Signal Timing)	20	0	19-Dec-16 A	23-Dec-16 A																	
<b>Capital Metro Transit Authority (CMTA)</b>							170	0	10-Sep-15 A	26-Aug-16 A												
<b>Right-of-Entry Agreement</b>							170	0	10-Sep-15 A	26-Aug-16 A												
ADMIN-980	CRC Develop/Submit Right-of-Entry Agreement [Covered by PDA]	30	0	10-Sep-15 A	17-Nov-15 A																	
ADMIN-978	Initial Coordination with CapMetro	40	0	19-Jan-16 A	15-Apr-16 A																	
ADMIN-985	CapMetro Review/Approve Right-of-Entry Agreement	10	0	04-Apr-16 A	07-Jun-16 A																	
ADMIN-979	CRC Conduct/Facilitate Railroad Training	15	0	26-Aug-16 A	26-Aug-16 A																	
<b>Federal Aviation Administration</b>							60	0	13-Oct-15 A	13-Apr-16 A												
<b>FAA 7460-1 Permit</b>							60	0	13-Oct-15 A	13-Apr-16 A												
ADMIN-415	CRC Obtain FAA Permit 7460-1	60	0	13-Oct-15 A	13-Apr-16 A																	
<b>FEMA</b>							39	0	21-Feb-16 A	15-Mar-16 A												
<b>404 Permit</b>							39	0	21-Feb-16 A	15-Mar-16 A												
ADMIN-218	CRC Obtain NOI Authorizations (Incl. 401 Permit / Water Crossings)	41	0	22-Feb-16 A	11-Mar-16 A																	
ADMIN-940	Coordination With Local Floodplain Administrators and FEMA as Requir	60	0	21-Feb-16 A	15-Mar-16 A																	
<b>Tx Commission on Env. Quality (TCEQ)</b>							60	0	20-Jan-16 A	21-Mar-16 A												
<b>TPDES Permit</b>							60	0	20-Jan-16 A	21-Mar-16 A												
ADMIN-318	CRC Obtain TCEQ TPDES Permits	60	0	20-Jan-16 A	21-Mar-16 A																	
<b>Travis County</b>							41	0	22-Feb-16 A	15-Mar-16 A												

183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Development Permit</b>		41	0	22-Feb-16 A	15-Mar-16 A													
ADMIN-210	CRC Obtain Travis County Development Permit	41	0	22-Feb-16 A	15-Mar-16 A													
<b>US Army Corp. of Engineers (USACE)</b>		60	0	21-Feb-16 A	15-Mar-16 A													
<b>NWP #14</b>		60	0	21-Feb-16 A	15-Mar-16 A													
ADMIN-182	CRC Coordination With USACE as Required	60	0	21-Feb-16 A	15-Mar-16 A													
<b>Advisory Council on Historic Preservation</b>		60	0	01-Dec-15 A	02-Dec-15 A													
<b>Section 106 Permit</b>		60	0	01-Dec-15 A	02-Dec-15 A													
ADMIN-016	CRC Obtain NHPA Sect. 106 Permit & Possible NFIP Authorization [Not	60	0	01-Dec-15 A	02-Dec-15 A													
<b>Right-of-Way Acquisition</b>		180	0	10-Sep-15 A	07-Mar-16 A													
<b>Acquisition by the Mobility Authority</b>		180	0	10-Sep-15 A	07-Mar-16 A													
ROW0010	CRC Work with Mobility Authority to Acquire Schematic Right-of-Way (R	180	0	10-Sep-15 A	07-Mar-16 A													
<b>Parcel #32 Southwestern Bell</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0032	Mobility Authority Acquire Parcel #32 - Southwestern Bell Telephone	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #62 City of Austin</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0062	Mobility Authority Acquire Parcel #62 - City of Austin	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #113 YMCA</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0113	Mobility Authority Acquire Parcel #113 - YMCA	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #114 Dr. Arami Masoud</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0114	Mobility Authority Acquire Parcel #114 - Dr. Arami Masoud	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #117 Ferneau Investments</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0117	Mobility Authority Acquire Parcel #117 - Ferneau Investments	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #118 City of Austin</b>		180	0	10-Sep-15 A	07-Mar-16 A													
ROW0118	Mobility Authority Acquire Parcel #118 - City of Austin	180	0	10-Sep-15 A	07-Mar-16 A													
<b>Parcel #120 Hewlett-Packard</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0120	Mobility Authority Acquire Parcel #120 - Hewlett-Packard	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #125 CapMetro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0125	Mobility Authority Acquire Parcel #125 - CapMetro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #126 YMCA</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0126	Mobility Authority Acquire Parcel #126 - YMCA	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #127 East Side Church of Christ</b>		180	0	10-Sep-15 A	20-Jan-16 A													
ROW0127	Mobility Authority Acquire Parcel #127 - East Side Church of Christ	180	0	10-Sep-15 A	20-Jan-16 A													
<b>Parcel #128 Travis County Trustee</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0128	Mobility Authority Acquire Parcel #128 - Travis County Trustee	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #129 MFPD Ed Bluestein, LLC</b>		180	0	10-Sep-15 A	22-Jan-16 A													
ROW0129	Mobility Authority Acquire Parcel #129 - MFPD Ed Bluestein, LLC	180	0	10-Sep-15 A	22-Jan-16 A													
<b>Parcel #130 City of Austin</b>		180	0	10-Sep-15 A	22-Jan-16 A													
ROW0130	Mobility Authority Acquire Parcel #130 - City of Austin	180	0	10-Sep-15 A	22-Jan-16 A													
<b>Parcel #131 Daniel C. Castro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0131	Mobility Authority Acquire Parcel #131 - Daniel C. Castro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #132 Brian Evans &amp; Yoon Sin Kim</b>		180	0	10-Sep-15 A	20-Jan-16 A													
ROW0132	Mobility Authority Acquire Parcel #132 - Brian Evans and Yoon Sin Kim	180	0	10-Sep-15 A	20-Jan-16 A													
<b>Parcel #134 State of Texas</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0134	Mobility Authority Acquire Parcel #134 - State of Texas	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #149 CapMetro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0149	Mobility Authority Acquire Parcel #149 - CapMetro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #154 MWI-KOC, LLC</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0154	Mobility Authority Acquire Parcel #154 - MWI-KOC, LLC	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #155 Sunbelt Cleveland Properties, LLC</b>		180	0	10-Sep-15 A	20-Jan-16 A													
ROW0155	Mobility Authority Acquire Parcel #155 - Sunbelt Cleveland Properties, LL	180	0	10-Sep-15 A	20-Jan-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
<b>Parcel #157 William Selman</b>																								
ROW0157	Mobility Authority Acquire Parcel #157 - William Selman	180	0	10-Sep-15 A	04-Mar-16 A																			
<b>Parcel #158 422 Bastrop Hwy LTD</b>																								
ROW0158	Mobility Authority Acquire Parcel #158 - Bastrop Hwy LTD	180	0	10-Sep-15 A	20-Jan-16 A																			
<b>Utility Adjustments</b>																								
<b>Utility Coordination</b>																								
<b>Administration and Planning</b>																								
<b>Site Utility Engineering</b>																								
DUTCP-0010	Conduct Subsurface Utility Engineering (SUE)	20	0	10-Sep-15 A	19-Nov-15 A																			
DUTCP-0020	Conduct Meetings with Utility Owners	15	0	11-Sep-15 A	19-Nov-15 A																			
<b>Conceptual Design</b>																								
DUTCP-0030	Prepare Initial Utility Adjustment Concept Plan (UACP) (Incl. Strip Map)	20	0	10-Sep-15 A	10-Nov-15 A																			
DUTCP-0040	Determine Conflict Status / Easement Requirements	10	0	26-Sep-15 A	10-Nov-15 A																			
<b>Alpheus</b>																								
DUAALPH-95	Negotiate Ts&Cs / Execute MUA - Alpheus	30	0	10-Sep-15 A	17-Feb-17 A																			
<b>AT&amp;T Long Distance (LD)</b>																								
DUAFO1-95	Master Utility Agreement Approved for Construction - ATT Long Distanc	1	0	28-Mar-16 A	28-Mar-16 A																			
DUAFO1-105	Negotiate Ts&Cs Master Utility Assembly Agreement - ATT Long Distanc	80	0	10-Sep-15 A	29-Mar-16 A																			
DUAFO1-008	Design & Execute Amendment Package 08 - ATT	50	0	10-Sep-15 A	10-Feb-17 A																			
<b>Austin Energy [E0]</b>																								
<b>Master Agreements</b>																								
DUAEO-0010	Negotiate Ts&Cs / Execute MUA - Austin Energy	80	0	10-Sep-15 A	20-May-16 A																			
<b>Utility Assemblies</b>																								
DUAEO-020	Design Utility Relocation Packet 02 - Austin Energy (3.0)	130	0	10-Sep-15 A	06-Jun-16 A																			
DUAEO-021	CTRMA/Utility Owner Reviews Packet 02 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A																			
DUAEO-21	Design Utility Relocation Packet 03 - Austin Energy (3.1)	130	0	10-Sep-15 A	06-Jun-16 A																			
DUAEO-31	CTRMA/Utility Owner Reviews Packet 03 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A																			
DUAEO-61	Design Utility Relocation Packet 01 - Austin Energy (PS51138)	130	0	10-Sep-15 A	06-Jun-16 A																			
DUAEO-71	CTRMA/Utility Owner Reviews Packet 01 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A																			
DUAEO-121	Design Utility Relocation Packet 07 - Austin Energy (SRB)	130	0	10-Sep-15 A	17-Aug-16 A																			
DUAEO-101	Design Utility Relocation Packet 06 - Austin Energy (YMCA)	130	0	10-Sep-15 A	20-Aug-16 A																			
DUAEO-41	Design Utility Relocation Packet 04 - Austin Energy (4.1)	130	0	10-Sep-15 A	15-Sep-16 A																			
DUAEO-81	Design Utility Relocation Packet 05 - Austin Energy (3.2)	130	0	10-Sep-15 A	15-Sep-16 A																			
DUAEO-111	CTRMA/Utility Owner Reviews Packet 06 - Austin Energy / RFC	20	0	26-Sep-16 A	21-Oct-16 A																			
DUAEO-131	CTRMA/Utility Owner Reviews Packet 07 - Austin Energy / RFC	20	0	26-Sep-16 A	21-Oct-16 A																			
DUAEO-91	CTRMA/Utility Owner Reviews Packet 05 - Austin Energy / RFC	20	0	14-Sep-16 A	25-Oct-16 A																			
DUAEO-141	Design Utility Relocation Packet 08 - Austin Energy (3.4)	130	0	10-Sep-15 A	08-Nov-16 A																			
DUAEO-51	CTRMA/Utility Owner Reviews Packet 04 - Austin Energy / RFC	20	0	19-Sep-16 A	09-Nov-16 A																			
DUAEO-151	CTRMA/Utility Owner Reviews Packet 08 - Austin Energy / RFC	20	0	08-Nov-16 A	09-Nov-16 A																			
DUAEO-161	Design Utility Relocation Packet 09 - Austin Energy (4.2)	130	0	10-Sep-15 A	08-Dec-16 A																			
DUAEO-171	CTRMA/Utility Owner Reviews Packet 09 - Austin Energy / RFC	20	0	09-Dec-16 A	15-Dec-16 A																			
DUAEO-181	Design Utility Relocation Packet 10 - Austin Energy (4.3)	130	0	10-Sep-15 A	19-Jan-17 A																			
DUAEO-201	Design Utility Relocation Packet 11 - Austin Energy (combined with 4.3)	130	0	10-Sep-15 A	19-Jan-17 A																			
DUAEO-191	CTRMA/Utility Owner Reviews Packet 10 - Austin Energy / RFC	20	0	20-Jan-17 A	10-May-17 A																			
DUAEO-211	CTRMA/Utility Owner Reviews Packet 11 - Austin Energy / RFC	20	0	20-Jan-17 A	10-May-17 A																			
<b>Joint Trench</b>																								
DUJT-121-2	Mod Subcontract/Procure Materials Utility Relo (Tel 2.1) - ATT, Cent Link	40	0	15-Sep-15 A	01-Mar-17 A																			
DUJT-120-1	Design Improvements Utility Relo (Tel 2.0) - ATT, Cent Link, Grande, TV	130	0	24-May-16 A	28-Nov-16 A																			

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUJT-120-2	Mod Subcontract/Procure Materials Utility Relo (Tel 2.0) - ATT, Cent Link	25	0	23-Jan-17 A	01-Mar-17 A													
<b>Utility Assemblies</b>		380	0	15-Sep-15 A	19-Aug-16 A													
DUJT-0110	Design Utility Relo (Tel 1.0) - ATT, Cent Link, Grande, Level 3, TWC, FC	130	0	15-Sep-15 A	14-Apr-16 A													
DUJT-0111	Design Utility Relo (Tel 1.1) - ATT, Cent Link (Joint Trench)	130	0	15-Sep-15 A	14-Apr-16 A													
DUJT-0112	Design/Procure Utility Relo (Tel 1.2) - ATT, Cent Link, Grande, Level 3, T	130	0	15-Sep-15 A	19-Apr-16 A													
DUJT-0113	Design Utility Relo (Tel 1.3) - ATT, Cent Link, Grande, Level 3, TWC, MC	130	0	15-Sep-15 A	03-May-16 A													
DUJT-0120	Design Utility Relo (Tel 2.0) - ATT, Cent Link, Grande, TWC, MCI (Joint	130	0	15-Sep-15 A	23-May-16 A													
DUJT-0121	Design Utility Relo (Tel 2.1) - ATT, Cent Link, Grande, TWC, MCI (Joint	130	0	15-Sep-15 A	19-Aug-16 A													
<b>AT&amp;T Telecom [FO1]</b>		229	26	10-Sep-15 A	02-Aug-17	5												
<b>Master Agreements</b>		97	0	10-Sep-15 A	29-Feb-16 A													
DUAFO1-010	Negotiate Ts&Cs Master Utility Assembly Agreement - ATT	80	0	10-Sep-15 A	02-Feb-16 A													
DUAFO1-030	Master Utility Agreement Approved for Construction - ATT	1	0	29-Feb-16 A	29-Feb-16 A													
<b>Utility Assemblies</b>		229	26	10-Sep-15 A	02-Aug-17	5												
DUAFO1-021	CTRMA/Utility Owner Reviews (MUA) - ATT	20	0	10-Oct-15 A	29-Feb-16 A													
DUAFO1-002	Execute Amendment Package (Incl. Pkg 02 in MUA) - ATT	2	0	29-Feb-16 A	29-Feb-16 A													
DUAFO1-020	Design Amendment Package (incl. Pkg 02 in MUA) - ATT	60	0	10-Sep-15 A	17-Mar-16 A													
DUAFO1-070	CRC Obtain Utility Easement - ATT_003, US 183 X-ing, Sta. 278+38 (RT	120	0	10-Dec-15 A	12-Apr-16 A													
DUAFO1-075	CRC Obtain Utility Easement - ATT_005, Golf course driveway, Sta. 313	120	0	10-Dec-15 A	06-May-16 A													
DUAFO1-090	CRC Obtain Utility Easement - ATT_006 (2), N. and S. of Tracor Ln., Sta	120	0	10-Dec-15 A	06-May-16 A													
DUAFO1-080	CRC Obtain Utility Easement - ATT_007, PUE, Sta. 375+44	120	0	10-Dec-15 A	24-May-16 A													
DUAFO1-085	CRC Obtain Utility Easement - ATT_007, N. of Technicenter, Sta. 369+6	120	0	10-Dec-15 A	24-May-16 A													
DUAFO1-003	Design & Execute Amendment Package 03 - ATT	50	0	10-Sep-15 A	09-Jun-16 A													
DUAFO1-004	Design & Execute Amendment Package 04 - ATT	30	0	10-Sep-15 A	27-Jun-16 A													
DUAFO1-005	Design & Execute Amendment Package 05 - ATT	20	0	10-Sep-15 A	16-Aug-16 A													
DUAFO1-006	Design & Execute Amendment Package 06 - ATT	50	0	10-Sep-15 A	18-Aug-16 A													
DUAFO1-007	Design & Execute Amendment Package 07 - ATT	50	0	10-Sep-15 A	03-Jan-17 A													
DUAFO1-009	Design & Execute Amendment Package 09 - ATT	50	0	08-Jan-17 A	10-Feb-17 A													
DUAFO1-095	CRC Obtain Utility Easement - ATT_052, Wells Fargo, Sta. 3583+96 (R1	120	27	10-Dec-15 A	02-Aug-17	6												
<b>Century Link (Qwest) [FO2]</b>		356	0	10-Sep-15 A	29-Mar-17 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	12-May-16 A													
DUAFO2-0010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Century	80	0	10-Sep-15 A	12-May-16 A													
<b>Utility Assemblies</b>		356	0	10-Sep-15 A	29-Mar-17 A													
DUAFO2-019	Design Utility Relocation (North) - Century Link	60	0	10-Sep-15 A	13-May-16 A													
DUAFO2-0060	CRC Executes MUAA w/Assembly Package (North) - Century Link	10	0	13-May-16 A	18-May-16 A													
DUAFO2-0030	Utility Agreement Approved for Construction (North) - Century Link	1	0	20-May-16 A	20-May-16 A													
DUAFO2-021	CTRMA/Utility Owner Reviews (North) - Century Link	20	0	17-Feb-16 A	01-Jul-16 A													
DUAFO2-0040	Prepare Assembly Package (North) - Century Link	30	0	20-May-16 A	15-Jul-16 A													
DUAFO2-0050	MA Review/Approve Assembly Package (North) - Century Link	10	0	20-May-16 A	29-Jul-16 A													
DUAFO2-020	Design Utility Relocation (South) - Century Link	60	0	10-Sep-15 A	22-Sep-16 A													
DUAFO2-022	CTRMA/Utility Owner Reviews (South) - Century Link	16	0	20-May-16 A	07-Oct-16 A													
DUAFO2-0035	Utility Agreement Approved for Construction (South) - Century Link	1	0	10-Oct-16 A	10-Oct-16 A													
DUAFO2-0045	Prepare Assembly Package (South) - Century Link	11	0	24-Oct-16 A	09-Dec-16 A													
DUAFO2-0055	MA Review/Approve Assembly Package (South) - Century Link	10	0	10-Dec-16 A	21-Mar-17 A													
DUAFO2-0070	CRC Executes MUAA w/Assembly Package (South) - Century Link	10	0	22-Mar-17 A	29-Mar-17 A													
<b>Grande Communication [FO8]</b>		301	0	10-Sep-15 A	23-Dec-16 A													
<b>Utility Assemblies</b>		301	0	10-Sep-15 A	23-Dec-16 A													
DUAFO8-020	Design Utility Relocation - Grande	60	0	10-Sep-15 A	24-Oct-16 A													
DUAFO8-021	CTRMA/Utility Owner Reviews - Grande	20	0	14-Jun-16 A	24-Oct-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUAFO8-040	Prepare Assembly Package - Grande	10	0	18-Nov-16 A	18-Nov-16 A													
DUAFO8-050	MA Review/Approve Assembly Package - Grande	10	0	21-Nov-16 A	22-Nov-16 A													
DUAFO8-060	CRC Executes Completed MUAA w/Assembly Package - Grande	10	0	23-Nov-16 A	23-Dec-16 A													
<b>Master Agreements</b>		273	0	10-Sep-15 A	24-Oct-16 A													
DUAFO8-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Grande	80	0	10-Sep-15 A	05-May-16 A													
DUAFO8-030	Utility Agreement Approved for Construction - Grande	1	0	24-Oct-16 A	24-Oct-16 A													
<b>Level 3 [FO3]</b>		450	53	10-Sep-15 A	13-Sep-17	3												
<b>Master Agreements</b>		438	16	26-Oct-15 A	18-Jul-17	24												
DUAFO3-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Level 3	80	15	26-Oct-15 A	17-Jul-17	25												
DUAFO3-030	Utility Agreement Approved for Construction - Level 3	1	1	18-Jul-17	18-Jul-17	4												
<b>Utility Assemblies</b>		450	53	10-Sep-15 A	13-Sep-17	3												
DUAFO3-020	Design Utility Relocation - Level 3	60	0	10-Sep-15 A	20-Aug-16 A													
DUAFO3-021	CTRMA/Utility Owner Reviews - Level 3	20	15	15-Aug-16 A	17-Jul-17	4												
DUAFO3-040	Prepare Assembly Package - Level 3	20	20	19-Jul-17	15-Aug-17	4												
DUAFO3-050	MA Review/Approve Assembly Package - Level 3	10	10	16-Aug-17	29-Aug-17	4												
DUAFO3-060	CRC Executes Completed MUAA w/Assembly Package - Level 3	10	10	30-Aug-17	13-Sep-17	4												
<b>MCI Fiber Optic [FO4]</b>		271	0	10-Sep-15 A	09-Nov-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	16-May-16 A													
DUAFO4-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement (Civil) - MCI	80	0	10-Sep-15 A	16-May-16 A													
<b>Utility Assemblies</b>		271	0	10-Sep-15 A	09-Nov-16 A													
DUAFO4-020	Design Utility Relocation Packet 01 (Civil) - MCI	60	0	10-Sep-15 A	03-May-16 A													
DUAFO4-60	Design Utility Relocation Packet 02 (Cable) - MCI	60	0	10-Sep-15 A	03-May-16 A													
DUAFO4-040	Prepare Assembly Package 01 (Civil) - MCI (Incl. 1.3 & 2.0)	5	0	05-Jul-16 A	20-Oct-16 A													
DUAFO4-90	Prepare Assembly Package 02 (Cable) - MCI	30	0	08-Aug-16 A	23-Oct-16 A													
DUAFO4-050	CRC Executes Assembly Package 01 (Civil) - MCI	10	0	20-Oct-16 A	24-Oct-16 A													
DUAFO4-110	CRC Executes Completed MUAA w/Assem. Pkg 02 - MCI	10	0	23-Oct-16 A	24-Oct-16 A													
DUAFO4-060	MA Approve/Executes Assem. Package 01 - MCI	10	0	25-Oct-16 A	09-Nov-16 A													
DUAFO4-100	MA Review/Approve Assembly Package 02 (Cable) - MCI	10	0	25-Oct-16 A	09-Nov-16 A													
<b>Telepacific [FO9]</b>		463	66	10-Sep-15 A	04-Oct-17	99												
<b>Utility Assemblies</b>		463	66	10-Sep-15 A	04-Oct-17	99												
DUAFO9-020	Design Utility Relocation - Telepacific	60	0	10-Sep-15 A	20-Aug-16 A													
DUAFO9-021	CTRMA/Utility Owner Reviews - Telepacific	20	20	12-Nov-16 A	24-Jul-17	101												
DUAFO9-040	Prepare Assembly Package - Telepacific	30	30	26-Jul-17	06-Sep-17	102												
DUAFO9-050	MA Review/Approve Assembly Package - Telepacific	10	10	07-Sep-17	20-Sep-17	99												
DUAFO9-060	CRC Executes Completed MUAA w/Assembly Package - Telepacific	10	10	21-Sep-17	04-Oct-17	102												
<b>Master Agreements</b>		443	1	26-Oct-15 A	25-Jul-17	132												
DUAFO9-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Telepac	80	0	26-Oct-15 A	11-Nov-16 A													
DUAFO9-030	Utility Agreement Approved for Construction - Telepacific	1	1	25-Jul-17	25-Jul-17	102												
<b>Time Warner Cable [CATV0]</b>		267	0	10-Sep-15 A	11-Nov-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	10-Nov-15 A													
DUACV0-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement (Civil) - T	80	0	10-Sep-15 A	10-Nov-15 A													
<b>Utility Assemblies</b>		267	0	10-Sep-15 A	11-Nov-16 A													
DUACV0-020	Design Utility Relocation (Civil) - Time Warner (Packet 01)	60	0	10-Sep-15 A	17-Mar-16 A													
DUACV0-60	Design Utility Relocation (Cable) - Time Warner	60	0	10-Sep-15 A	19-Apr-16 A													
DUACV0-021	CTRMA/Utility Owner Reviews (Civil) - Time Warner (Packet 01)	20	0	08-Mar-16 A	27-Oct-16 A													
DUACV0-040	Prepare Assembly Package (Civil) - Time Warner (Packet 01)	20	0	21-Mar-16 A	28-Oct-16 A													
DUACV0-050	MA Review/Approve Assembly Package (Civil) - Time Warner (Packet C	10	0	28-Oct-16 A	11-Nov-16 A													
<b>Enterprise Products [PL3]</b>		265	0	10-Sep-15 A	30-Aug-16 A													
<b>Utility Assemblies</b>		265	0	10-Sep-15 A	30-Aug-16 A													

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUAPL3-020	Design Utility Relocation - Enterprise	70	0	10-Sep-15 A	18-Aug-16 A													
DUAPL3-040	Prepare Assembly Package - Enterprise	30	0	20-Aug-16 A	30-Aug-16 A													
DUAPL3-050	MA Review/Approve Assembly Package, Utility Agreement - Enterprise	5	0	22-Aug-16 A	30-Aug-16 A													
DUAPL3-060	CRC Executes Completed MUAA w/Assembly Package - Enterprise	1	0	29-Aug-16 A	30-Aug-16 A													
DUAPL3-021	CTRMA/Utility Owner Reviews - Enterprise	20	0	19-Aug-16 A	30-Aug-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	01-Jul-16 A													
DUAPL3-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Enterpr	80	0	10-Sep-15 A	01-Jul-16 A													
<b>Energy Transfer (Houston) [PL1]</b>		416	0	10-Sep-15 A	25-Jun-17 A													
<b>Master Agreements</b>		386	0	10-Sep-15 A	15-May-17 A													
DUAPL1-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Energy	80	0	10-Sep-15 A	08-Apr-16 A													
DUAPL1-030	Utility Agreement Approved for Construction (Co River) - Energy Transf	1	0	01-May-17 A	15-May-17 A													
DUAPL1-80	Utility Agreement Approved for Construction (Mont to 71) - Energy Trans	1	0	01-May-17 A	15-May-17 A													
<b>Utility Assemblies</b>		416	0	10-Sep-15 A	25-Jun-17 A													
DUAPL1-020	Design Utility Relocation (Co River) - Energy Transfer	130	0	10-Sep-15 A	18-Jul-16 A													
DUAPL1-60	Design Utility Relocation (Mont to 71) - Energy Transfer	130	0	10-Sep-15 A	20-Jan-17 A													
DUAPL1-021	CTRMA/Utility Owner Reviews (Co River) - Energy Transfer	20	0	25-Jul-16 A	28-Apr-17 A													
DUAPL1-040	Prepare Assembly Package (Co River) - Energy Transfer	20	0	01-May-17 A	15-May-17 A													
DUAPL1-050	MA Review/Approve Assembly Pkg, Utility Agreement (Co River) - Enerç	10	0	01-May-17 A	15-May-17 A													
DUAPL1-060	CRC Executes Completed MUAA w/Assembly Pkg (Co River) - Energy	10	0	01-May-17 A	15-May-17 A													
DUAPL1-90	Prepare Assembly Package (Mont to 71) - Energy Transfer	20	0	01-May-17 A	15-May-17 A													
DUAPL1-70	CTRMA/Utility Owner Reviews (Mont to 71) - Energy Transfer	20	0	15-Aug-16 A	15-May-17 A													
DUAPL1-100	MA Review/Approve Assembly Pkg, Utility Agreement (Mont to 71) - Ene	10	0	15-May-17 A	07-Jun-17 A													
DUAPL1-110	CRC Executes Completed MUAA w/Assembly Pkg (Mont to 71) - Energ	10	0	08-Jun-17 A	25-Jun-17 A													
<b>Kinder Morgan Gas [PL2]</b>		149	0	10-Sep-15 A	20-Jun-16 A													
<b>Master Agreements</b>		81	0	10-Sep-15 A	28-Jan-16 A													
DUAPL2-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Kinder I	80	0	10-Sep-15 A	28-Jan-16 A													
DUAPL2-030	Utility Agreement Approved for Construction - Kinder Morgan	1	0	28-Jan-16 A	28-Jan-16 A													
<b>Utility Assemblies</b>		149	0	10-Sep-15 A	20-Jun-16 A													
DUAPL2-020	Design Utility Relocation - Kinder Morgan	70	0	10-Sep-15 A	12-Jan-16 A													
DUAPL2-021	CTRMA/Utility Owner Reviews - Kinder Morgan	20	0	20-Jan-16 A	08-Feb-16 A													
DUAPL2-060	CRC Executes Completed MUAA w/Assembly Package - Kinder Morgan	10	0	09-Feb-16 A	16-Feb-16 A													
DUAPL2-60	Kinder-Morgan Procure Contractor	60	0	15-Feb-16 A	20-Jun-16 A													
<b>Texas Gas Service [G0]</b>		357	0	10-Sep-15 A	21-Apr-17 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	11-Jan-16 A													
DUAG0-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Texas (	80	0	10-Sep-15 A	11-Jan-16 A													
<b>Utility Assemblies</b>		357	0	10-Sep-15 A	21-Apr-17 A													
DUAG0-060	CRC Executes Completed MUAA - Texas Gas	10	0	05-Jan-16 A	11-Jan-16 A													
DUAG0-050	MA Review/Approve Assembly Package, Utility Agreement (#1) - Texas	10	0	17-May-16 A	31-May-16 A													
DUAG0-020	Design Utility Relocation (N. Colorado River) - Texas Gas	130	0	10-Sep-15 A	22-Jun-16 A													
DUAG0-021	CTRMA/Utility Owner Reviews (N. Colorado River) - Texas Gas	20	0	11-Feb-16 A	17-Aug-16 A													
DUAG0-60	Design Utility Relocation (S. Colorado River) - Texas Gas	130	0	10-Sep-15 A	31-Oct-16 A													
DUAG0-70	CTRMA/Utility Owner Reviews (S. Colorado River) - Texas Gas	20	0	11-Feb-16 A	31-Oct-16 A													
DUAG0-90	Prepare Assembly Package (#2) - Texas Gas	30	0	27-Jun-16 A	11-Nov-16 A													
DUAG0-055	MA Review/Approve Assembly Package, Utility Agreement (#2) - Texas	11	0	21-Nov-16 A	16-Dec-16 A													
DUAG0-040	Prepare Assembly Package (#3) - Texas Gas	30	0	01-Aug-16 A	22-Mar-17 A													
DUAG0-110	Prepare Assembly Package (#4) - Texas Gas	30	0	01-Aug-16 A	22-Mar-17 A													
DUAG0-100	MA Review/Approve Assembly Package, Utility Agreement (#3) - Texas	10	0	25-Mar-17 A	21-Apr-17 A													
DUAG0-120	MA Review/Approve Assembly Package, Utility Agreement (#4) - Texas	10	0	25-Mar-17 A	21-Apr-17 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>City of Austin [FM0, RW0, W0, WW0]</b>		842	418	10-Sep-15 A	28-Mar-19	222												
<b>Utility Assemblies</b>		824	418	10-Sep-15 A	28-Mar-19	222												
CEASW0-033	CRC Obtain Easement (E17B), Relo W048/W051/W057, Sta. 369+00 to 379+00	120	0	22-Nov-15 A	20-Jan-16 A													
CEASW0-030	CRC Obtain Easement (E17C), Relo W057/W061, Sta. 369+00 to 379+00	120	0	07-Nov-15 A	20-Jan-16 A													
CEASW0-016	CRC Obtain Easement (E06A), Relo W024/W029, Sta. 275+50 to 291+50	200	0	07-Nov-15 A	20-Jan-16 A													
CEASW0-433	CRC Obtain Easement (E16), Relo W048, Sta. 363+00 to 367+00	120	0	14-Dec-15 A	20-Jan-16 A													
CEASW0-443	CRC Obtain Easement (E17A), Relo W048, Sta. 369+00 to 379+00	120	0	14-Dec-15 A	20-Jan-16 A													
CEASWW0-003	CRC Obtain Easement (E01), Relo WW001, Sta. 232+00 to 237+00	200	0	07-Nov-15 A	21-Jan-16 A													
CEASW0-253	CRC Obtain PUA (E15), Relo W048, Sta. 350+00 to 356+00	120	0	07-Nov-15 A	01-Feb-16 A													
CEASW0-363	CRC Obtain PUA (E03), Relo W015, Sta. 243+00	200	0	14-Dec-15 A	01-Feb-16 A													
CEASW0-027	CRC Obtain PUA (E07B), Relo W019, Sta. 280+00	200	0	14-Dec-15 A	01-Feb-16 A													
CEASW0-503	CRC Obtain Easement (E18D), Relo W053/W054, Sta. 380+00 to 402+00	120	0	14-Dec-15 A	01-Feb-16 A													
CEASW0-040	CRC Obtain Easement (E18E), Relo W053/W054/W063/W083, Sta. 380+00 to 402+00	200	0	07-Nov-15 A	01-Feb-16 A													
CEASW0-533	CRC Obtain Easement (E23C), Relo W075, Sta. 471+00 to 489+00	200	0	14-Dec-15 A	01-Feb-16 A													
CEASW0-027-1	CRC Obtain PUA (E07B-1), Relo W019, Sta. 280+00	200	0	14-Dec-15 A	01-Feb-16 A													
CEASW0-011	CRC Obtain Easement (E02B-T), Relo W011-2/W014/W015, Sta. 240+00 to 244+00	200	0	07-Nov-15 A	12-Feb-16 A													
CEASW0-213	CRC Obtain Easement (E02A-T), Relo W011-1, Sta. 235+50 to 240+00	200	0	07-Nov-15 A	12-Feb-16 A													
CEASW0-025	CRC Obtain Easement (E11C), Relo W040/W043, Sta. 320+00 to 331+00	200	0	27-Dec-15 A	12-Feb-16 A													
CEASW0-243	CRC Obtain Easement (E14), Relo W045, Sta. 337+50 to 340+50	200	0	07-Nov-15 A	12-Feb-16 A													
CEASW0-041	CRC Obtain Easement (E12C), Relo W041, Sta. 321+00 to 340+00	200	0	07-Nov-15 A	12-Feb-16 A													
CEASW0-105	CRC Obtain Easement (E38A), Relo W105/W107, Sta. 546+00 to 547+00	200	0	14-Dec-15 A	12-Feb-16 A													
CEASW0-107	CRC Obtain Easement (E38B), Relo W105/W107, Sta. 547+50 to 551+00	200	0	14-Dec-15 A	12-Feb-16 A													
CEASW0-017	CRC Obtain Easement (E07A), Relo W019, Sta. 280+00	200	0	07-Nov-15 A	12-Feb-16 A													
CEASWW0-005	CRC Obtain Easement (E09), Relo WW005/WW087	200	0	27-Dec-15 A	12-Feb-16 A													
CEASW0-413	CRC Obtain Easement (E12D), Relo W041, Sta. 321+00 to 340+00	200	0	14-Dec-15 A	12-Feb-16 A													
CEASW0-493	CRC Obtain Easement (E18C), Relo W053/W054, Sta. 373+00 to 380+00	120	0	14-Dec-15 A	12-Feb-16 A													
CEASW0-543	CRC Obtain Easement (E23D), Relo W075, Sta. 471+00 to 489+00	200	0	14-Dec-15 A	12-Feb-16 A													
CEASW0-303	CRC Obtain Easement (E39), Relo W112/W114-1, Sta. 560+00	200	0	27-Dec-15 A	19-Feb-16 A													
DUAW-P01.2	Design City of Austin Utility Relocation Packet 01 to RFC	60	0	10-Sep-15 A	02-Mar-16 A													
DUAW-P01.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet 01 to RFC	10	0	08-Oct-15 A	02-Mar-16 A													
CEASWW0-74	CRC Obtain Easement (E22B), Relo WW018/WW019, Sta. 445+00 to 449+00	200	0	07-Nov-15 A	07-Mar-16 A													
CEASW0-463	CRC Obtain Easement (E19A), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	07-Mar-16 A													
CEASW0-024	CRC Obtain PUA (E10A), Relo W033 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	17-Mar-16 A													
CEASW0-233	CRC Obtain PUA (E10B), Relo W037 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	17-Mar-16 A													
CEASW0-383	CRC Obtain PUA (E12A), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	17-Mar-16 A													
CEASW0-393	CRC Obtain PUA (E12B), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	17-Mar-16 A													
CEASW0-403	CRC Obtain PUA (E12F), Relo W037/WW087 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	17-Mar-16 A													
CEASW0-523	CRC Obtain PUA (E23B), Relo W075, Sta. 471+00 to 489+00	200	0	14-Dec-15 A	17-Mar-16 A													
CEASW0-055	CRC Obtain PUA (E23A), Relo W075, Sta. 471+00 to 489+00	200	0	07-Nov-15 A	22-Mar-16 A													
DUAW-P02.2	Design City of Austin Utility Relocation Packet 02 to RFC	60	0	10-Sep-15 A	15-Apr-16 A													
DUAW-P05.2	Design City of Austin Utility Relocation Packet 05 to RFC	60	0	10-Sep-15 A	24-Apr-16 A													
DUAW-P06.2	Design City of Austin Utility Relocation Packet 06 to RFC	60	0	10-Sep-15 A	27-Apr-16 A													
DUAW-P08.2	Design City of Austin Utility Relocation Packet 08 to RFC	60	0	10-Sep-15 A	02-May-16 A													
DUAW-P04.2	Design City of Austin Utility Relocation Packet 04 to RFC	60	0	10-Sep-15 A	04-May-16 A													
DUAW-P11.2	Design City of Austin Utility Relocation Packet 11 to RFC	60	0	10-Sep-15 A	12-May-16 A													
DUAW-P07.2	Design City of Austin Utility Relocation Packet 07 to RFC	60	0	10-Sep-15 A	20-May-16 A													
DUAW-P02.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet 02 to RFC	10	0	08-Oct-15 A	02-Jun-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CEASW0-863	CRC Obtain PUA (E18G), Relo , Sta. 402+00 to 406+00	76	0	27-Mar-16 A	07-Jun-16 A													
CEASW0-049	CRC Obtain Easement (E22A), Relo W068/085/071/WW018/019/023, S	200	0	27-Dec-15 A	09-Jun-16 A													
DUAW-P03.2	Design City of Austin Utility Relocation Packet 03 to RFC	60	0	10-Sep-15 A	20-Jun-16 A													
DUAW-P09.2	Design City of Austin Utility Relocation Packet 09 to RFC	60	0	10-Sep-15 A	22-Jun-16 A													
DUAW-P05.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	13-Jul-16 A													
CEASW0-049B	Finalize Easement (E22A), Relo W068/085/071/WW018/019/023, Sta. 4	200	0	09-Jun-16 A	15-Jul-16 A													
DUAW-P04.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	22-Jul-16 A													
CEASW0-453	CRC Obtain PUA (E17D), Relo W057/W061, Sta. 369+00 to 379+00	120	0	14-Dec-15 A	25-Jul-16 A													
CEASW0-041-2	CRC Obtain PUA (E13B), Relo W041/W041-1, Sta. 340+00 to 342+50	200	0	07-Nov-15 A	29-Jul-16 A													
DUAW-P12.2	Design City of Austin Utility Relocation Packet 12 to RFC	60	0	10-Sep-15 A	01-Aug-16 A													
DUAW-P14.2	Design City of Austin Utility Relocation Packet 14 to RFC	60	0	10-Sep-15 A	01-Aug-16 A													
CEASW0-015	CRC Obtain PUA (E20A), Relo WW015/WW016, Sta. 380+00 to 386+00	200	0	07-Nov-15 A	10-Aug-16 A													
DUAW-P06.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	16-Aug-16 A													
CEASW0-019	CRC Obtain PUA (E21A), Relo WW018/WW019, 434+00 to 444+50	200	0	27-Dec-15 A	19-Aug-16 A													
CEASW0-019B	Finalize Easement (E21A), Relo WW018/WW019, 434+00 to 444+50	200	0	27-Dec-15 A	19-Aug-16 A													
DUAW-P10.2	Design City of Austin Utility Relocation Packet 10 to RFC	60	0	10-Sep-15 A	08-Sep-16 A													
DUAW-P20.2	Design City of Austin Utility Relocation Packet 20 to RFC	60	0	10-Sep-15 A	15-Sep-16 A													
DUAW-P08.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	21-Sep-16 A													
DUAW-P20.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
DUAW-P07.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
DUAW-P14.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
CEASW0-473	CRC Obtain PUA (E19B), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Oct-16 A													
CEASW0-473B	Finalize Easement (E19B), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Oct-16 A													
DUAW-P09.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	21-Oct-16 A													
DUAW-P17.2	Design City of Austin Utility Relocation Packet 17 to RFC	60	0	10-Sep-15 A	08-Nov-16 A													
DUAW-P11.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	08-Nov-16 A													
DUAW-P03.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	08-Nov-16 A													
CEASW0-583	CRC Obtain PUA (E38C), Relo W105/W107, Sta. 547+50 to 551+50	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-593	CRC Obtain PUA (E38D), Relo W105/W107, Sta. 551+50 to 553+50	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-603	CRC Obtain PUA (E38E), Relo W105/W107, Sta. 553+50 to 556+00	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-022	CRC Obtain PUA (E11A), Relo W040, Sta. 320+00 to 331+00	200	0	07-Nov-15 A	18-Nov-16 A													
CEASW0-483	CRC Obtain PUA (E19C), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-022B	Finalize Easement (E11A), Relo W040 (CapMetro), Sta. 320+00 to 331+	200	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-483B	Finalize Easement (E19C), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-024B	Finalize Easement (E10A), Relo W033 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	07-Dec-16 A													
CEASW0-233B	Finalize Easement (E10B), Relo W037 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	07-Dec-16 A													
CEASW0-383B	Finalize Easement (E12A), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	07-Dec-16 A													
CEASW0-393B	Finalize Easement (E12B), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	07-Dec-16 A													
CEASW0-403B	Finalize Easement (E12F), Relo W037/WW087 (YMCA), Sta. 321+00 to	120	0	14-Dec-15 A	07-Dec-16 A													
DUAW-P10.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	10-Dec-16 A													
CEASW0-363B	Finalize Easement (E03), Relo W015, Sta. 243+00	200	0	14-Dec-15 A	16-Dec-16 A													
CEASW0-006	CRC Obtain PUA (E11B), Relo W040, Sta. 320+00 to 331+00	200	0	27-Dec-15 A	29-Dec-16 A													
DUAW-P18.2	Design City of Austin Utility Relocation Packet 18 to RFC	60	0	10-Sep-15 A	05-Jan-17 A													
DUAW-P19.2	Design City of Austin Utility Relocation Packet 19 to RFC	60	0	10-Sep-15 A	10-Jan-17 A													
CEASW0-062	CRC Obtain PUA (E25/ABCD), Relo W080/W085, Sta. 475+00 to 515+C	200	0	07-Nov-15 A	02-Feb-17 A													
CEASW0-263	CRC Obtain PUA (E22C), Relo W085/WW018/019, Sta. 463+00 to 475+	200	0	14-Dec-15 A	02-Feb-17 A													
CEASW0-523B	Finalize Easement (E23B), Relo W075, Sta. 471+00 to 489+00	200	0	14-Dec-15 A	07-Feb-17 A													

█ Remaining Level of Effort  
█ Actual Work  
█ Critical Remaining Work  
█ Actual Level of Effort  
█ Remaining Work  
◆ Milestone







183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q1	Q2		
CEASWW0-042B	Finalize Easement (E33E-1), Relo W117/WW042, Sta. 559+00 to 574+5	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-047B	Finalize Easement (E40), Relo WW040, Sta. 568+50 to 569+50	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-051B	Finalize Easement (E45), Relo WW044, Sta. 574+00 to 577+00	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-274B	Finalize Easement (E33D), Relo WW084, Sta. 559+00 to 574+50	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-284B	Finalize Easement (E33E-2), Relo W117/WW042, Sta. 559+00 to 574+5	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-294B	Finalize Easement (E33G), Relo WW042, Sta. 559+00 to 574+50	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-304B	Finalize Easement (E33H), Relo WW042, Sta. 559+00 to 574+50	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-314B	Finalize Easement (E36B), Relo W117/WW054, Sta. 577+00 to 582+00	200	99	14-Dec-15 A	22-Nov-17	541												
CEASWW0-54B	Finalize Easement (E36A), Relo W117/WW054, Sta. 577+00 to 582+00	200	99	14-Dec-15 A	22-Nov-17	541												
CEASW0-563B	Finalize Easement (E26A), Relo W080, Sta. 25+00 to 31+00 (Levander)	200	104	14-Dec-15 A	01-Dec-17	536												
CEASW0-062B	Finalize Easement (E25), Relo W080/W085, Sta. 475+00 to 515+00	200	106	07-Nov-15 A	05-Dec-17	534												
CEASW0-041-1B	Finalize Easement (E13A), Relo W041/W041-1, Sta. 340+00 to 342+50	200	114	14-Dec-15 A	15-Dec-17	526												
CEASW0-333B	Finalize Easement (E47B), Relo W114-2/W118/W120/W158, Sta. 578+00 to 582+00	123	123	26-Jun-17	02-Jan-18	517												
CEASW0-343B	Finalize Easement (E47C), Relo W114-2/W118, Sta. 582+00 to 589+00	123	123	26-Jun-17	02-Jan-18	517												
CEASW0-733B	Finalize Easement (E47A), Relo W112/W114-1, Sta. 578+00 to 582+00	123	123	26-Jun-17	02-Jan-18	517												
CEASW0-893	CRC Obtain Easement (E12A-1), AWU requirement due to Ped Bridge c	200	123	16-Sep-16 A	02-Jan-18	146												
CEASW0-263B	Finalize Easement (E22C), Relo W085/WW018/019, Sta. 463+00 to 475+00	200	128	14-Dec-15 A	09-Jan-18	512												
CEASWW0-114B	Finalize Easement (E20B), Relo WW016, Sta. 380+00 to 386+00	200	128	07-Nov-15 A	09-Jan-18	512												
CEASW0-041-2B	Finalize Easement (E13B), Relo W041/W041-1, Sta. 340+00 to 342+50	200	134	14-Dec-15 A	17-Jan-18	506												
CEASW0-014B	Finalize Easement (E05), Relo W021, Sta. 274+50	200	139	07-Nov-15 A	24-Jan-18	501												
CEASW0-923	CRC Obtain PUA (E23C-1), Relo W075, Sta. 471+00 to 489+00	200	180	23-Mar-17 A	27-Mar-18	460												
CEASW0-933	CRC Obtain Easement (E23C-1), Relo W075, Sta. 471+00 to 489+00	200	180	23-Mar-17 A	27-Mar-18	460												
CEASW0-943	CRC Obtain PUA (E23D-1), Relo W075, Sta. 471+00 to 489+00	200	180	23-Mar-17 A	27-Mar-18	460												
CEASW0-953	CRC Obtain Easement (E23D-1), Relo W075, Sta. 471+00 to 489+00	200	180	23-Mar-17 A	27-Mar-18	460												
CEASW0-963	CRC Obtain PUA (E38A-1), Relo W105/W107, Sta. 546+00 to 547+50	200	200	22-Apr-17 A	26-Apr-18	440												
CEASW0-973	CRC Obtain Easement (E38A-1), Relo W105/W107, Sta. 546+00 to 547+50	200	200	22-Apr-17 A	26-Apr-18	440												
CEASW0-983	CRC Obtain PUA (E38B-1), Relo W105/W107, Sta. 547+50 to 551+50	200	200	22-Apr-17 A	26-Apr-18	440												
CEASW0-993	CRC Obtain Easement (E38B-1), Relo W105/W107, Sta. 547+50 to 551+50	200	200	22-Apr-17 A	26-Apr-18	440												
CEASC.O.-1a	Change Order 1a - Eminent Domain	100	100	20-Apr-18	21-Sep-18	39												
CEASWW0-046B	Finalize Easement (E47D), Relo W114/W118/WW048, Sta. 582+00 to 589+00	123	123	24-Sep-18	28-Mar-19	222												
<b>Master Agreements</b>		11	0	10-Sep-15 A	20-Aug-16 A													
DUAW-010	MA Develop Interlocal Agreement with City of Austin	11	0	10-Sep-15 A	20-Aug-16 A													
<b>Sonoco [PL5]</b>		10	0	15-Jun-16 A	29-Jul-16 A													
<b>Master Agreements</b>		10	0	15-Jun-16 A	29-Jul-16 A													
CUIPL5-001	Construct Infrastr. US183-PL5-001 - Sta. 374+50 to 377+50, (UG)	10	0	15-Jun-16 A	29-Jul-16 A													
<b>Utility Relocations</b>		473	215	09-May-16 A	18-May-18	343												
<b>Austin Energy [E0]</b>		300	160	15-Aug-16 A	23-Feb-18	188												
<b>US183-OHE0-001</b>		168	43	28-Nov-16 A	29-Aug-17	305												
CUCOHE0-014	Cut-Over US183-OHE0-014/015 - Sta. 219+00 to 235+19, RT (OH)	5	0	22-Dec-16 A	23-Dec-16 A													
CUIOHE0-034U	Construct Infrastr. US183-OHE0-034 - MLK (UG) (3.1) AE_002	30	18	28-Nov-16 A	21-Jul-17	12												
CUIOHE0-190	Construct Infrastr. US183-OHE0-190 - Technicenter (OH) (4.1) AE_003	20	19	05-Jun-17 A	24-Jul-17	59												
CUCOHE0-034U	Cut-Over US183-OHE0-034 - MLK (UG) (3.1) AE_002	5	5	24-Jul-17	28-Jul-17	12												
CUIOHE0-034	Construct Infrastr. US183-OHE0-034 - MLK (OH) (4.1) AE_002	25	23	22-May-17 A	28-Jul-17	306												
CUCOHE0-034	Cut-Over US183-OHE0-034 - MLK (OH) (4.1) AE_002	5	5	31-Jul-17	04-Aug-17	306												
CUIOHE0-190U	Construct Infrastr. US183-OHE0-190 - Technicenter (UG) (3.1) AE_003	20	20	31-Jul-17	29-Aug-17	35												
<b>US183-OHE0-012</b>		30	0	15-Aug-16 A	21-Dec-16 A													
CUIOHE0-014	Construct Infrastr. US183-OHE0-014/015- Sta. 219+00 to 235+20, RT (	30	0	15-Aug-16 A	21-Dec-16 A													
<b>US183-OHE0-013</b>		29	29	01-Aug-17	13-Sep-17	44												

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIOHE0-065	Construct Infrastr. US183-OHE0-065/66/67/68/69 - Smith Road X-ing (C	20	20	01-Aug-17	30-Aug-17	28												
CUIOHE0-065U	Construct Infrastr. US183-OHE0-065/66/67/68/69 - Smith Road X-ing (L	20	20	07-Aug-17	06-Sep-17	44												
CUCOHE0-065	Cut-Over US183-OHE0-065/66/67/68/69 - Smith Road X-ing (OH) (4.2)	5	5	31-Aug-17	07-Sep-17	28												
CUCOHE0-065U	Cut-Over US183-OHE0-065/66/67/68/69 - Smith Road X-ing (UG) (3.2)	5	5	07-Sep-17	13-Sep-17	44												
<b>US183-OHE0-016</b>		<b>84</b>	<b>0</b>	<b>16-Aug-16 A</b>	<b>14-Apr-17 A</b>													
CUIOHE0-016	Construct Infrastr. US183-OHE0-016 - Sta. 244+70 to 245+63 X-ing, RT	30	0	16-Aug-16 A	27-Mar-17 A													
CUCOHE0-016	Cut-Over US183-OHE0-016 - Sta. 244+70 to 245+63 X-ing, RT&LT (OF	5	0	28-Mar-17 A	14-Apr-17 A													
<b>US183-OHE0-026</b>		<b>114</b>	<b>14</b>	<b>12-Dec-16 A</b>	<b>17-Jul-17</b>	<b>26</b>												
CUIOHE0-026	Construct Infrastr. US183-OHE0-026 - Sta. 315+00 to 334+00, LT (OH)	30	9	12-Dec-16 A	10-Jul-17	26												
CUCOHE0-026	Cut-Over US183-OHE0-026 - Sta. 315+00 to 334+00, LT (OH) (3.3) AE	5	5	11-Jul-17	17-Jul-17	26												
<b>US183-OHE0-060</b>		<b>166</b>	<b>48</b>	<b>17-Nov-16 A</b>	<b>06-Sep-17</b>	<b>35</b>												
CUIOHE0-060	Construct Infrastr. US183-OHE0-060 - Sta. 438+00 to 469+00, LT (OH)	30	0	16-Jan-17 A	13-Feb-17 A													
CUCOHE0-060	Cut-Over US183-OHE0-060 - Sta. 438+00 to 469+00, LT (OH) Smith to	5	0	16-Feb-17 A	19-Feb-17 A													
CUIOHE0-058	Construct Infrastr. US183-OHE0-058 - Sta. 414+00 X-ing (OH) (4.1) AE	20	19	22-May-17 A	24-Jul-17	13												
CUIOHE0-058U	Construct Infrastr. US183-OHE0-058 - Sta. 414+00 X-ing (UG) (3.1) AE	30	23	17-Nov-16 A	28-Jul-17	9												
CUCOHE0-058	Cut-Over US183-OHE0-058 - Sta. 414+00 X-ing (OH) (4.1) AE_004	5	5	25-Jul-17	31-Jul-17	13												
CUCOHE0-190	Cut-Over US183-OHE0-190 - Technicenter (OH) (4.1) AE_003	5	5	25-Jul-17	31-Jul-17	59												
CUCOHE0-058U	Cut-Over US183-OHE0-058 - Sta. 414+00 X-ing (UG) (3.1) AE_004	5	5	31-Jul-17	04-Aug-17	9												
CUCOHE0-190U	Cut-Over US183-OHE0-190 - Technicenter (UG) (3.1) AE_003	5	5	30-Aug-17	06-Sep-17	35												
<b>US183-OHE0-074</b>		<b>35</b>	<b>35</b>	<b>11-Dec-17</b>	<b>31-Jan-18</b>	<b>28</b>												
CUIOHE0-074	Construct Infrastr. US183-OHE0-074 - Sta. 438+20 to 436+14, RT&LT (	30	30	11-Dec-17	24-Jan-18	28												
CUCOHE0-074	Cut-Over US183-OHE0-074 - Sta. 438+20 to 436+14, RT&LT (OH) X-in	5	5	25-Jan-18	31-Jan-18	28												
<b>US183-OHE0-077</b>		<b>35</b>	<b>0</b>	<b>13-Mar-17 A</b>	<b>22-Apr-17 A</b>													
CUIOHE0-077	Construct Infrastr. US183-OHE0-077 - Sta. 430+47 to 477+52, RT (OH)	30	0	13-Mar-17 A	17-Apr-17 A													
CUCOHE0-077	Cut-Over US183-OHE0-077 - Sta. 430+47 to 477+52, RT (OH)	5	0	18-Apr-17 A	22-Apr-17 A													
<b>US183-OHE0-112</b>		<b>29</b>	<b>29</b>	<b>09-Nov-17</b>	<b>22-Dec-17</b>	<b>214</b>												
CUIOHE0-112	Construct Infrastr. US183-OHE0-112 - Sta. 490+74 to 502+55, LT X-ing	15	15	09-Nov-17	01-Dec-17	28												
CUCOHE0-112	Cut-Over US183-OHE0-112 - Sta. 490+74 to 502+55, LT (OH) (4.2) AE	5	5	04-Dec-17	08-Dec-17	28												
CUIOHE0-112U	Construct Infrastr. US183-OHE0-112 - Sta. 490+74 to 502+55, LT X-ing	20	20	15-Nov-17	14-Dec-17	214												
CUCOHE0-112U	Cut-Over US183-OHE0-112 - Sta. 490+74 to 502+55, LT (UG) (3.2) AE	5	5	15-Dec-17	22-Dec-17	214												
<b>US183-OHE0-119</b>		<b>44</b>	<b>44</b>	<b>08-Sep-17</b>	<b>14-Nov-17</b>	<b>49</b>												
CUIOHE0-119	Construct Infrastr. US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (	35	35	08-Sep-17	01-Nov-17	28												
CUIOHE0-119U	Construct Infrastr. US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (	35	35	14-Sep-17	07-Nov-17	49												
CUCOHE0-119	Cut-Over US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (OH) (4.2)	5	5	02-Nov-17	08-Nov-17	28												
CUCOHE0-119U	Cut-Over US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (UG) (3.2)	5	5	08-Nov-17	14-Nov-17	49												
<b>US183-OHE0-137</b>		<b>35</b>	<b>35</b>	<b>26-Sep-17</b>	<b>16-Nov-17</b>	<b>17</b>												
CUIOHE0-137	Construct Infrastr. US183-OHE0-137 - Colorado to Thompson West	30	30	26-Sep-17	09-Nov-17	17												
CUCOHE0-137	Cut-Over US183-OHE0-137 (Incl. 138-139, 142-148) - Colorado to Tho	5	5	10-Nov-17	16-Nov-17	17												
<b>US183-OHE0-149</b>		<b>36</b>	<b>60</b>	<b>22-May-17 A</b>	<b>25-Sep-17</b>	<b>52</b>												
CUIOHE0-149U	Construct Infrastr. US183-OHE0-149 - Sta. 543+97 to 543+90, RT (UG)	25	24	22-May-17 A	31-Jul-17	83												
CUCOHE0-149U	Cut-Over US183-OHE0-149 - Sta. 543+97 to 543+90, RT (UG) (3.4) X-	5	5	01-Aug-17	07-Aug-17	83												
CUIOHE0-149	Construct Infrastr. US183-OHE0-149 - Sta. 543+97 to 543+90, RT (OH)	25	25	10-Aug-17	15-Sep-17	17												
CUCOHE0-149	Cut-Over US183-OHE0-149 - Sta. 543+97 to 543+90, RT (OH) (4.3) X-	5	5	18-Sep-17	25-Sep-17	17												
<b>US183-OHE0-156</b>		<b>30</b>	<b>30</b>	<b>26-Jun-17</b>	<b>09-Aug-17</b>	<b>82</b>												
CUIOHE0-156U	Construct Infrastr. US183-OHE0-156 - Sta. 554+84 to 555+85, RT&LT (	25	25	26-Jun-17	01-Aug-17	82												
CUIOHE0-156	Construct Infrastr. US183-OHE0-156 - Sta. 554+84 to 555+85, RT&LT (	25	25	26-Jun-17	01-Aug-17	17												
CUCOHE0-156	Cut-Over US183-OHE0-156 - Sta. 554+84 to 555+85, RT&LT (OH) (4.3	5	5	02-Aug-17	09-Aug-17	17												
CUCOHE0-156U	Cut-Over US183-OHE0-156 - Sta. 554+84 to 555+85, RT&LT (UG) (3.4	5	5	02-Aug-17	09-Aug-17	82												

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020								
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2							
<b>US183-OHE0-161</b>							20	20	22-May-17 A	25-Jul-17	175														
CUIOHE0-161U	Construct Infrastr. US183-OHE0-161 - Sta. 565+00 to 575+00, RT&LT M	15	14	22-May-17 A	17-Jul-17	176																			
CUIOHE0-161	Construct Infrastr. US183-OHE0-161 - Sta. 565+00 to 575+00, RT&LT M	15	15	26-Jun-17	18-Jul-17	175																			
CUCOHE0-161U	Cut-Over US183-OHE0-161 - Sta. 565+00 to 575+00, RT&LT Montopoli	5	5	18-Jul-17	24-Jul-17	176																			
CUCOHE0-161	Cut-Over US183-OHE0-161 - Sta. 565+00 to 575+00, RT&LT Montopoli	5	5	19-Jul-17	25-Jul-17	175																			
<b>US183-OHE0-180</b>							65	65	17-Nov-17	23-Feb-18	35														
CUIOHE0-180	Construct Infrastr. US183-OHE0-180 - Colorado to Thompson East	60	60	17-Nov-17	15-Feb-18	35																			
CUCOHE0-180	Cut-Over US183-OHE0-180 - Colorado to Thompson East	5	5	16-Feb-18	23-Feb-18	35																			
<b>AT&amp;T Long Distance</b>							55	55	11-Aug-17	03-Nov-17	122														
<b>ATT Conflict 057</b>							55	55	11-Aug-17	03-Nov-17	122														
CUCATT-057	Cut-Over ATT Conflict FO1-056/057 (Long Distance) East Side	55	55	11-Aug-17	03-Nov-17	122																			
<b>Joint Trench</b>							286	31	09-May-16 A	10-Aug-17	6														
CUIJT-110	Construct Infrastr. (Tel 1.0) - ATT, Cent Link, Grande, Level 3, TWC, FC	46	0	09-May-16 A	27-Jul-16 A																				
CUIJT-111	Construct Infrastr. (Tel 1.1) - ATT, Cent Link (Joint Trench)	46	0	11-Jun-16 A	27-Jul-16 A																				
CUIJT-131	Century Link Conduit Lead Time and Resource Allocation	18	0	10-Jun-16 A	01-Aug-16 A																				
CUIJT-112.2	Construct Infrastr. (Tel 1.2) - Cent Link (Joint Trench) NB	74	0	01-Aug-16 A	29-Mar-17 A																				
CUIJT-112	Construct Infrastr. (Tel 1.2) - ATT, Cent Link (SB), Grande, Level 3, TWI	74	0	01-Aug-16 A	21-Apr-17 A																				
CUIJT-121.2	Construct Infrastr. (Tel 2.1B) - ATT, Cent Link, Grande, TWC, MCI (Join	70	10	16-Jan-17 A	11-Jul-17	18																			
CUIJT-113	Construct Infrastr. (Tel 1.3) - ATT, Cent Link, Grande, Level 3, TWC, MC	85	20	22-Aug-16 A	25-Jul-17	2																			
CUIJT-120	Construct Infrastr. (Tel 2.0) - ATT, Cent Link, Grande, TWC, MCI (Joint	76	37	10-May-17 A	01-Aug-17	17																			
CUIJT-121.1	Construct Infrastr. (Tel 2.1A) - ATT, Cent Link, Grande, TWC, MCI (Join	70	31	16-Jan-17 A	10-Aug-17	0																			
<b>AT&amp;T Telecom [FO1]</b>							388	211	03-Oct-16 A	14-May-18	123														
CUCATT-110	Cut-Over ATT 226+62 to 247+25 (Joint Trench) (Tel 1.0)	74	0	03-Oct-16 A	17-Feb-17 A																				
CUCATT-111	Cut-Over ATT 247+25 to 298+85 (Joint Trench) (Tel 1.1)	104	8	07-Nov-16 A	07-Jul-17	122																			
CUCATT-112	Cut-Over ATT 298+85 to 370+00 (Joint Trench) (Tel 1.2)	90	90	26-Jun-17	09-Nov-17	11																			
CUCATT-113	Cut-Over ATT 370+00 to 425+08 (Joint Trench) (Tel 1.3)	134	134	26-Jul-17	14-Feb-18	180																			
CUCATT-121.2	Place & Cut-Over ATT 554+00 to 620+00 (Joint Trench) (Tel 2.1B)	180	180	12-Jul-17	11-Apr-18	18																			
CUCATT-120	Place & Cut-Over ATT 425+00 to 515+00 (Joint Trench) (Tel 2.0)	180	180	01-Aug-17	03-May-18	37																			
CUCATT-121.1	Place & Cut-Over ATT 515+00 to 553+00 (Joint Trench) (Tel 2.1A)	180	180	11-Aug-17	14-May-18	0																			
<b>ATT Conflict 052</b>							66	66	01-Aug-17	10-Nov-17	234														
CUCATT-A51	Cut-Over Alpheus Conflict FO1-051 (UG) West Side, Sta. 469+36 to 50	60	60	01-Aug-17	02-Nov-17	240																			
CUCATT-A52	Cut-Over Alpheus Conflict FO1-052 W. Side from Montopolis to S. End	60	60	11-Aug-17	10-Nov-17	32																			
<b>Century Link (Qwest) [FO2]</b>							175	61	01-Aug-16 A	26-Sep-17	176														
CUCFO2-105	Procure Cable Cent Link Sta. 226+62 to 425+08 (Joint Trench) (Tel 1.0,	30	0	01-Aug-16 A	09-Sep-16 A																				
CUCFO2-110.1	Cut-Over Cent Link Sta. 226+62 to 425+08 (Joint Trench) (Tel 1.0, 1.1,	60	12	22-Feb-17 A	07-Jul-17	48																			
CUCFO2-110.2	Cut-Over Cent Link Sta. 226+62 to 425+08 (Joint Trench) (Tel 1.2, 1.3)	60	28	08-May-17 A	02-Aug-17	2																			
CUCFO2-120	Place & Cut-Over Cent Link Sta. 425+00 to 515+00 (Joint Trench) (Tel 2	30	30	01-Aug-17	15-Sep-17	53																			
CUCFO2-121	Place & Cut-Over Cent Link Sta. 515+00 to 620+00 (Joint Trench) (Tel 2	30	30	11-Aug-17	26-Sep-17	176																			
<b>Grande Communication [FO8]</b>							248	51	10-Oct-16 A	11-Oct-17	263														
CUCOHFO8-110	Cut-Over Grande - Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	10-Oct-16 A	27-Mar-17 A																				
CUCOHFO8-112	Cut-Over Grande - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	0	22-Apr-17 A	24-Jun-17 A																				
CUCOHFO8-120	Place & Cut-Over Grande - Sta. 425+00 to 515+00 (Joint Trench) (Tel 2	30	30	01-Aug-17	15-Sep-17	279																			
CUCOHFO8-121	Place & Cut-Over Grande - Sta. 515+00 to 620+00 (Joint Trench) (Tel 2	30	30	11-Aug-17	26-Sep-17	51																			
CUCOHFO8-113	Cut-Over Grande - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	26-Jul-17	11-Oct-17	263																			
<b>Level 3 [FO3]</b>							286	109	17-Oct-16 A	08-Dec-17	200														
CUCFO3-110	Cut-Over Level 3 Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	17-Oct-16 A	27-Mar-17 A																				
CUCFO3-112	Cut-Over Level 3 Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	29	12-May-17 A	07-Aug-17	16																			
CUCFO3-113	Cut-Over Level 3 Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	26-Jul-17	11-Oct-17	7																			

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUCFO3-123	Place & Cut-Over Level 3 Sta. 515+00 to 620+00 (Joint Trench) (Tel 2.1)	56	56	14-Sep-17	08-Dec-17	3												
<b>MCI Fiber Optic [FO4]</b>		100	55	03-Apr-17 A	15-Sep-17	53												
CUCOHFO4-112	Place & Cut MCI - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	51	03-Apr-17 A	11-Sep-17	57												
CUCOHFO4-113	Place & Cut MCI - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	03-Apr-17 A	11-Sep-17	57												
CUCOHFO4-120	Place & Cut MCI - Sta. 425+00 to 515+00 (Joint Trench) (Tel 2.0)	30	30	01-Aug-17	15-Sep-17	12												
<b>TelePacific Fiber Optic (ChoiceCom) [FO9]</b>		30	30	05-Oct-17	17-Nov-17	99												
CUCFO9-121	Place & Cut-Over Telepacific - Sta. 515+00 to 620+00 (Joint Trench) (Te	30	30	05-Oct-17	17-Nov-17	99												
<b>Time Warner Cable [CATV0]</b>		230	71	17-Oct-16 A	11-Oct-17	166												
CUCCATV0-110	Cut-Over TWC - Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	17-Oct-16 A	27-Mar-17 A													
CUCCATV0-120	Place & Cut-Over TWC - Sta. 425+00 to 515+00 (Joint Trench) (Tel 2.0)	30	30	01-Aug-17	15-Sep-17	117												
CUCCATV0-112	Cut-Over TWC - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	58	58	12-May-17 A	21-Sep-17	78												
CUCCATV0-121	Place & Cut-Over TWC - Sta. 515+00 to 620+00 (Joint Trench) (Tel 2.1)	30	30	11-Aug-17	26-Sep-17	51												
CUCCATV0-113	Cut-Over TWC - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	26-Jul-17	11-Oct-17	32												
<b>TW Telecom Fiber Optic [FO0]</b>		1	1	11-Aug-17	11-Aug-17	293												
<b>US183-FO0-004</b>		1	1	11-Aug-17	11-Aug-17	293												
CUCFO0-004	Cut-Over US183-FO0-004 - Sta. 477+52 to 490+73, RT (UG)	1	1	11-Aug-17	11-Aug-17	293												
<b>US183-OHFO0-011</b>		1	1	11-Aug-17	11-Aug-17	25												
CUCOHFO0-011	Cut-Over US183-OHFO0-011 - Sta. 447+10 to 475+49, RT (OH)	1	1	11-Aug-17	11-Aug-17	25												
<b>Enterprise Products [PL3]</b>		20	0	19-Sep-16 A	20-Sep-16 A													
<b>US183-PL3-010</b>		20	0	19-Sep-16 A	20-Sep-16 A													
CUIPL3-010	Construct Infrastr. US183-PL3-010 - Sta. 422+19 to 438+20, LT (UG) R	20	0	19-Sep-16 A	20-Sep-16 A													
<b>Energy Transfer (Houston) [PL1]</b>		304	115	01-Aug-16 A	18-Dec-17	342												
<b>US183-PL1-(All)</b>		304	5	01-Aug-16 A	18-Dec-17	342												
CUCPL5-001	Cut-Over US183-PL5-001 - Sta. 374+50 to 377+50, (UG)	5	0	01-Aug-16 A	05-Aug-16 A													
CUCPL1-003	Cut-Over US183-PL1-(All) - Sta. 504+84 to 525+83, RT (UG)	5	5	12-Dec-17	18-Dec-17	27												
<b>US183-PL1-003</b>		20	20	26-Jun-17	25-Jul-17	27												
CUIPL1-003	Construct Infrastr. US183-PL1-003 - Sta. 504+84 to 525+83, RT (UG)	20	20	26-Jun-17	25-Jul-17	27												
<b>US183-PL1-004</b>		30	30	26-Jul-17	08-Sep-17	27												
CUIPL1-004	Construct Infrastr. US183-PL1-004 - Sta. 525+83 to 527+25, RT&LT (U	30	30	26-Jul-17	08-Sep-17	27												
<b>US183-PL1-005</b>		20	20	11-Sep-17	10-Oct-17	27												
CUIPL1-005	Construct Infrastr. US183-PL1-005 - Sta. 527+25 to 578+36, LT (UG)	20	20	11-Sep-17	10-Oct-17	27												
<b>US183-PL1-006</b>		20	20	11-Oct-17	09-Nov-17	27												
CUIPL1-006	Construct Infrastr. US183-PL1-006 - Sta. 578+36 to 579+59, RT&LT (U	20	20	11-Oct-17	09-Nov-17	27												
<b>US183-PL1-007</b>		20	20	10-Nov-17	11-Dec-17	27												
CUIPL1-007	Construct Infrastr. US183-PL1-007 - Sta. 579+59 to 606+45, RT (UG)	20	20	10-Nov-17	11-Dec-17	27												
<b>Kinder Morgan Gas [PL2]</b>		30	0	06-Jun-16 A	15-Jun-16 A													
<b>US183-PL2-002</b>		30	0	06-Jun-16 A	15-Jun-16 A													
CUIPL2-002	Construct Infrastr. US183-PL2-002 - Sta. 445+55 to 503+99, RT (UG)	30	0	06-Jun-16 A	15-Jun-16 A													
<b>Texas Gas Service [G0]</b>		380	187	07-Jun-16 A	06-Apr-18	86												
<b>US183-G0-002</b>		91	0	24-Oct-16 A	06-Nov-16 A													
CUIG0-002	Construct Infrastr. US183-G0-002 - Sta. 209+89 to 235+68, RT	30	0	24-Oct-16 A	06-Nov-16 A													
CUCG0-002	Cut-Over US183-G0-002 - Sta. 209+89 to 235+68, RT	5	0	24-Oct-16 A	06-Nov-16 A													
<b>US183-G0-017</b>		57	0	07-Jun-16 A	25-Nov-16 A													
CUIG0-017	Construct Infrastr. US183-G0-017 - Sta. 278+76 to 278+91, RT&LT	30	0	07-Jun-16 A	18-Nov-16 A													
CUCG0-017	Cut-Over US183-G0-017 (Incl. 016-019) - Sta. 278+76 to 278+91, RT&L	5	0	18-Nov-16 A	25-Nov-16 A													
<b>US183-G0-021</b>		30	0	20-Mar-17 A	16-Jun-17 A													
CUIG0-021	Construct Infrastr. US183-G0-021 - Sta. 370+00 to 405+00, LT Package	30	0	20-Mar-17 A	16-Jun-17 A													
<b>US183-G0-024</b>		31	0	07-Feb-17 A	16-Mar-17 A													
CUCG0-024	Cut-Over US183-G0-024 - Sta. 345+00 to 354+00, RT Package (#2) MI	5	0	15-Mar-17 A	16-Mar-17 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIG0-024	Construct Infrastr. US183-G0-024 - Sta. 345+00 to 354+00, RT Packag	30	0	07-Feb-17 A	16-Mar-17 A													
<b>US183-G0-028</b>		30	0	19-Jun-17 A	21-Jun-17 A													
CUIG0-028	Construct Infrastr. US183-G0-028 - Sta. 379+50 Xing Package (#2) Tec	30	0	19-Jun-17 A	21-Jun-17 A													
<b>US183-G0-030</b>		63	7	13-Jun-17 A	06-Jul-17	51												
CUIG0-030	Construct Infrastr. US183-G0-030 - Sta. 380+00 to 388+00, RT Packag	30	2	13-Jun-17 A	28-Jun-17	8												
CUCG0-030	Cut-Over US183-G0-021,028,030 - Sta. 345+00 to 405+00, RT&LT Pac	5	5	29-Jun-17	06-Jul-17	54												
<b>US183-G0-045</b>		35	0	06-Jan-17 A	07-Jan-17 A													
CUIG0-045	Construct Infrastr. US183-G0-045 - Sta. 437+37 to 445+03, RT (No Cor	30	0	06-Jan-17 A	06-Jan-17 A													
CUCG0-045	Cut-Over US183-G0-045 - Sta. 437+37 to 445+03, RT (No Conflict)	5	0	07-Jan-17 A	07-Jan-17 A													
<b>US183-G0-059</b>		35	35	14-Nov-17	08-Jan-18	8												
CUIG0-059	Construct Infrastr. US183-G0-059 - Sta. 530+23 to 532+31, RT	30	30	14-Nov-17	29-Dec-17	8												
CUCG0-059	Cut-Over US183-G0-059 (Incl. 060) - Sta. 530+23 to 532+31, RT	5	5	02-Jan-18	08-Jan-18	8												
<b>US183-G0-063</b>		35	35	28-Sep-17	20-Nov-17	26												
CUIG0-063	Construct Infrastr. US183-G0-063 - Sta. 530+86 to 536+86, RT	30	30	28-Sep-17	13-Nov-17	26												
CUCG0-063	Cut-Over US183-G0-063 - Sta. 530+86 to 536+86, RT	5	5	14-Nov-17	20-Nov-17	26												
<b>US183-G0-065</b>		34	34	14-Aug-17	04-Oct-17	17												
CUIG0-065	Construct Infrastr. US183-G0-065 - Sta. 536+81 to 556+83, RT&LT	30	30	14-Aug-17	27-Sep-17	17												
CUCG0-065	Cut-Over US183-G0-065 - Sta. 536+81 to 556+83, RT&LT	5	5	28-Sep-17	04-Oct-17	19												
<b>US183-G0-066</b>		35	35	29-Jun-17	18-Aug-17	42												
CUIG0-066	Construct Infrastr. US183-G0-066 - Sta. 537+89 to 537+80, RT&LT	30	30	29-Jun-17	11-Aug-17	8												
CUCG0-066	Cut-Over US183-G0-066 (Incl. 064, 068, 071) - Sta. 537+89 to 537+80,	5	5	14-Aug-17	18-Aug-17	46												
<b>US183-G0-074</b>		33	4	08-May-17 A	25-Aug-17	42												
CUIG0-074	Construct Infrastr. US183-G0-074 - Sta. 552+05 to 552+16, RT&LT	30	0	08-May-17 A	09-Jun-17 A													
CUCG0-074	Cut-Over US183-G0-074 - Sta. 552+05 to 552+16, RT&LT	5	5	21-Aug-17	25-Aug-17	46												
<b>US183-G0-075</b>		34	34	14-Aug-17	04-Oct-17	17												
CUIG0-075	Construct Infrastr. US183-G0-075 - Sta. 556+83 to 556+52, RT&LT	30	30	14-Aug-17	27-Sep-17	8												
CUCG0-075	Cut-Over US183-G0-075 - Sta. 556+83 to 556+52, RT&LT	5	5	28-Sep-17	04-Oct-17	19												
<b>US183-G0-076</b>		65	65	02-Jan-18	06-Apr-18	86												
CUIG0-076	Construct Infrastr. US183-G0-076 - Sta. 556+83 to 577+21, RT	30	30	02-Jan-18	12-Feb-18	86												
CUCG0-076	Cut-Over US183-G0-076 (Incl. 067) - Sta. 556+83 to 577+21, RT	5	5	02-Apr-18	06-Apr-18	93												
<b>US183-G0-078</b>		35	35	28-Sep-17	20-Nov-17	33												
CUIG0-078	Construct Infrastr. US183-G0-078 - Sta. 578+00 to 590+00, RT&LT	30	30	28-Sep-17	13-Nov-17	8												
CUCG0-078	Cut-Over US183-G0-078 - Sta. 578+00 to 590+00, RT&LT	5	5	14-Nov-17	20-Nov-17	33												
<b>US183-G0-085</b>		35	35	13-Feb-18	06-Apr-18	86												
CUIG0-085	Construct Infrastr. US183-G0-085 - Sta. 576+70 RT&LT	30	30	13-Feb-18	29-Mar-18	86												
CUCG0-085	Cut-Over US183-G0-085 - Sta. 576+70, RT&LT X-ing	5	5	02-Apr-18	06-Apr-18	93												
<b>US183-G0-086</b>		149	0	01-Nov-16 A	09-Dec-16 A													
CUIG0-086	Construct Infrastr. US183-G0-086 - Sta. 576+90, RT&LT X-ing	30	0	01-Nov-16 A	01-Dec-16 A													
CUCG0-086	Cut-Over US183-G0-086 - Sta. 576+90, RT&LT X-ing	5	0	02-Dec-16 A	09-Dec-16 A													
<b>City of Austin [FM0, RW0, W0, WW0]</b>		471	215	17-May-16 A	18-May-18	343												
CUIW0-413	Construct Infrastr. CoA #030 (16") Sta. 296+50 to 307+00, Bore LT	25	0	12-Oct-16 A	14-Nov-16 A													
CUIW0-202	Construct Infrastr. CoA #046 (24"), MLK Blvd. Bore	15	0	20-Jan-17 A	02-Feb-17 A													
CUIW0-201	Construct Infrastr. CoA #030 (16") Sta. 296+50 to 301+50, 305+00 to 3C	10	0	14-Nov-16 A	27-Feb-17 A													
CUIW0-653	Construct Infrastr. CoA #046 (24"), MLK Blvd.	15	0	02-Feb-17 A	09-Mar-17 A													
CUIW0-035a.3	Construct Infrastr. CoA #054 (24"), Sta. 378+50 to 379+50, LT 36" Bore	5	0	13-Mar-17 A	19-Mar-17 A													
CUIW0-035a.2	Construct Infrastr. CoA #054 (24"), Sta. 375+35 to 375+80, LT 36" Bore	5	0	28-Mar-17 A	01-Apr-17 A													
CUIW0-035a.4	Construct Infrastr. CoA #054S/#063 (24"), Sta. 379+50 to 425+00, LT	40	12	12-Apr-17 A	13-Jul-17	30												
CUIW0-035a.1	Construct Infrastr. CoA #054N (24"), Sta. 374+00 to 379+50, LT	5	5	14-Jul-17	20-Jul-17	36												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIWW0-94.2	Construct Infrastr. CoA #WW039 (8"), Sta. 546+00 to 548+00, RT 16" E	8	8	04-Aug-17	16-Aug-17	56												
CUIWW0-184.4	Construct Infrastr. CoA #WW052 (16"), 588+20, RT 30" Bore C	6	6	18-Sep-17	26-Sep-17	65												
CUIWW0-184.3	Construct Infrastr. CoA #WW052 (16"), 588+20, RT 30" Bore B	6	6	27-Sep-17	05-Oct-17	65												
CUIWW0-184.2	Construct Infrastr. CoA #WW052 (16"), 589+00, RT 30" Bore A	6	6	06-Oct-17	13-Oct-17	65												
CUIWW0-84	Construct Infrastr. CoA #WW035 (8") - Sta. 535+00 to 544+00, RT	25	25	12-Sep-17	19-Oct-17	4												
CUIW0-085	Construct Infrastr. CoA #085/#146 (24"), Sta. 431+00 to 489+00, LT	35	35	01-Sep-17	25-Oct-17	9												
CUIWW0-94.1	Construct Infrastr. CoA #WW039 (8"), Sta. 544+00 to 557+00, RT	30	30	15-Sep-17	01-Nov-17	39												
CUIWW0-184.1	Construct Infrastr. CoA #WW052 (16"), 588+15 to Sta. 590+25, RT	12	12	16-Oct-17	02-Nov-17	65												
CUIWW0-54	Construct Infrastr. CoA #WW054 (8"), 579+00 to Sta. 590+00, RT	25	25	03-Nov-17	11-Dec-17	65												
<b>US183-W0-003</b>		21	0	20-Jul-16 A	27-Sep-16 A													
CUIW0-003	Construct Infrastr. CoA #009 (12"), Sta. 233+00 to 234+00, RT	11	0	20-Jul-16 A	11-Aug-16 A													
CUCW0-003	Cut-Over CoA #009 (12"), Sta. 226+26 to 233+41, RT	15	0	18-Aug-16 A	27-Sep-16 A													
<b>US183-W0-011</b>		385	0	17-May-16 A	10-Jun-17 A													
CUIW0-010	Construct Infrastr. CoA #010 (16"), Sta. 239+00 Bore	20	0	17-May-16 A	16-Jun-16 A													
CUIW0-213	Construct Infrastr. CoA #011/#014/#15-1 (16"), Sta. 236+00 to 246+00, I	15	0	21-Jul-16 A	25-Oct-16 A													
CUCW0-011	Cut-Over CoA #011/#014/#015 (16"), Sta. 236+00 to 250+00, LT	15	0	25-Oct-16 A	13-Dec-16 A													
CUIW0-011	Construct Infrastr. CoA #015-2 (16"), Sta. 246+00 to 250+00, LT	10	0	30-May-17 A	10-Jun-17 A													
<b>US183-W0-014</b>		51	0	11-May-17 A	13-Jun-17 A													
CUIW0-014	Construct Infrastr. CoA #021 (16"), Sta. 274+00, RT	10	0	11-May-17 A	13-Jun-17 A													
CUCW0-014	Cut-Over CoA #021 (16"), Sta. 274+00, RT	15	0	13-Jun-17 A	13-Jun-17 A													
CUCW0-223	Cut-Over CoA #024/#029/#128 (16"), Sta. 280+00 to 296+50, LT/RT	15	0	13-Jun-17 A	13-Jun-17 A													
<b>US183-W0-016</b>		20	0	17-Mar-17 A	21-Mar-17 A													
CUIW0-016	Construct Infrastr. CoA #024/#024-1 (8", 12"), Loyola (SB side)	20	0	17-Mar-17 A	21-Mar-17 A													
<b>US183-W0-017</b>		10	0	24-Aug-16 A	24-Oct-16 A													
CUIW0-017	Construct Infrastr. CoA #026 (16"), Sta. 280+00 to 296+50, LT	10	0	24-Aug-16 A	24-Oct-16 A													
<b>US183-W0-018</b>		292	101	17-Jun-16 A	03-Jan-18	210												
CUIW0-603	Construct Infrastr. Bore Future Crossing FC1, Sta. 239+75	12	0	17-Jun-16 A	07-Jul-16 A													
CUIW0-018	Construct Infrastr. CoA #019 (12"), Sta. 280+00 to 280+50, LT	5	0	17-Oct-16 A	19-Oct-16 A													
CUIW0-643	Construct Infrastr. Bore Future Crossing FC2, Sta. 286+00	12	0	08-Dec-16 A	23-Dec-16 A													
CUIW0-613	Construct Infrastr. Bore Future Crossing FC3, Sta. 384+30	12	0	02-Mar-17 A	20-Mar-17 A													
CUIW0-623	Construct Infrastr. Bore Future Crossing FC4, Sta. 401+30	12	12	31-Jul-17	16-Aug-17	65												
CUIW0-483	Construct Infrastr. CoA #017 (16"), Sta. 279+00 to 280+00 Bore LT	10	10	30-Nov-17	13-Dec-17	210												
CUIW0-633	Construct Infrastr. Bore Future Crossing FC5, Sta. 3548+00	12	12	14-Dec-17	03-Jan-18	210												
<b>US183-W0-019</b>		15	0	23-Mar-17 A	08-Apr-17 A													
CUIW0-019	Construct Infrastr. CoA #029 (16"), Sta. 280+00 to 296+50, RT	15	0	23-Mar-17 A	08-Apr-17 A													
<b>US183-W0-020</b>		45	0	15-Sep-16 A	02-Nov-16 A													
CUIW0-020	Construct Infrastr. CoA #128 (16"), Sta. 296+50	5	0	25-Oct-16 A	02-Nov-16 A													
CUIW0-493	Construct Infrastr. CoA #128 (16"), Sta. 296+50 Bore	15	0	15-Sep-16 A	02-Nov-16 A													
<b>US183-W0-021</b>		49	0	11-Oct-16 A	22-Apr-17 A													
CUIW0-423	Construct Infrastr. CoA #032 (24"), Sta. 306+00 Bore	15	0	11-Oct-16 A	20-Oct-16 A													
CUIW0-021	Construct Infrastr. CoA #032 (24"), Sta. 306+00	10	0	12-Nov-16 A	22-Apr-17 A													
<b>US183-W0-022</b>		192	15	30-Sep-16 A	18-Jul-17	7												
CUIW0-223	Construct Infrastr. CoA #036/#36-1 (24"), Sta. 305+00 to 318+00, RT	15	0	30-Sep-16 A	26-Jan-17 A													
CUIW0-243	Construct Infrastr. CoA #045 (24"), Sta. 338+00 to 342+00, RT	10	0	26-Jan-17 A	08-Mar-17 A													
CUIW0-022	Construct Infrastr. CoA #040 (24"), Sta. 318+00 to 330+50, RT	15	0	01-Feb-17 A	16-Mar-17 A													
CUCW0-022	Cut-Over CoA #32/#036/#036-1 (24"), Sta. 305+00 to 330+50, RT	15	15	26-Jun-17	18-Jul-17	7												
<b>US183-W0-024</b>		131	0	19-Dec-16 A	19-May-17 A													
CUIW0-233	Construct Infrastr. CoA #037 (16"), Sta. 314+00 to 330+50, LT	10	0	27-Dec-16 A	30-Jan-17 A													

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIW0-024	Construct Infrastr. CoA #033 (16"), Sta. 307+00 to 314+00, LT	10	0	19-Dec-16 A	02-Mar-17 A													
CUCW0-024.1	Cut-Over CoA #033/#037/#40/#41/#043/#45/#46 (16"), Sta. 296+50 to 3	20	0	12-Apr-17 A	15-Apr-17 A													
CUCW0-024.2	Cut-Over CoA #19/#26/#030 (16"), Sta. 296+50 to 330+50, LT	20	0	19-May-17 A	19-May-17 A													
<b>US183-W0-025</b>		<b>132</b>	<b>0</b>	<b>26-Oct-16 A</b>	<b>28-Jan-17 A</b>													
CUIW0-503	Construct Infrastr. CoA #043 (16"), Sta. 330+50 Bore	25	0	26-Oct-16 A	30-Nov-16 A													
CUIW0-025	Construct Infrastr. CoA #043 (16"), Sta. 330+50	5	0	03-Jan-17 A	28-Jan-17 A													
<b>US183-W0-029</b>		<b>115</b>	<b>53</b>	<b>01-Mar-17 A</b>	<b>13-Sep-17</b>	<b>281</b>												
CUIW0-029.3	Construct Infrastr. CoA #053 (12"), Sta. 378+40 to 379+30, LT 24" Bore	5	0	20-Mar-17 A	25-Mar-17 A													
DUAW-P11.6	Design & Approval CoA (Pressure Point/NXP Connection)	40	14	01-Mar-17 A	14-Jul-17	300												
CUIW0-029.1	Construct Infrastr. CoA #053 (12"), Sta. 372+00 to 416+00, LT	40	18	05-May-17 A	21-Jul-17	25												
CUCW0-029	Cut-Over CoA #053 (12"), Sta. 372+00 to 416+00, LT	15	15	24-Jul-17	14-Aug-17	25												
CUIW0-029.P	Construct Infrastr. CoA (Pressure Point/NXP Connection)	40	40	17-Jul-17	13-Sep-17	281												
<b>US183-W0-048</b>		<b>165</b>	<b>15</b>	<b>21-Apr-17 A</b>	<b>04-Jan-18</b>	<b>198</b>												
CUIW0-253	Construct Infrastr. CoA #048 (24"), Sta. 351+00 to 375+00, RT	25	0	21-Apr-17 A	09-Jun-17 A													
CUIW0-046	Construct Infrastr. CoA #WW048 (18"), Sta. 586+00 to 590+00, LT	15	15	12-Dec-17	04-Jan-18	198												
<b>US183-W0-033</b>		<b>87</b>	<b>5</b>	<b>13-Feb-17 A</b>	<b>20-Jul-17</b>	<b>30</b>												
CUIW0-433	Construct Infrastr. CoA #051 (24"), Sta. 375+00 Bore	20	0	13-Feb-17 A	17-Mar-17 A													
CUIW0-033	Construct Infrastr. CoA #051 (24"), Sta. 375+00	5	5	14-Jul-17	20-Jul-17	30												
<b>US183-W0-041</b>		<b>213</b>	<b>6</b>	<b>30-Jan-17 A</b>	<b>19-Jan-18</b>	<b>198</b>												
CUIW0-041-1	Construct Infrastr. CoA #041-1 (8"), MLK Blvd. Bore	15	0	06-Feb-17 A	09-Feb-17 A													
CUIW0-041.1	Construct Infrastr. CoA #041 (16"), Sta. 330+50 to 343+00, LT	15	0	30-Jan-17 A	28-Feb-17 A													
CUIW0-041.2	Construct Infrastr. CoA #041 - (E13A) (16"), Sta. 341+00, LT	6	6	12-Jan-18	19-Jan-18	198												
<b>US183-W0-042</b>		<b>80</b>	<b>15</b>	<b>15-Feb-17 A</b>	<b>09-Aug-17</b>	<b>7</b>												
CUIW0-443	Construct Infrastr. CoA #066 (16"), Sta. 414+00 Bore	15	0	15-Feb-17 A	24-Feb-17 A													
CUIW0-042	Construct Infrastr. CoA #066 (16"), Sta. 414+00	5	0	30-May-17 A	12-Jun-17 A													
CUCW0-042	Cut-Over CoA #066 (16"), Sta. 414+00	15	15	19-Jul-17	09-Aug-17	7												
<b>US183-W0-057</b>		<b>18</b>	<b>23</b>	<b>06-Jun-17 A</b>	<b>28-Jul-17</b>	<b>5</b>												
CUIW0-030	Construct Infrastr. CoA #057/#061 (12", 16"), Sta. 375+00 to 387+00, RT	15	8	06-Jun-17 A	07-Jul-17	5												
CUCW0-030	Cut-Over CoA #057/#061 (12", 16", 24"), Sta. 351+00 to 387+00, RT	15	15	10-Jul-17	28-Jul-17	5												
<b>US183-W0-061</b>		<b>119</b>	<b>119</b>	<b>20-Nov-17</b>	<b>18-May-18</b>	<b>332</b>												
CUIW0-533	Construct Infrastr. CoA #124 (24") at Airport Bore	20	20	20-Nov-17	20-Dec-17	371												
CUIW0-061	Construct Infrastr. CoA #124 (24") at Airport-7th Street	10	10	12-Apr-18	26-Apr-18	292												
CUCW0-061	Cut-Over CoA #124 (24") at 7th Street	15	15	27-Apr-18	18-May-18	332												
<b>US183-W0-066</b>		<b>207</b>	<b>185</b>	<b>08-May-17 A</b>	<b>04-Apr-18</b>	<b>347</b>												
CUIW0-066.3	Construct Infrastr. CoA #092 (24") Sta. 528+70 to 529+10, RT 36" Bore	5	0	08-May-17 A	10-May-17 A													
CUIW0-066.2	Construct Infrastr. CoA #092 (24") Sta. 530+00 to 531+00, RT 36" Bore	8	0	10-May-17 A	16-May-17 A													
CUIW0-066.1	Construct Infrastr. CoA #092 (24") Sta. 524+00 to 536+50, RT	25	25	26-Jun-17	01-Aug-17	10												
CUCW0-066	Cut-Over CoA #92 (24") at Montopolis Drive	15	15	02-Aug-17	24-Aug-17	492												
CUCW0-062	Cut-Over CoA #80 (24"), Sta. 489+00 LT to Airport Blvd.	20	20	05-Mar-18	04-Apr-18	122												
<b>US183-W0-067</b>		<b>100</b>	<b>100</b>	<b>06-Nov-17</b>	<b>05-Apr-18</b>	<b>344</b>												
CUIW0-067	Construct Infrastr. CoA #088 (24"), Sta. 536+00 to 543+00, LT	15	15	06-Nov-17	28-Nov-17	4												
CUCW0-067	Cut-Over CoA #088 (24"), Sta. 536+00 to 543+00, LT	15	15	29-Nov-17	20-Dec-17	44												
CUCW0-069	Cut-Over CoA #090 (12"), Sta. 536+00 to 543+00, LT	15	15	14-Mar-18	05-Apr-18	344												
<b>US183-W0-069</b>		<b>15</b>	<b>15</b>	<b>20-Feb-18</b>	<b>13-Mar-18</b>	<b>344</b>												
CUIW0-069	Construct Infrastr. CoA #090 (12"), Sta. 536+00 to 543+00, LT	15	15	20-Feb-18	13-Mar-18	344												
<b>US183-W0-086</b>		<b>101</b>	<b>20</b>	<b>05-May-17 A</b>	<b>28-Nov-17</b>	<b>59</b>												
CUIW0-543	Construct Infrastr. CoA #086 (24"), Sta. 536+50 Bore	20	0	05-May-17 A	19-Jun-17 A													
CUIW0-075	Construct Infrastr. CoA #086 (24"), Sta. 536+50	5	5	27-Oct-17	03-Nov-17	4												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUCW0-075	Cut-Over CoA #086 (24"), Sta. 536+50 Bore	15	15	06-Nov-17	28-Nov-17	59												
<b>US183-W0-076</b>		116	116	03-Jul-17	27-Dec-17	412	[Gantt bar from 03-Jul-17 to 27-Dec-17]											
CUIW0-313.2	Construct Infrastr. CoA #110 (16"), Sta. 547+00, RT 30" Bore A	7	7	03-Jul-17	12-Jul-17	3	[Green bar]											
CUIW0-313.3	Construct Infrastr. CoA #110 (16"), Sta. 549+00, RT 30" Bore B	5	5	13-Jul-17	19-Jul-17	3	[Green bar]											
CUIW0-313.4	Construct Infrastr. CoA #110 (16"), Sta. 550+00, RT 30" Bore C	5	5	20-Jul-17	26-Jul-17	3	[Green bar]											
CUIW0-313.5	Construct Infrastr. CoA #110 (16"), Sta. 552+00, RT 30" Bore D	4	4	27-Jul-17	01-Aug-17	3	[Green bar]											
CUIW0-313.6	Construct Infrastr. CoA #110 (16"), Sta. 555+00, RT 30" Bore E	2	2	02-Aug-17	03-Aug-17	3	[Green bar]											
CUIW0-313.1	Construct Infrastr. CoA #110 (16"), Sta. 544+00 to 557+00, RT	9	9	31-Jul-17	11-Aug-17	3	[Green bar]											
CUIW0-076.2	Construct Infrastr. CoA #123 (16"), Sta. 582+00 to 584+00, RT 30" Bore	17	17	17-Aug-17	12-Sep-17	56	[Green bar]											
CUIW0-323	Construct Infrastr. CoA #117 (16"), Sta. 557+00 to 582+00, RT	45	45	13-Sep-17	20-Nov-17	3	[Green bar]											
CUIW0-353.2	Construct Infrastr. CoA #139 (8"), SH 71 WB Sta. 136+50, 16" Bore	5	5	21-Nov-17	29-Nov-17	210	[Green bar]											
CUIW0-076.1	Construct Infrastr. CoA #123 (16"), Sta. 582+00 to 589+00, RT	8	8	21-Nov-17	04-Dec-17	3	[Green bar]											
CUIW0-353.1	Construct Infrastr. CoA #139 (8"), SH 71 WB Sta. 136+50	15	15	04-Dec-17	26-Dec-17	413	[Green bar]											
CUCW0-076	Cut-Over CoA #110/117 (16"), Sta. 544+00-582+00, RT	15	15	05-Dec-17	27-Dec-17	3	[Green bar]											
<b>US183-W0-078</b>		61	75	22-Jun-17 A	17-Nov-17	27	[Gantt bar from 22-Jun-17 to 17-Nov-17]											
CUIW0-553	Construct Infrastr. CoA #101 (16"), Sta. 543+62 Bore	15	8	22-Jun-17 A	07-Aug-17	51	[Green bar]											
CUIW0-078	Construct Infrastr. CoA #101 (16"), Sta. 543+62	5	5	20-Oct-17	26-Oct-17	4	[Green bar]											
CUCW0-078	Cut-Over CoA #101 (16"), Sta. 543+62 Bore	15	15	27-Oct-17	17-Nov-17	27	[Green bar]											
<b>US183-W0-100</b>		80	80	20-Jul-17	17-Nov-17	27	[Gantt bar from 20-Jul-17 to 17-Nov-17]											
CUIW0-513	Construct Infrastr. CoA #100 (24") Montopolis Bore	15	15	20-Jul-17	10-Aug-17	4	[Green bar]											
CUIW0-100	Construct Infrastr. CoA #100/#103 (12", 16", 24"), Sta. 530+00 to 544+0	20	20	11-Aug-17	11-Sep-17	4	[Green bar]											
CUCW0-100	Cut-Over CoA #100/#103 (12", 16", 24"), Sta. 530+00 to 544+00, RT	15	15	27-Oct-17	17-Nov-17	27	[Green bar]											
<b>US183-W0-105</b>		94	94	23-Oct-17	13-Mar-18	37	[Gantt bar from 23-Oct-17 to 13-Mar-18]											
CUIW0-573	Construct Infrastr. CoA #105 (12"), Sta. 551+00 to 553+00, LT Bore	20	20	23-Oct-17	20-Nov-17	68	[Green bar]											
CUIW0-293.1	Construct Infrastr. CoA #112N (12"), Sta. 557+00 to 566+00, LT	15	15	06-Nov-17	28-Nov-17	14	[Green bar]											
CUIW0-293.2	Construct Infrastr. CoA #112S (12"), Sta. 566+00 to 582+00, LT	35	35	29-Nov-17	19-Jan-18	14	[Green bar]											
CUIW0-105	Construct Infrastr. CoA #105 (12"), Sta. 543+00 to 557+00, LT	20	20	22-Jan-18	16-Feb-18	14	[Green bar]											
CUCW0-105	Cut-Over CoA #105/#112 (12"), Sta. 543+00 to 582+00, LT	15	15	20-Feb-18	13-Mar-18	37	[Green bar]											
<b>US183-W0-107</b>		119	119	13-Sep-17	13-Mar-18	4	[Gantt bar from 13-Sep-17 to 13-Mar-18]											
CUIW0-563	Construct Infrastr. CoA #107 (24"), Sta. 551+00 to 553+00, LT Bore	25	25	13-Sep-17	20-Oct-17	68	[Green bar]											
CUIW0-343	Construct Infrastr. CoA #118 (12"), Sta. 582+00 to 589+00	10	10	20-Oct-17	03-Nov-17	14	[Green bar]											
CUIW0-303.2	Construct Infrastr. CoA #114S (24"), Sta. 566+00 to 589+00, LT	15	15	29-Nov-17	20-Dec-17	4	[Green bar]											
CUIW0-303.1	Construct Infrastr. CoA #114N (24"), Sta. 557+00 to 566+00, LT	10	10	21-Dec-17	05-Jan-18	4	[Green bar]											
CUIW0-107	Construct Infrastr. CoA #107 (24"), Sta. 543+00 to 557+00, LT	25	25	08-Jan-18	09-Feb-18	4	[Green bar]											
CUCW0-107	Cut-Over CoA #107/#114 (24"), Sta. 543+00 to 588+50, LT	20	20	12-Feb-18	13-Mar-18	4	[Green bar]											
<b>US183-W0-157</b>		126	126	10-Jul-17	17-Jan-18	413	[Gantt bar from 10-Jul-17 to 17-Jan-18]											
CUIW0-463	Construct Infrastr. CoA #120 (16"), Sta. 582+00 Bore	15	15	10-Jul-17	28-Jul-17	65	[Green bar]											
CUCW0-373	Cut-Over CoA #118 (12"), Sta. 582+00 to 589+00, RT	15	15	06-Nov-17	28-Nov-17	94	[Green bar]											
CUIW0-273	Construct Infrastr. CoA #120 (16"), Sta. 582+00	5	5	27-Nov-17	01-Dec-17	76	[Green bar]											
CUIW0-157	Construct Infrastr. CoA #157/#158 (12"), Sta. 579+00 to 581+00, LT	10	10	05-Dec-17	18-Dec-17	78	[Green bar]											
CUCW0-273	Cut-Over CoA #120 (16"), Sta. 582+00	15	15	04-Dec-17	26-Dec-17	76	[Green bar]											
CUCW0-383	Cut-Over CoA #123 (16"), Sta. 582+00 to 589+00, RT	15	15	05-Dec-17	27-Dec-17	75	[Green bar]											
CUCW0-157	Cut-Over CoA #157/#158 (12"), Sta. 579+00 to 581+00, LT	15	15	20-Dec-17	11-Jan-18	78	[Green bar]											
CUCW0-353	Cut-Over CoA #139, WB Sta. 136+50	15	15	27-Dec-17	17-Jan-18	413	[Green bar]											
<b>US183-FM0-022</b>		15	15	01-Sep-17	25-Sep-17	63	[Gantt bar from 01-Sep-17 to 25-Sep-17]											
CUCFM0-022	Cut-Over CoA #19, Sta. 432+12 to 474+53, LT	15	15	01-Sep-17	25-Sep-17	63	[Green bar]											
<b>US183-WW0-003</b>		20	0	01-Aug-16 A	28-Sep-16 A		[Gantt bar from 01-Aug-16 A to 28-Sep-16 A]											
CUIWW0-003	Construct Infrastr. CoA #WW001 (8"), Springdale/Manor	10	0	01-Aug-16 A	13-Aug-16 A		[Green bar]											

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUCWW0-003	Cut-Over CoA #WW001, Springdale/Manor	15	0	06-Sep-16 A	28-Sep-16 A													
<b>US183-WW0-005</b>		60	60	26-Jun-17	25-Sep-17	0												
CUIWW0-194	Construct Infrastr. CoA #WW005 (72"), Sta. 306+00, X-ing Bore	50	50	26-Jun-17	08-Sep-17	0												
CUIWW0-005	Construct Infrastr. CoA #WW005 (72"), Sta. 306+00, X-ing	10	10	11-Sep-17	25-Sep-17	0												
<b>US183-WW0-006</b>		25	25	11-Sep-17	18-Oct-17	259												
CUIWW0-184	Construct Infrastr. CoA #WW088 (8") Sta. 329+00, LT Bore	15	15	11-Sep-17	02-Oct-17	259												
CUIWW0-006	Construct Infrastr. CoA #WW088 (8") Sta. 329+00, LT	10	10	04-Oct-17	18-Oct-17	259												
<b>US183-WW0-009</b>		45	0	21-Dec-16 A	21-Apr-17 A													
CUIWW0-174	Construct Infrastr. CoA #WW011 (8"), Sta. 358+00 Bore	30	0	21-Dec-16 A	02-Feb-17 A													
CUIWW0-009	Construct Infrastr. CoA #WW011 (8"), Sta. 358+00	5	0	08-Feb-17 A	21-Apr-17 A													
<b>US183-WW0-015</b>		20	20	14-Aug-17	12-Sep-17	3												
CUIWW0-015	Construct Infrastr. CoA #WW015/#WW016 (8"), Sta. 379+00 to 386+00	20	20	14-Aug-17	12-Sep-17	3												
<b>US183-WW0-025</b>		134	134	12-Oct-17	03-May-18	342												
CUIWW0-164.1	Construct Infrastr. CoA #WW084 (21"), Sta. 500+00, 42" Bore B	7	7	12-Oct-17	23-Oct-17	371												
CUIWW0-164.2	Construct Infrastr. CoA #WW084 (21"), Sta. 499+60, 42" Bore A	18	18	24-Oct-17	17-Nov-17	371												
CUIWW0-025	Construct Infrastr. CoA #WW084 (21"), Sta. 499+50 to 500+70	10	10	28-Mar-18	11-Apr-18	292												
CUCWW0-025	Cut-Over CoA #WW084, Sta. 499+60	15	15	12-Apr-18	03-May-18	342												
<b>US183-WW0-042</b>		25	25	09-Aug-17	14-Sep-17	39												
CUIWW0-042	Construct Infrastr. CoA #WW042/#WW044/WW/#086 (8") - Sta. 557+0	25	25	09-Aug-17	14-Sep-17	39												
<b>US183-WW0-047</b>		15	15	02-Nov-17	22-Nov-17	71												
CUIWW0-047	Construct Infrastr. CoA #WW040 (8"), Sta. 562+00 to 570+00, LT	15	15	02-Nov-17	22-Nov-17	71												
<b>US183-WW0-051</b>		20	20	17-Aug-17	15-Sep-17	65												
CUIWW0-144	Construct Infrastr. CoA #WW044 (24"), Sta. 574+30 Bore	20	20	17-Aug-17	15-Sep-17	65												
<b>US183-WW0-023</b>		42	5	21-Apr-17 A	27-Jul-17	30												
CUIWW0-134	Construct Infrastr. CoA #WW023 (21"), Sta. 444+90 Bore	20	0	21-Apr-17 A	19-May-17 A													
CUIWW0-018	Construct Infrastr. CoA #WW023 (21"), Sta. 444+90	5	5	21-Jul-17	27-Jul-17	30												
<b>US183-W0-004</b>		29	0	18-Oct-16 A	19-Nov-16 A													
CUIW0-004	Construct Infrastr. CoA #004 (12"), Springdale/Manor	10	0	18-Oct-16 A	03-Nov-16 A													
CUCW0-004	Cut-Over CoA #004 (12"), Springdale/Manor	15	0	03-Nov-16 A	19-Nov-16 A													
<b>US183-W0-049</b>		67	5	04-Apr-17 A	03-Aug-17	30												
CUIW0-453	Construct Infrastr. CoA #071 (12"), Sta. 444+80 Bore	20	0	04-Apr-17 A	17-Apr-17 A													
CUIW0-049	Construct Infrastr. CoA #071 (12"), Sta. 444+80	5	5	28-Jul-17	03-Aug-17	30												
<b>US183-W0-068</b>		30	30	13-Oct-17	29-Nov-17	166												
CUIW0-203	Construct Infrastr. CoA #068 (12"), Sta. 437+00 to 468+00, LT	15	15	13-Oct-17	06-Nov-17	166												
CUCW0-203	Cut-Over CoA #68/#71 (12"), Sta. 437+00 to 468+00, LT	15	15	07-Nov-17	29-Nov-17	166												
<b>US183-WW0-019</b>		25	25	26-Jul-17	31-Aug-17	9												
CUIWW0-64	Construct Infrastr. CoA #WW019 (36" FM) Sta. 433+00 to 470+00, LT	25	25	26-Jul-17	31-Aug-17	9												
<b>US183-WW0-026</b>		107	107	16-Oct-17	27-Mar-18	367												
CUIWW0-154.1	Construct Infrastr. CoA #WW085 (24"), Sta. 508+30, 36" Bore C	10	10	16-Oct-17	30-Oct-17	231												
CUIWW0-154.2	Construct Infrastr. CoA #WW085 (24"), Sta. 508+35, 36" Bore B	15	15	01-Nov-17	21-Nov-17	231												
CUIWW0-154.3	Construct Infrastr. CoA #WW085 (24"), Sta. 510+40, 36" Bore A	10	10	22-Nov-17	07-Dec-17	231												
CUCWW0-026	Cut-Over CoA #WW085, Sta. 500+00 Betterment	15	15	08-Dec-17	02-Jan-18	424												
CUIWW0-026	Construct Infrastr. CoA #WW085 (24"), Sta. 510+00	15	15	05-Mar-18	27-Mar-18	292												
<b>US183-W0-077</b>		40	40	04-Aug-17	05-Oct-17	480												
CUIW0-057	Construct Infrastr. CoA #077 (16"), Sta. 489+00 to 499+00, RT	25	25	04-Aug-17	12-Sep-17	166												
CUCW0-057	Cut-Over CoA #077 (16"), Sta. 489+00 to 499+00, RT	15	15	13-Sep-17	05-Oct-17	480												
<b>US183-W0-143</b>		25	25	05-Jan-18	08-Feb-18	408												
CUIW0-263	Construct Infrastr. CoA #143 (12"), Sta. 434+00 at Thurgood Ave.	5	5	05-Jan-18	11-Jan-18	198												
CUCW0-213	Cut-Over CoA #143 (12"), Sta. 434+00 at Thurgood Ave.	20	20	12-Jan-18	08-Feb-18	408												

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020			
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
<b>UFO [FO7]</b>		228	51	07-Nov-16 A	11-Sep-17	283														
<b>US183-FO7-001</b>		228	51	07-Nov-16 A	11-Sep-17	283														
CUCOHFO7-110	Cut-Over UFO - Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	07-Nov-16 A	27-Mar-17 A															
CUCOHFO7-113	Cut-Over UFO - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	12-May-17 A	11-Sep-17	283														
CUCOHFO7-112	Cut-Over UFO - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	51	24-Apr-17 A	11-Sep-17	283														
<b>Utility Betterments</b>		363	255	09-Nov-16 A	23-Jul-18	292														
<b>City of Austin Betterments</b>		363	255	09-Nov-16 A	23-Jul-18	292														
CUIW0-383	Construct Infrastr. CoA Water Line North - New (Betterment)	30	30	09-Nov-16 A	09-Aug-17	494														
CUIW0-393	Construct Infrastr. CoA Water Line North - Upgrade (Betterment)	30	30	09-Nov-16 A	09-Aug-17	494														
CEASW0-0403	Easements - New Lines & Betterments (W#63/75/80/85/WW#18/19) (B	30	30	09-Nov-16 A	09-Aug-17	494														
CUIW0-593.2	Construct Infrastr. CoA #080 (24") Sta. 512+50 to 513+80 Bore D	10	10	09-Aug-17	23-Aug-17	211														
CUIW0-593.3	Construct Infrastr. CoA #080 (24") Sta. 511+25 to 511+75 Bore C	10	10	24-Aug-17	07-Sep-17	211														
CUIW0-593.4	Construct Infrastr. CoA #080 (24") Sta. 510+50 to 511+05 Bore B	10	10	08-Sep-17	22-Sep-17	211														
CUIW0-593.5	Construct Infrastr. CoA #080 (24") Sta. 509+05 to 510+50 Bore A	12	12	25-Sep-17	11-Oct-17	211														
CUIW0-363	Construct Infrastr. CoA Water Line South - New (Betterment)	30	30	05-Dec-17	18-Jan-18	389														
CUIW0-373	Construct Infrastr. CoA Water Line South - Upgrade (Betterment)	30	30	05-Dec-17	18-Jan-18	389														
CUIW0-593.1	Construct Infrastr. CoA #080 (24") Sta. 489+00 to 515+50 & Xing	50	50	20-Dec-17	02-Mar-18	122														
CUIWW0-124	Construct Infrastr. CoA Waste Water Line South - Upgrade (Betterment)	55	55	12-Apr-18	09-Jul-18	302														
CUIWW0-114	Construct Infrastr. CoA Waste Water Line South - New (Betterment)	55	55	27-Apr-18	23-Jul-18	292														
<b>US183-W0-046 Betterment</b>		30	0	12-Apr-17 A	13-Apr-17 A															
CUCW0-202	Cut-Over CoA #046 Bore at MLK Blvd. Betterment	15	0	12-Apr-17 A	13-Apr-17 A															
CUCW0-393	Cut-Over CoA #045/#046 (24") Sta. 338+00 to 344+00, RT	15	0	12-Apr-17 A	13-Apr-17 A															
<b>US183-W0-063/083 Betterment</b>		15	15	14-Jul-17	03-Aug-17	38														
CUCW0-035a.2	Cut-Over CoA #048/051/#054N (24"), Sta. 357+00 to 379+50, LT/RT	5	5	21-Jul-17	27-Jul-17	36														
CUCW0-035a.1	Cut-Over CoA #054S/#063 (24"), Sta. 379+50 to 425+00, LT	15	15	14-Jul-17	03-Aug-17	38														
<b>US183-W0-075 Betterment</b>		35	35	13-Sep-17	06-Nov-17	391														
CUIW0-055	Construct Infrastr. CoA #075 (12"), Sta. 472+00 to 489+00, RT	20	20	13-Sep-17	12-Oct-17	166														
CUCW0-055	Cut-Over CoA #075 (12"), Sta. 472+00 to 489+00, RT Betterment	15	15	13-Oct-17	06-Nov-17	391														
<b>US183-W0-085 Betterment</b>		20	20	26-Oct-17	27-Nov-17	9														
CUCW0-085	Cut-Over CoA #085/#146 (24"), Sta. 431+00 to 489+00, LT Betterment (	20	20	26-Oct-17	27-Nov-17	9														
<b>US183-WW0-018 Betterment</b>		45	20	26-May-17 A	25-Jul-17	9														
CUIWW0-019	Construct Infrastr. CoA #WW018 (36") Sta. 445+00 to 483+00, LT	45	20	26-May-17 A	25-Jul-17	9														
<b>Design</b>		503	47	10-Sep-15 A	05-Sep-17	287														
<b>General Activities and Field Work</b>		249	0	10-Sep-15 A	26-Mar-17 A															
<b>Design Mobilization</b>		40	0	10-Sep-15 A	20-Nov-15 A															
ADMIN-191	CRC Design Mobilization	40	0	10-Sep-15 A	20-Nov-15 A															
<b>Survey Work</b>		60	0	10-Sep-15 A	15-Dec-15 A															
ADMIN-180	Conduct/Complete Site Surveys and Investigations for Approval [DBC 7.	60	0	10-Sep-15 A	15-Dec-15 A															
<b>Geotechnical Investigations</b>		266	0	10-Sep-15 A	26-Mar-17 A															
DGEB-200	Develop Detailed Boring Program (TP 14.0)	20	0	10-Sep-15 A	20-Sep-15 A															
DGEB-0200	Geotechnical Borings (Pavement) [Pavement was Prescribed]	20	0	01-Dec-15 A	01-Dec-15 A															
DGEL-0200	Geotechnical Lab Testing (Pavement) [Pavement was Prescribed]	20	0	01-Dec-15 A	01-Dec-15 A															
DGER-0200	Geotechnical Reports (Pavement) [Pavement was Prescribed]	50	0	01-Dec-15 A	01-Dec-15 A															
DGEB-0000	Geotechnical Borings (Bridge)	60	0	10-Sep-15 A	15-Apr-16 A															
DGEB-0100	Geotechnical Borings (Wall)	30	0	10-Sep-15 A	15-Apr-16 A															
DGEL-0000	Geotechnical Lab Testing (Bridge)	65	0	10-Sep-15 A	22-Apr-16 A															
DGEL-0100	Geotechnical Lab Testing (Wall)	30	0	10-Sep-15 A	22-Apr-16 A															
DGER-0000	Geotechnical Reports (Bridge)	226	0	01-Oct-15 A	26-Mar-17 A															



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DGER-0100	Geotechnical Reports (Wall)	59	0	28-Dec-15 A	26-Mar-17 A													
<b>Develop Specifications</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
<b>Drainage / Hydraulics</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0100	Develop/Submit Specifications - Drainage/Hydraulics	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-170	CTRMA Review/Approval - Drainage/Hydraulics Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Roadway</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0110	Develop/Submit Specifications - Roadway	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-180	CTRMA Review/Approval - Roadway Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Structures</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0160	Develop/Submit Specifications - Structures	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-230	CTRMA Review/Approval - Structures Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>ITS/Electrical</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0170	Develop/Submit Specifications - ITS/Electrical	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-240	CTRMA Review/Approval - ITS/Electrical Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Geotechnical</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0130	Develop/Submit Specifications - Geotechnical	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-200	CTRMA Review/Approval - Geotechnical Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Utilities</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0120	Develop/Submit Specifications - Utilities	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-190	CTRMA Review/Approval - Utilities Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Walls</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0150	Develop/Submit Specifications - Walls	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-220	CTRMA Review/Approval - Walls Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>MOT</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0140	Develop/Submit Specifications - Maintenance of Traffic (MOT)	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-210	CTRMA Review/Approval - Maintenance of Traffic (MOT) Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Environmental Design</b>		<b>152</b>	<b>50</b>	<b>10-Sep-15 A</b>	<b>05-Sep-17</b>	<b>72</b>												
<b>Erosion Control/SWPPP/EPIC</b>		<b>152</b>	<b>50</b>	<b>10-Sep-15 A</b>	<b>05-Sep-17</b>	<b>72</b>												
ADMIN-200	CRC Address Environmental Permits Issues and Commitments (EPIC)	60	0	10-Sep-15 A	20-Jan-16 A													
DSWP-0000	Develop Storm Water Pollution-Prevention Plan (SWPPP) (Incl. NOI / SI	60	0	10-Sep-15 A	19-Feb-16 A													
DSWP-0010	Review/Approval of Storm Water Pollution-Prevention Plan (SWPPP)	20	0	20-Feb-16 A	14-Mar-16 A													
ADMIN-1006	Environmental Re-evaluation A (including Review/Approval)	60	0	30-Nov-15 A	22-May-17 A													
ADMIN-1016	Environmental Re-evaluation B (including Review/Approval)	70	50	30-Nov-15 A	05-Sep-17	72												
<b>Design Packages</b>		<b>503</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>22-May-17 A</b>													
<b>Aesthetics Packages</b>		<b>30</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>21-Mar-17 A</b>													
<b>Aesthetic Package 1</b>		<b>30</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>21-Mar-17 A</b>													
DAE01-010	Design Aesthetics Pkg. 01 - Master Aesthetics Plan	30	0	10-Sep-15 A	21-Mar-17 A													
<b>Maintenance of Traffic (MOT)</b>		<b>256</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>26-Mar-17 A</b>													
<b>MOT Package 0 (Early)</b>		<b>163</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>15-Apr-16 A</b>													
DEMO01-10	Design Early MOT Pkg. 01 - Preliminary (30%)	50	0	10-Sep-15 A	16-Nov-15 A													
DEMO01-50	Design Early MOT Pkg. 01 - Final (100%)	25	0	25-Jan-16 A	19-Feb-16 A													
DEMO01-70	Design Early MOT Pkg. 01 - Release for Construction (RFC)	5	0	26-Mar-16 A	15-Apr-16 A													
DEMO01-90	Early MOT Pkg. 01 - Final Concurrence (RFC)	2	0	01-Apr-16 A	15-Apr-16 A													
<b>MOT Package 1</b>		<b>187</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>09-Dec-16 A</b>													
DMO01-010	Design MOT Pkg. 01 - Preliminary (30%)	45	0	10-Sep-15 A	16-Nov-15 A													
DMO01-030	Design MOT Pkg. 01 - Intermediate (65%)	40	0	25-Jan-16 A	02-Mar-16 A													
DMO01-050	Design MOT Pkg. 01 - Final (100%)	15	0	28-Mar-16 A	06-May-16 A													
DMO01-070	Design MOT Pkg. 01 - Release for Construction (RFC)	10	0	07-Jun-16 A	09-Dec-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DMO01-090	MOT Pkg. 01 - Final Concurrence (RFC)	2	0	07-Jun-16 A	09-Dec-16 A													
<b>MOT Package 2</b>		177	0	19-Nov-15 A	09-Dec-16 A													
DMO02-010	Design MOT Pkg. 02 - Preliminary (30%)	45	0	19-Nov-15 A	04-Feb-16 A													
DMO02-030	Design MOT Pkg. 02 - Intermediate (65%)	40	0	11-Feb-16 A	25-May-16 A													
DMO02-050	Design MOT Pkg. 02 - Final (100%)	20	0	01-Jul-16 A	05-Aug-16 A													
DMO02-070	Design MOT Pkg. 02 - Release for Construction (RFC)	10	0	09-Sep-16 A	09-Dec-16 A													
DMO02-090	MOT Pkg. 02 - Final Concurrence (RFC)	2	0	09-Sep-16 A	09-Dec-16 A													
<b>MOT Package 3</b>		65	0	22-Jul-16 A	26-Mar-17 A													
DMO03-050	Design MOT Pkg. 03 - Final (100%)	20	0	22-Jul-16 A	31-Aug-16 A													
DMO03-070	Design MOT Pkg. 03 - Release for Construction (RFC)	10	0	26-Sep-16 A	26-Mar-17 A													
DMO03-090	MOT Pkg. 03 - Final Concurrence (RFC)	2	0	26-Sep-16 A	26-Mar-17 A													
<b>Roadway / Drainage</b>		197	0	10-Sep-15 A	09-Dec-16 A													
<b>Roadway Package 0 (Early)</b>		130	0	10-Sep-15 A	15-Apr-16 A													
DERD01-10	Design Early Roadway Pkg. - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DERD01-50	Design Early Roadway Pkg. - Final (100%)	33	0	28-Dec-15 A	03-Feb-16 A													
DERD01-70	Design Early Roadway Pkg. - Release for Construction (RFC) (FRM)	5	0	03-Mar-16 A	15-Apr-16 A													
DERD01-90	Early Roadway Pkg. - Final Concurrence (RFC)	5	0	15-Apr-16 A	15-Apr-16 A													
<b>Roadway/Drainage Package 1</b>		168	0	10-Sep-15 A	15-Jul-16 A													
DRD01-010	Design Roadway Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DDR04-010	Design Drainage Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	16-Nov-15 A													
DRD01-030	Design Roadway Pkg. 01 - Intermediate (65%)	42	0	28-Dec-15 A	03-Feb-16 A													
DDR04-030	Design Drainage Pkg. 01 - Intermediate (65%)	33	0	14-Dec-15 A	19-Feb-16 A													
DRD01-050	Design Roadway Pkg. 01 - Final (100%)	20	0	10-Mar-16 A	20-Apr-16 A													
DRD01-070	Design Roadway Pkg. 01 - Release for Construction (RFC)	10	0	20-May-16 A	15-Jul-16 A													
DRD01-090	Roadway Pkg. 01 - Final Concurrence (RFC)	2	0	01-Jun-16 A	15-Jul-16 A													
<b>Roadway/Drainage Package 2</b>		197	0	10-Sep-15 A	09-Dec-16 A													
DRD02-010	Design Roadway Pkg. 02 - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DDR05-010	Design Drainage Pkg. 02 - Preliminary (30%)	40	0	10-Sep-15 A	16-Nov-15 A													
DRD02-030	Design Roadway Pkg. 02 - Intermediate (65%)	42	0	25-Nov-15 A	03-Feb-16 A													
DDR05-030	Design Drainage Pkg. 02 - Intermediate (65%)	33	0	14-Dec-15 A	19-Feb-16 A													
DDR03-050	Design Early Drainage Pkg. - Final (100%)	46	0	25-Nov-15 A	22-Feb-16 A													
DRD02-050	Design Roadway Pkg. 02 - Final (100%)	20	0	16-Feb-16 A	20-Apr-16 A													
DDR03-070	Design Early Drainage Pkg. - Release for Construction (RFC) (FRM)	5	0	22-Mar-16 A	29-Apr-16 A													
DDR03-090	Early Drainage Pkg. - Final Concurrence (RFC)	2	0	23-Apr-16 A	29-Apr-16 A													
DDR05-050	Design Drainage Pkg. 02 - Final (100%)	20	0	28-Mar-16 A	06-May-16 A													
DDR04-050	Design Drainage Pkg. 01 - Final (100%)	20	0	28-Mar-16 A	27-May-16 A													
DRD02-070	Design Roadway Pkg. 02 - Release for Construction (RFC)	10	0	23-May-16 A	02-Aug-16 A													
DRD02-090	Roadway Pkg. 02 - Final Concurrence (RFC)	2	0	02-Jun-16 A	02-Aug-16 A													
DDR04-070	Design Drainage Pkg. 01 - Release for Construction (RFC)	20	0	29-Jun-16 A	23-Sep-16 A													
DDR04-090	Drainage Pkg. 01 - Final Concurrence (RFC)	2	0	30-Jun-16 A	23-Sep-16 A													
DDR05-070	Design Drainage Pkg. 02 - Release for Construction (RFC)	20	0	14-Jun-16 A	09-Dec-16 A													
DDR05-090	Drainage Pkg. 02 - Final Concurrence (RFC)	2	0	14-Jun-16 A	09-Dec-16 A													
<b>Traffic/ITS</b>		215	0	10-Sep-15 A	20-Jan-17 A													
<b>Traffic/ITS Package 1</b>		215	0	10-Sep-15 A	20-Jan-17 A													
DTI01-010	Design Traffic/ITS Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	03-Dec-15 A													
DTI01-030	Design Traffic/ITS Pkg. 01 - Intermediate (65%)	40	0	21-Jan-16 A	25-Mar-16 A													
DTI01-050	Design Traffic/ITS Pkg. 01 - Final (100%)	25	0	17-May-16 A	11-Aug-16 A													
DTI01-070	Design Traffic/ITS Pkg. 01 - Release for Construction (RFC)	10	0	14-Sep-16 A	20-Jan-17 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DTI01-090	Traffic/ITS Pkg. 01 - Final Concurrence (RFC)	2	0	14-Sep-16 A	20-Jan-17 A													
<b>Traffic/Illumination</b>		<b>213</b>	<b>0</b>	<b>21-Jan-16 A</b>	<b>17-Jan-17 A</b>													
<b>Traffic/Illumination</b>		213	0	21-Jan-16 A	17-Jan-17 A													
DTI01-90	Design Traffic/Illumination Pkg. 01 - Intermediate (65%)	40	0	21-Jan-16 A	08-Apr-16 A													
DTI01-110	Design Traffic/Illumination Pkg. 01 - Final (100%)	25	0	15-Apr-16 A	12-Oct-16 A													
DTI01-130	Design Traffic/Illumination Pkg. 01 - Release for Construction (RFC)	10	0	10-Nov-16 A	17-Jan-17 A													
DTI01-150	Traffic/Illumination Pkg. 01 - Final Concurrence (RFC)	2	0	10-Nov-16 A	17-Jan-17 A													
<b>Wall Packages</b>		<b>324</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>24-Mar-17 A</b>													
<b>Wall Package 0 (Early)</b>		146	0	10-Sep-15 A	11-May-16 A													
DEWL01-10	Design Early Wall Pkg. 01 - Preliminary (30%)	30	0	10-Sep-15 A	20-Nov-15 A													
DEWL01-50	Design Early Wall Pkg. 01 - Final (100%)	25	0	25-Jan-16 A	19-Feb-16 A													
DEWL01-70	Design Early Wall Pkg. 01 - Release for Construction (RFC)	10	0	23-Mar-16 A	11-May-16 A													
DEWL01-90	Early Wall Pkg. 01 - Final Concurrence (RFC)	2	0	23-Mar-16 A	11-May-16 A													
<b>Wall Package 1</b>		166	0	10-Sep-15 A	25-Jun-16 A													
DWL01-010	Design Wall Pkg. 01 - Preliminary (30%)	25	0	10-Sep-15 A	20-Nov-15 A													
DWL01-030	Design Wall Pkg. 01 - Intermediate (65%)	25	0	25-Jan-16 A	09-Feb-16 A													
DWL01-050	Design Wall Pkg. 01 - Final (100%)	15	0	19-Feb-16 A	04-Apr-16 A													
DWL01-070	Design Wall Pkg. 01 - Release for Construction (RFC)	10	0	06-May-16 A	13-May-16 A													
DWL01-090	Wall Pkg. 01 - Final Concurrence (RFC)	2	0	03-Jun-16 A	25-Jun-16 A													
<b>Wall Package 2</b>		128	0	23-Nov-15 A	05-Aug-16 A													
DWL02-010	Design Wall Pkg. 02 - Preliminary (30%)	25	0	23-Nov-15 A	15-Jan-16 A													
DWL02-030	Design Wall Pkg. 02 - Intermediate (65%)	25	0	19-Feb-16 A	21-Mar-16 A													
DWL02-050	Design Wall Pkg. 02 - Final (100%)	15	0	02-May-16 A	25-May-16 A													
DWL02-070	Design Wall Pkg. 02 - Release for Construction (RFC)	10	0	27-Jun-16 A	05-Aug-16 A													
DWL02-090	Wall Pkg. 02 - Final Concurrence (RFC)	2	0	27-Jun-16 A	05-Aug-16 A													
<b>Wall Package 3</b>		199	0	22-Dec-15 A	21-Oct-16 A													
DWL03-010	Design Wall Pkg. 03 - Preliminary (30%)	25	0	22-Dec-15 A	22-Feb-16 A													
DWL03-030	Design Wall Pkg. 03 - Intermediate (65%)	25	0	01-Apr-16 A	29-Apr-16 A													
DWL03-050	Design Wall Pkg. 03 - Final (100%)	15	0	07-Jun-16 A	15-Aug-16 A													
DWL03-070	Design Wall Pkg. 03 - Release for Construction (RFC)	10	0	12-Sep-16 A	21-Oct-16 A													
DWL03-090	Wall Pkg. 03 - Final Concurrence (RFC)	2	0	12-Sep-16 A	21-Oct-16 A													
<b>Wall Package 4</b>		282	0	22-Dec-15 A	24-Mar-17 A													
DWL04-030	Design Wall Pkg. 04 - Intermediate (65%)	25	0	22-Dec-15 A	13-Jun-16 A													
DWL04-050	Design Wall Pkg. 04 - Final (100%)	15	0	15-Jul-16 A	11-Aug-16 A													
DWL04-070	Design Wall Pkg. 04 - Release for Construction (RFC)	10	0	02-Sep-16 A	06-Oct-16 A													
DWL04-090	Wall Pkg. 04 - Final Concurrence (RFC)	2	0	02-Sep-16 A	06-Oct-16 A													
DWL05-050	Design Wall Pkg. 05 - Final (100%)	15	0	05-Dec-16 A	20-Dec-16 A													
DWL05-070	Design Wall Pkg. 05 - Release for Construction (RFC)	5	0	19-Jan-17 A	24-Mar-17 A													
DWL05-090	Wall Pkg. 05 - Final Concurrence (RFC)	1	0	19-Jan-17 A	24-Mar-17 A													
<b>Bridge Packages</b>		<b>478</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>16-Mar-17 A</b>													
<b>Bridge Package 0 (Early 1)</b>		176	0	10-Sep-15 A	15-Apr-16 A													
DEBR01-10	Design Early Bridge Pkg. 01 - Preliminary (30%)	50	0	10-Sep-15 A	23-Oct-15 A													
DEBR01-50	Design Early Bridge Pkg. 01 - Final (100%)	30	0	20-Nov-15 A	19-Feb-16 A													
DEBR01-70	Design Early Bridge Pkg. 01 - Release for Construction (ERFC)	15	0	24-Mar-16 A	15-Apr-16 A													
DEBR01-90	Early Bridge Pkg. 01 - Final Concurrence (ERFC)	5	0	28-Mar-16 A	15-Apr-16 A													
DSDE01-50	Early Bridge Pkg. 01 - Shop Drawings, Fabrication and Delivery	60	0	28-Mar-16 A	15-Apr-16 A													
<b>Bridge Package 0 (Early 2)</b>		199	0	10-Sep-15 A	30-Jun-16 A													
DEBR01-100	Design Early Bridge Pkg. 02 - Preliminary (30%)	50	0	10-Sep-15 A	23-Oct-15 A													

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DEBR01-120	Design Early Bridge Pkg. 02 - Final (100%)	30	0	20-Nov-15 A	19-Feb-16 A													
DEBR01-140	Design Early Bridge Pkg. 02 - Release for Construction (ERFC)	15	0	16-May-16 A	30-Jun-16 A													
DEBR01-160	Early Bridge Pkg. 02 - Final Concurrence (ERFC)	15	0	16-May-16 A	30-Jun-16 A													
DSDE01-60	Early Bridge Pkg. 02 - Shop Drawings, Fabrication and Delivery	40	0	27-Jun-16 A	30-Jun-16 A													
<b>Bridge Package 1a</b>		<b>223</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>15-Jan-17 A</b>													
DBR01-010	Design Bridge Pkg. 01a - Preliminary (30%)	30	0	10-Sep-15 A	23-Oct-15 A													
DBR01-030	Design Bridge Pkg. 01a - Intermediate (65%)	35	0	17-Nov-15 A	21-Jan-16 A													
DBR01-050	Design Bridge Pkg. 01a - Final (100%)	25	0	29-Feb-16 A	01-Apr-16 A													
DBR01-070	Design Bridge Pkg. 01a - Release for Construction (RFC)	10	0	25-Apr-16 A	17-Jun-16 A													
DBR01-090	Bridge Pkg. 01a - Final Concurrence (RFC)	14	0	20-May-16 A	17-Jun-16 A													
DSD01-100	Bridge Pkg. 01a - Shop Drawings, Fabrication and Delivery	85	0	22-Apr-16 A	15-Jan-17 A													
<b>Bridge Package 1b</b>		<b>224</b>	<b>0</b>	<b>19-Oct-15 A</b>	<b>15-Jan-17 A</b>													
DBR02-010	Design Bridge Pkg. 01b - Preliminary (30%)	30	0	19-Oct-15 A	02-Nov-15 A													
DBR02-030	Design Bridge Pkg. 01b - Intermediate (65%)	35	0	20-Nov-15 A	29-Jan-16 A													
DBR02-050	Design Bridge Pkg. 01b - Final (100%)	22	0	19-Feb-16 A	12-Apr-16 A													
DBR02-070	Design Bridge Pkg. 01b - Release for Construction (RFC)	10	0	11-May-16 A	21-Jul-16 A													
DBR02-090	Bridge Pkg. 01b - Final Concurrence (RFC)	2	0	19-May-16 A	21-Jul-16 A													
DSD02-100	Bridge Pkg. 01b - Shop Drawings, Fabrication and Delivery	85	0	22-Jul-16 A	15-Jan-17 A													
<b>Bridge Package 1c</b>		<b>379</b>	<b>0</b>	<b>19-Oct-15 A</b>	<b>15-Jan-17 A</b>													
DBR1c-010	Design Bridge Pkg. 01c - Preliminary (30%)	30	0	19-Oct-15 A	14-Dec-15 A													
DBR1c-030	Design Bridge Pkg. 01c - Intermediate (65%)	35	0	16-Dec-15 A	22-Mar-16 A													
DBR1c-050	Design Bridge Pkg. 01c - Final (100%)	30	0	04-Apr-16 A	01-Jun-16 A													
DBR1c-090	Bridge Pkg. 01c - Final Concurrence (RFC)	2	0	21-Jun-16 A	25-Jul-16 A													
DBR1c-070	Design Bridge Pkg. 01c - Release for Construction (RFC)	20	0	21-Jun-16 A	25-Jul-16 A													
DSD1c-100	Bridge Pkg. 01c - Shop Drawings, Fabrication and Delivery	66	0	22-Jul-16 A	15-Jan-17 A													
<b>Bridge Package 2a</b>		<b>380</b>	<b>0</b>	<b>16-Mar-16 A</b>	<b>16-Mar-17 A</b>													
DBR03-010	Design Bridge Pkg. 02a - Preliminary (30%)	30	0	16-Mar-16 A	29-Apr-16 A													
DBR03-030	Design Bridge Pkg. 02a - Intermediate (65%)	35	0	20-May-16 A	02-Aug-16 A													
DBR03-050	Design Bridge Pkg. 02a - Final (100%)	30	0	03-Aug-16 A	19-Jan-17 A													
DBR03-070	Design Bridge Pkg. 02a - Release for Construction (RFC)	20	0	08-Feb-17 A	16-Mar-17 A													
DBR03-090	Bridge Pkg. 02a - Final Concurrence (RFC)	2	0	08-Feb-17 A	16-Mar-17 A													
DSD03-100	Bridge Pkg. 02a - Shop Drawings, Fabrication and Delivery	85	0	03-Aug-16 A	16-Mar-17 A													
<b>Bridge Package 2b</b>		<b>380</b>	<b>0</b>	<b>16-Mar-16 A</b>	<b>20-Dec-16 A</b>													
DBR04-010	Design Bridge Pkg. 02b - Preliminary (30%)	30	0	16-Mar-16 A	06-May-16 A													
DBR04-030	Design Bridge Pkg. 02b - Intermediate (65%)	35	0	16-Jun-16 A	22-Jul-16 A													
DBR04-050	Design Bridge Pkg. 02b - Final (100%)	30	0	20-Aug-16 A	30-Sep-16 A													
DBR04-070	Design Bridge Pkg. 02b - Release for Construction (RFC)	20	0	29-Oct-16 A	20-Dec-16 A													
DBR04-090	Bridge Pkg. 02b - Final Concurrence (RFC)	2	0	29-Oct-16 A	20-Dec-16 A													
DSD04-100	Bridge Pkg. 02b - Shop Drawings, Fabrication and Delivery	85	0	20-Aug-16 A	20-Dec-16 A													
<b>Bridge Package 2c</b>		<b>264</b>	<b>0</b>	<b>21-Aug-16 A</b>	<b>06-Feb-17 A</b>													
DBR05-050	Design Bridge Pkg. 02c - Final (100%)	30	0	21-Aug-16 A	20-Sep-16 A													
DBR05-070	Design Bridge Pkg. 02c - Release for Construction (RFC)	20	0	24-Oct-16 A	06-Feb-17 A													
DBR05-090	Bridge Pkg. 02c - Final Concurrence (RFC)	2	0	24-Oct-16 A	06-Feb-17 A													
DSD05-100	Bridge Pkg. 02c - Shop Drawings, Fabrication and Delivery	85	0	21-Aug-16 A	06-Feb-17 A													
<b>Traffic Signal Packages</b>		<b>185</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>29-Aug-16 A</b>													
<b>Traffic Signal Package 1</b>		<b>185</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>29-Aug-16 A</b>													
DTS01-010	Design Traffic Signals Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	03-Dec-15 A													
DTS01-030	Design Traffic Signals Pkg. 01 - Intermediate (65%)	35	0	04-Jan-16 A	07-Mar-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DTS01-050	Design Traffic Signals Pkg. 01 - Final (100%)	25	0	12-Apr-16 A	20-May-16 A													
DTS01-070	Design Traffic Signals Pkg. 01 - Release for Construction (RFC)	10	0	21-Jun-16 A	29-Aug-16 A													
DTS01-090	Traffic Signals Pkg. 01 - Final Concurrence (RFC)	2	0	21-Jun-16 A	29-Aug-16 A													
<b>Pavement Marking/Sign Packages</b>		<b>159</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>16-Jan-17 A</b>													
<b>Pavement Marking/Sign Package 1</b>		<b>159</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>16-Jan-17 A</b>													
DTP01-010	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Preliminary (30%)	45	0	10-Sep-15 A	03-Dec-15 A													
DTP01-030	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Intermediate (65%)	40	0	04-Dec-15 A	03-Mar-16 A													
DTP01-050	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Final (100%)	25	0	13-Apr-16 A	20-May-16 A													
DTP01-090	Traffic Pvmt Mrk/Signs Pkg. 01 - Final Concurrence (RFC)	2	0	20-Jun-16 A	16-Jan-17 A													
DTP01-070	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Release for Construction (RFC)	10	0	20-Jun-16 A	16-Jan-17 A													
<b>Landscaping Packages</b>		<b>204</b>	<b>0</b>	<b>06-Feb-16 A</b>	<b>21-Mar-17 A</b>													
<b>Landscaping Package 1</b>		<b>204</b>	<b>0</b>	<b>06-Feb-16 A</b>	<b>21-Mar-17 A</b>													
DLA01-030	Design Landscaping Pkg. 01 - Intermediate (65%) (Included w/Roadway)	45	0	06-Feb-16 A	05-May-16 A													
DLA01-050	Design Landscaping Pkg. 01 - Final (100%) (Included w/Roadway Pkg.)	30	0	10-Jun-16 A	08-Sep-16 A													
DLA01-070	Design Landscaping Pkg. 01 - Release for Construction (RFC) (Include	20	0	24-Oct-16 A	21-Mar-17 A													
DLA01-090	Design Landscaping Pkg. 01 - Final Concurrence (RFC) (Included w/Rc	2	0	24-Oct-16 A	21-Mar-17 A													
<b>CTRMA/IE Reviews</b>		<b>385</b>	<b>0</b>	<b>24-Oct-15 A</b>	<b>22-May-17 A</b>													
<b>Aesthetics</b>		<b>20</b>	<b>0</b>	<b>04-Apr-17 A</b>	<b>22-May-17 A</b>													
DAE01-020	Review Aesthetics Pkg. 01 - MA, TxDOT and FHWA Master Aesthetics	20	0	04-Apr-17 A	22-May-17 A													
<b>Maintenance of Traffic (MOT)</b>		<b>230</b>	<b>0</b>	<b>17-Nov-15 A</b>	<b>26-Mar-17 A</b>													
DEMO01-20	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DMO01-020	Review MOT Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DMO02-020	Review MOT Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	05-Feb-16 A	10-Feb-16 A													
DMO01-040	Review MOT Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	03-Mar-16 A	26-Mar-16 A													
DEMO01-60	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-Feb-16 A	26-Mar-16 A													
DEMO01-80	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA (RFC)	10	0	01-Apr-16 A	15-Apr-16 A													
DMO01-060	Review MOT Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	09-May-16 A	16-Jun-16 A													
DMO02-040	Review MOT Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	11-Apr-16 A	30-Jun-16 A													
DMO02-060	Review MOT Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	05-Aug-16 A	08-Sep-16 A													
DMO03-060	Review MOT Pkg. 03 - MA, TxDOT and FHWA Final (100%)	20	0	01-Sep-16 A	04-Oct-16 A													
DMO01-080	Review MOT Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	07-Jun-16 A	09-Dec-16 A													
DMO02-080	Review MOT Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	15	0	09-Sep-16 A	09-Dec-16 A													
DMO03-080	Review MOT Pkg. 03 - MA, TxDOT and FHWA Review (RFC)	15	0	26-Sep-16 A	26-Mar-17 A													
<b>Roadway / Drainage</b>		<b>196</b>	<b>0</b>	<b>02-Nov-15 A</b>	<b>09-Dec-16 A</b>													
DERD01-15	Review Early Roadway Pkg. - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DRD01-020	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DRD02-020	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DDR04-020	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DDR05-020	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DERD01-60	Review Early Roadway Pkg. - MA, TxDOT and FHWA Final (100%)	20	0	04-Feb-16 A	09-Mar-16 A													
DRD01-040	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	04-Feb-16 A	09-Mar-16 A													
DRD02-040	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	04-Feb-16 A	09-Mar-16 A													
DDR03-060	Review Early Drainage Pkg. - MA, TxDOT and FHWA Final (100%)	20	0	23-Feb-16 A	21-Mar-16 A													
DDR04-040	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	20-Feb-16 A	25-Mar-16 A													
DDR05-040	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	20-Feb-16 A	25-Mar-16 A													
DERD01-80	Review Early Roadway Pkg. - MA, TxDOT and FHWA (RFC)	20	0	16-Mar-16 A	15-Apr-16 A													
DDR03-080	Review Early Drainage Pkg. - MA, TxDOT and FHWA Review (RFC) (C	10	0	11-Apr-16 A	29-Apr-16 A													
DRD01-060	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	21-Apr-16 A	20-May-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DRD02-060	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	21-Apr-16 A	20-May-16 A													
DDR05-060	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	09-May-16 A	14-Jun-16 A													
DDR04-060	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	30-May-16 A	28-Jun-16 A													
DRD01-080	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	20	0	26-May-16 A	15-Jul-16 A													
DRD02-080	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	20	0	31-May-16 A	02-Aug-16 A													
DDR04-080	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	29-Jun-16 A	23-Sep-16 A													
DDR05-080	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	20	0	14-Jun-16 A	09-Dec-16 A													
<b>Traffic/ITS</b>		186	0	04-Dec-15 A	20-Jan-17 A													
DTI01-020	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	04-Dec-15 A	20-Jan-16 A													
DTI01-040	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	28-Mar-16 A	17-May-16 A													
DTI01-060	Review Traffic/ITS/ Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	11-Aug-16 A	13-Sep-16 A													
DTI01-080	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	14-Sep-16 A	20-Jan-17 A													
<b>Traffic/Illumination</b>		164	0	28-Mar-16 A	17-Jan-17 A													
DTI01-100	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Intermediat	25	0	28-Mar-16 A	15-Apr-16 A													
DTI01-120	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Final (100%	20	0	03-Oct-16 A	09-Nov-16 A													
DTI01-140	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Review (RI	15	0	10-Nov-16 A	17-Jan-17 A													
<b>Walls</b>		315	0	21-Nov-15 A	24-Mar-17 A													
DWL01-020	Review Wall Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	21-Nov-15 A	16-Dec-15 A													
DEWL01-20	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	21-Nov-15 A	16-Dec-15 A													
DWL01-040	Review Wall Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	10-Feb-16 A	18-Feb-16 A													
DWL02-020	Review Wall Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	20-Jan-16 A	18-Feb-16 A													
DEWL01-60	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-Feb-16 A	23-Mar-16 A													
DWL03-020	Review Wall Pkg. 03 - MA, TxDOT and FHWA Preliminary (30%)	20	0	23-Feb-16 A	01-Apr-16 A													
DWL02-040	Review Wall Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	21-Mar-16 A	29-Apr-16 A													
DWL01-060	Review Wall Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	04-Apr-16 A	06-May-16 A													
DEWL01-80	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA (RFC)	20	0	23-Mar-16 A	11-May-16 A													
DWL03-040	Review Wall Pkg. 03 - MA, TxDOT and FHWA Intermediate (65%)	25	0	29-Apr-16 A	07-Jun-16 A													
DWL02-060	Review Wall Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	25-May-16 A	24-Jun-16 A													
DWL01-080	Review Wall Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	13-May-16 A	25-Jun-16 A													
DWL04-040	Review Wall Pkg. 04 - MA, TxDOT and FHWA Intermediate (65%)	20	0	14-Jun-16 A	14-Jul-16 A													
DWL02-080	Review Wall Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	15	0	27-Jun-16 A	05-Aug-16 A													
DWL04-060	Review Wall Pkg. 04 - MA, TxDOT and FHWA Final (100%)	20	0	11-Aug-16 A	01-Sep-16 A													
DWL03-060	Review Wall Pkg. 03 - MA, TxDOT and FHWA Final (100%)	20	0	15-Aug-16 A	10-Sep-16 A													
DWL04-080	Review Wall Pkg. 04 - MA, TxDOT and FHWA Review (RFC)	15	0	02-Sep-16 A	06-Oct-16 A													
DWL03-080	Review Wall Pkg. 03 - MA, TxDOT and FHWA Review (RFC)	20	0	12-Sep-16 A	21-Oct-16 A													
DWL05-060	Review Wall Pkg. 05 - MA, TxDOT and FHWA Final (100%)	20	0	21-Dec-16 A	19-Jan-17 A													
DWL05-080	Review Wall Pkg. 05 - MA, TxDOT and FHWA Review (RFC)	10	0	19-Jan-17 A	24-Mar-17 A													
<b>Bridges</b>		379	0	24-Oct-15 A	16-Mar-17 A													
DBR01-020	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	16-Nov-15 A													
DEBR01-15	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	20-Nov-15 A													
DBR02-020	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Preliminary (30%)	20	0	03-Nov-15 A	20-Nov-15 A													
DEBR01-110	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	20-Nov-15 A													
DBR1c-020	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Preliminary (30%)	20	0	15-Dec-15 A	14-Jan-16 A													
DBR02-040	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Intermediate (65%)	25	0	30-Jan-16 A	18-Feb-16 A													
DBR01-040	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Intermediate (65%)	25	0	22-Jan-16 A	26-Feb-16 A													
DEBR01-60	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA Final (100%)	25	0	20-Feb-16 A	23-Mar-16 A													
DBR1c-040	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Intermediate (65%)	25	0	23-Mar-16 A	01-Apr-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DEBR01-80	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA (ERFC) (FRM)	5	0	28-Mar-16 A	15-Apr-16 A													
DBR01-060	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Final (100%)	20	0	01-Apr-16 A	22-Apr-16 A													
DBR02-060	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Final (100%)	20	0	12-Apr-16 A	11-May-16 A													
DEBR01-130	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA Final (100%)	15	0	25-Apr-16 A	13-May-16 A													
DEBR01-150	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA (ERFC) (FRM)	15	0	25-Apr-16 A	13-May-16 A													
DBR03-020	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Preliminary (30%)	20	0	29-Apr-16 A	20-May-16 A													
DBR04-020	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Preliminary (30%)	20	0	06-May-16 A	16-Jun-16 A													
DBR01-080	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Review (RFC)	20	0	02-May-16 A	17-Jun-16 A													
DBR1c-060	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Final (100%)	20	0	02-Jun-16 A	20-Jun-16 A													
DBR02-080	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Review (RFC)	20	0	18-May-16 A	21-Jul-16 A													
DBR1c-080	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Review (RFC)	15	0	21-Jun-16 A	25-Jul-16 A													
DBR03-040	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Intermediate (65%)	25	0	02-Aug-16 A	02-Aug-16 A													
DBR04-040	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Intermediate (65%)	25	0	01-Aug-16 A	19-Aug-16 A													
DBR05-060	Review Bridge Pkg. 02c - MA, TxDOT and FHWA Final (100%)	20	0	21-Sep-16 A	11-Oct-16 A													
DBR04-060	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Final (100%)	20	0	03-Oct-16 A	28-Oct-16 A													
DBR04-080	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Review (RFC)	20	0	29-Oct-16 A	20-Dec-16 A													
DBR05-080	Review Bridge Pkg. 02c - MA, TxDOT and FHWA Review (RFC)	20	0	24-Oct-16 A	06-Feb-17 A													
DBR03-060	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Final (100%)	9	0	19-Jan-17 A	07-Feb-17 A													
DBR03-080	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Review (RFC)	15	0	08-Feb-17 A	16-Mar-17 A													
<b>Traffic Signals</b>		160	0	04-Dec-15 A	29-Aug-16 A													
DTS01-020	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	04-Dec-15 A	28-Dec-15 A													
DTS01-040	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	07-Mar-16 A	12-Apr-16 A													
DTS01-060	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-May-16 A	20-Jun-16 A													
DTS01-080	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	21-Jun-16 A	29-Aug-16 A													
<b>Pavement Markings / Signs</b>		158	0	04-Dec-15 A	16-Jan-17 A													
DTP01-020	Review [Not Required at 30% Per Technical Provisions]	20	0	04-Dec-15 A	04-Dec-15 A													
DTP01-040	Review Traffic Pmnt Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	03-Mar-16 A	13-Apr-16 A													
DTP01-060	Review Traffic Pmnt Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-May-16 A	20-Jun-16 A													
DTP01-080	Review Traffic Pmnt Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	20-Jun-16 A	16-Jan-17 A													
<b>Landscaping</b>		141	0	06-May-16 A	21-Mar-17 A													
DLA01-040	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	06-May-16 A	10-Jun-16 A													
DLA01-060	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	09-Sep-16 A	11-Oct-16 A													
DLA01-080	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	20	0	24-Oct-16 A	21-Mar-17 A													
<b>Construction</b>		901	558	01-Oct-15 A	03-Nov-19	0												
<b>General</b>		901	224	01-Oct-15 A	03-Nov-19	0												
CSWP-010	Install Erosion Control Per SWPPP	10	0	05-Apr-16 A	26-Aug-16 A													
CMISC-089	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Interim)	10	10	21-Nov-18	06-Dec-18	0												
CTS9998	Open Main Lanes from Sta 205+00 to 395+00 (to GPs up to 420+00); In	4	4	07-Dec-18	12-Dec-18	0												
CMISC-099	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Final)	18	18	17-Oct-19	03-Nov-19	0												
<b>Mobilization</b>		60	0	01-Oct-15 A	30-Aug-16 A													
ADMIN-920	CRC Mobilize Construction Staff and Equipment and Set Up Yard(s), Pl	60	0	01-Oct-15 A	30-Aug-16 A													
<b>Frontage Roads / General Purpose</b>		808	532	05-Apr-16 A	23-Sep-19	26												
<b>Removals</b>		770	0	05-Apr-16 A	08-Sep-16 A													
<b>ROW Preparation</b>		770	0	05-Apr-16 A	08-Sep-16 A													
CCG0620	Clear/Grub/Removals - NBGP - Sta. 250+00 to 320+00	6	0	05-Apr-16 A	14-Apr-16 A													
CCG0140	Clear/Grub/Removals - NBML to NBGP Exit Ramp - Sta. 267+00 to 275	2	0	05-Apr-16 A	14-Apr-16 A													
CCG8670	Clear/Grub/Removals - NBGP Outside - Sta. 230+00 to 250+00	2	0	25-Apr-16 A	28-Apr-16 A													

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020			
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4	
CCG0770	Clear/Grub/Removals - SBGP - Sta. 246+00 to 300+00	3	0	02-May-16 A	03-May-16 A																					
CCG0160	Clear/Grub/Removals - NBGP Inside - Sta. 185+00 to 227+00	5	0	02-May-16 A	13-May-16 A																					
CCG0060	Clear/Grub/Removals - SBGP Outside - Sta. 210+00 to 230+00	3	0	02-May-16 A	13-May-16 A																					
CCG0780	Clear/Grub/Removals - NBGP Outside - Sta. 320+00 to 370+00	3	0	02-May-16 A	10-Jun-16 A																					
CCG0800	Clear/Grub/Removals - SBGP Outside - Sta. 320+00 to 370+00	3	0	02-May-16 A	24-Jun-16 A																					
CCG0180	Clear/Grub/Removals - SBGP Inside - Sta. 210+00 to 230+00	3	0	12-Jul-16 A	13-Jul-16 A																					
CCG0890	Clear/Grub/Removals - NBGP Inside - Sta. 320+00 to 370+00	2	0	12-Jul-16 A	14-Jul-16 A																					
CCG0860	Clear/Grub/Removals - NBCD Lanes - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	14-Jul-16 A																					
CCG0870	Clear/Grub/Removals - SBGD Lanes - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	14-Jul-16 A																					
CCG0910	Clear/Grub/Removals - SBGP Inside - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	15-Jul-16 A																					
CCG8680	Clear/Grub/Removals - NBGP Inside - Sta. 230+00 to 250+00	3	0	12-Jul-16 A	15-Jul-16 A																					
CCG0040	Clear/Grub/Removals - NBGP Outside - Sta. 185+00 to 227+00	3	0	14-Jul-16 A	19-Jul-16 A																					
CCG1010	Clear/Grub/Removals - NBGP - Sta. 370+00 to 425+00	4	0	18-Jul-16 A	22-Jul-16 A																					
CCG1060	Clear/Grub/Removals - SBGP - Sta. 370+00 to 425+00	5	0	18-Jul-16 A	25-Jul-16 A																					
CCG1140	Clear/Grub/Removals - NBGP Inside - Sta. 437+00 to 445+00	1	0	01-Aug-16 A	02-Aug-16 A																					
CCG1130	Clear/Grub/Removals - NBGP Outside - Sta. 437+00 to 445+00	1	0	01-Aug-16 A	02-Aug-16 A																					
CCG1050	Clear/Grub/Removals - NBGP - Sta. 425+00 to 437+00	1	0	01-Aug-16 A	02-Aug-16 A																					
CCG1100	Clear/Grub/Removals - NBGP - Sta. 445+00 to 464+00	2	0	01-Aug-16 A	03-Aug-16 A																					
CCG2410	Clear/Grub/Removals - NBGP - Sta. 464+00 to 482+00	2	0	01-Aug-16 A	03-Aug-16 A																					
CCG2420	Clear/Grub/Removals - SBGP - Sta. 462+00 to 476+00	2	0	01-Aug-16 A	03-Aug-16 A																					
CCG1640	Clear/Grub/Removals - NBGP - Sta. 488+00 to 502+00 Inside	1	0	03-Aug-16 A	04-Aug-16 A																					
CCG2030	Clear/Grub/Removals - NBGP - Sta. 524+00 to 535+00	1	0	03-Aug-16 A	04-Aug-16 A																					
CCG2400	Clear/Grub/Removals - NBGP Inside - Sta. 535+00 to 555+00	1	0	03-Aug-16 A	04-Aug-16 A																					
CCG2200	Clear/Grub/Removals - NBGP Outside - Sta. 535+00 to 555+00	1	0	03-Aug-16 A	04-Aug-16 A																					
CCG1090	Clear/Grub/Removals - SBGP - Sta. 425+00 to 462+00	3	0	01-Aug-16 A	04-Aug-16 A																					
CCG1700	Clear/Grub/Removals - NBGP - Sta. 490+00 to 510+00	2	0	03-Aug-16 A	05-Aug-16 A																					
CCG1660	Clear/Grub/Removals - SBGP - Sta. 494+00 to 504+00	1	0	03-Aug-16 A	05-Aug-16 A																					
CCG1760	Clear/Grub/Removals - SBGP - Sta. 526+00 to 530+50	1	0	03-Aug-16 A	05-Aug-16 A																					
CCG2270	Clear/Grub/Removals - SBGP - Sta. 571+00 to 580+00	2	0	03-Aug-16 A	05-Aug-16 A																					
CCG1115	Clear/Grub/Removals - SBGP - Sta. 560+00 to 571+00	2	0	03-Aug-16 A	05-Aug-16 A																					
CCG8630	Clear/Grub/Removals - NBML - Sta. 535+00 to 543+50	2	0	03-Aug-16 A	05-Aug-16 A																					
CCG1210	Clear/Grub/Removals - NBGP - Sta. 555+00 to 588+00	3	0	03-Aug-16 A	08-Aug-16 A																					
CCG1450	Clear/Grub/Removals - SBGP - Sta. 530+00 to 560+00	3	0	03-Aug-16 A	09-Aug-16 A																					
CCG2150	Clear/Grub/Removals - SB to WBFR - Sta. 585+00 to 597+00	2	0	08-Aug-16 A	11-Aug-16 A																					
CCG0630	Clear/Grub/Removals - SBGP - Sta. 300+00 to 320+00	6	0	18-Jul-16 A	26-Aug-16 A																					
CCG1190	Clear/Grub/Removals - SUP to Ped Overlook at Boggy Creek - Sta. 425	1	0	07-Sep-16 A	08-Sep-16 A																					
<b>Earthwork</b>		<b>771</b>	<b>513</b>	<b>22-Jun-16 A</b>	<b>23-Aug-19</b>	<b>18</b>																				
<b>Excavation</b>		<b>771</b>	<b>513</b>	<b>22-Jun-16 A</b>	<b>23-Aug-19</b>	<b>18</b>																				
CEW0180	Earthwork - SBGP Inside - Sta. 210+00 to 230+00	8	0	14-Jul-16 A	26-Sep-16 A																					
CEW0160	Earthwork - NBGP Inside - Sta. 185+00 to 227+00	7	0	22-Jun-16 A	27-Sep-16 A																					
CEW8680.1	Earthwork - NBGP Inside - Sta. 230+00 to 250+00 (1/3)	14	0	14-Nov-16 A	16-Nov-16 A																					
CEW1450.1	Earthwork - SBGP - Sta. 530+00 to 560+00 (1/2)	2	0	06-Dec-16 A	07-Dec-16 A																					
CEW8690	Earthwork - SBGP Sta. 230+00 to 246+00	7	0	17-Oct-16 A	20-Jan-17 A																					
CEW8670	Earthwork - NBGP Outside - Sta. 230+00 to 250+00	7	0	01-Aug-16 A	02-Feb-17 A																					
CEW0040	Earthwork - NBGP Outside - Sta. 185+00 to 227+00	9	0	02-Feb-17 A	16-Mar-17 A																					
CEW0800.1	Earthwork - SBGP Outside - Sta. 335+00 to 339+00 (Fastrack)	27	0	08-Aug-16 A	16-Mar-17 A																					
CEW0060	Earthwork - SBGP Outside - Sta. 210+00 to 230+00	9	0	08-Mar-17 A	20-Mar-17 A																					

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020		
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2							
CEW8680.2	Earthwork - NBGP Inside - Sta. 230+00 to 238+00 (2/3)	12	0	31-Mar-17 A	10-Apr-17 A																				
CEW0770	Earthwork - SBGP Sta. 246+00 to 300+00	25	5	17-Oct-16 A	03-Jul-17	104																			
CEW0140	Earthwork - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	4	4	07-Jul-17	13-Jul-17	147																			
CEW8680.3	Earthwork - NBGP Inside - Sta. 238+00 to 250+00 (3/3)	12	12	14-Jul-17	31-Jul-17	60																			
CEW0780	Earthwork - NBGP Outside - Sta. 320+00 to 370+00	36	26	08-Aug-16 A	02-Aug-17	33																			
CEW0630	Earthwork - SBGP - Sta. 300+00 to 320+00	20	13	14-Jul-16 A	10-Aug-17	74																			
CEW0800.2	Earthwork - SBGP Outside - Sta. 320+00 to 370+00	27	27	08-Aug-16 A	11-Aug-17	8																			
CEW0620.2	Earthwork - NBGP - Sta. 301+00 to 320+00	18	18	14-Jul-16 A	17-Aug-17	5																			
CEW0620	Earthwork - NBGP - Sta. 250+00 to 301+00	45	28	14-Jul-16 A	23-Aug-17	60																			
CEW0910	Earthwork - SBGP Inside - Sta. 320+00 to 370+00	27	27	08-Aug-16 A	31-Aug-17	44																			
CEW1100	Earthwork - NBGP - Sta. 445+00 to 464+00	4	4	15-Sep-17	22-Sep-17	64																			
CEW1060	Earthwork - SBGP - Sta. 370+00 to 425+00	47	47	29-Oct-16 A	25-Sep-17	8																			
CEW1190	Earthwork - SUP to Ped Overlook at Boggy Creek - Sta. 429+00 to 432-	7	44	15-May-17 A	27-Sep-17	316																			
CEW1660	Earthwork - SBGP - Sta. 494+00 to 504+00	14	14	06-Jun-17 A	28-Sep-17	127																			
CEW1130	Earthwork - NBGP Outside - Sta. 437+00 to 445+00	7	7	25-Sep-17	04-Oct-17	43																			
CEW0870	Earthwork - SBCD Lanes - Sta. 320+00 to 370+00	35	35	01-Nov-16 A	19-Oct-17	17																			
CEW1050	Earthwork - NBGP - Sta. 425+00 to 437+00	30	30	15-Sep-17	02-Nov-17	46																			
CEW1010	Earthwork - NBGP - Sta. 370+00 to 425+00	49	40	29-Oct-16 A	07-Nov-17	5																			
CEW1090	Earthwork - SBGP - Sta. 425+00 to 462+00	30	30	25-Sep-17	08-Nov-17	8																			
CEW0860	Earthwork - NBCD Lanes - Sta. 320+00 to 370+00	33	33	01-Nov-16 A	20-Nov-17	30																			
CEW0890	Earthwork - NBGP Inside - Sta. 320+00 to 370+00	21	21	21-Oct-16 A	27-Nov-17	11																			
CEW1450.2	Earthwork - SBGP - Sta. 530+00 to 560+00 (2/2)	11	11	11-Dec-17	27-Dec-17	3																			
CEW1140	Earthwork - NBGP Inside - Sta. 437+00 to 445+00	8	8	18-Dec-17	29-Dec-17	9																			
CEW1210	Earthwork - NBGP - Sta. 555+00 to 588+00	29	29	01-Mar-17 A	23-Feb-18	35																			
CEW1760	Earthwork - SBGP - Sta. 526+00 to 530+50	16	16	11-Jun-18	05-Jul-18	84																			
CEW2030	Earthwork - NBGP - Sta. 524+00 to 535+00	4	4	05-Jul-18	10-Jul-18	89																			
CEW1700	Earthwork - NBGP - Sta. 490+00 to 510+00	7	7	12-Jul-18	20-Jul-18	95																			
CEW1640	Earthwork - NBGP - Sta. 488+00 to 502+00 Inside	5	5	18-Jul-18	24-Jul-18	56																			
CEW2150	Earthwork - SB to WBFR - Sta. 585+00 to 597+00	13	13	16-Jan-19	01-Feb-19	40																			
CEW2200	Earthwork - NBGP Outside - Sta. 535+00 to 555+00	2	2	05-Feb-19	06-Feb-19	56																			
CEW1115	Earthwork - SBGP - Sta. 560+00 to 571+00	9	9	12-Feb-19	25-Feb-19	98																			
CEW2400	Earthwork - NBGP Inside - Sta. 535+00 to 555+00	1	1	04-Mar-19	04-Mar-19	129																			
CEW2270	Earthwork - SBGP - Sta. 571+00 to 580+00	5	5	28-Mar-19	03-Apr-19	98																			
CEW2420	Earthwork - SBGP - Sta. 462+00 to 476+00	3	3	03-Jun-19	06-Jun-19	62																			
CEW2410	Earthwork - NBGP - Sta. 464+00 to 482+00	25	25	18-Jul-19	23-Aug-19	15																			
<b>Landscaping</b>		<b>380</b>	<b>380</b>	<b>03-Jan-18</b>	<b>08-Aug-19</b>	<b>55</b>																			
<b>Special Aesthetic Landscape</b>		<b>380</b>	<b>380</b>	<b>03-Jan-18</b>	<b>08-Aug-19</b>	<b>55</b>																			
CLS-0125	Install 51st Parking Area and Trailhead (Change Order #6)	45	45	03-Jan-18	08-Mar-18	390																			
CLS-0120	Install Landscaping (Little Walnut Creek Trailhead)	50	50	20-Feb-19	06-May-19	55																			
CLS-0140	Install Landscaping (Boggy Creek Trailhead)	50	50	06-Mar-19	20-May-19	106																			
CLS-0160	Install Landscaping (Colorado River Trailhead)	60	60	08-May-19	08-Aug-19	55																			
<b>Subgrade Treatment and Base</b>		<b>712</b>	<b>519</b>	<b>14-Jul-16 A</b>	<b>03-Sep-19</b>	<b>28</b>																			
<b>Lime Treatment and Other</b>		<b>689</b>	<b>505</b>	<b>18-Oct-16 A</b>	<b>03-Sep-19</b>	<b>17</b>																			
CCB0180	Construct CTB - SBGP Inside - Sta 210+00 to 230+00	3	0	18-Oct-16 A	19-Oct-16 A																				
CCB0160	Construct CTB - NBGP Inside - Sta. 185+00 to 227+00	3	0	19-Oct-16 A	27-Oct-16 A																				
CCB8690	Construct CTB - SBGP Sta 230+00 to 246+00	5	0	08-Feb-17 A	10-Feb-17 A																				
CCB8670	Construct CTB - NBGP Outside - Sta. 230+00 to 250+00	5	0	09-Feb-17 A	11-Feb-17 A																				

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
CCB0800.1	Construct CTB - SBGP Outside - Sta 368+00 to 370+00 (Fastrack)	8	0	19-Mar-17 A	19-Mar-17 A																			
CCB0060	Construct CTB - SBGP Outside - Sta 210+00 to 230+00	5	0	17-Feb-17 A	03-May-17 A																			
CCB0040	Construct CTB - NBGP Outside - Sta. 185+00 to 227+00	5	0	01-Mar-17 A	16-Jun-17 A																			
CCB0140	Construct CTB - NBML to NBGP Exit Ramp - Sta 267+00 to 275+00	3	3	17-Jul-17	20-Jul-17	313																		
CCB8680	Construct CTB - NBGP Inside - Sta. 230+00 to 250+00	4	4	05-May-17 A	09-Aug-17	285																		
CCB0770	Construct CTB - SBGP Sta 246+00 to 300+00	13	13	10-Feb-17 A	14-Aug-17	83																		
CCB0620	Construct CTB - NBGP - Sta 250+00 to 301+00	11	11	09-Feb-17 A	07-Sep-17	74																		
CCB0800.2	Construct CTB - SBGP Outside - Sta 320+00 to 367+00	8	8	15-Sep-17	27-Sep-17	5																		
CCB0780	Construct CTB - NBGP Outside - Sta 320+00 to 370+00	8	8	12-Oct-17	24-Oct-17	2																		
CCB1660	Construct CTB - SBGP - Sta 494+00 to 504+00	7	7	18-Oct-17	26-Oct-17	125																		
CCB1050	Construct CTB - NBGP - Sta 425+00 to 437+00	3	3	06-Nov-17	09-Nov-17	46																		
CCB1060	Construct CTB - SBGP - Sta 370+00 to 425+00	12	12	27-Oct-17	14-Nov-17	8																		
CCB0870	Construct CTB - SBCD Lanes - Sta 320+00 to 370+00	3	3	13-Nov-17	15-Nov-17	12																		
CCB1100	Construct CTB - NBGP - Sta 445+00 to 464+00	6	6	09-Nov-17	16-Nov-17	36																		
CCB1090	Construct CTB - SBGP - Sta 425+00 to 462+00	9	9	14-Nov-17	28-Nov-17	8																		
CCB0910	Construct CTB - SBGP Inside - Sta 320+00 to 370+00	8	8	20-Nov-17	01-Dec-17	5																		
CCB1130	Construct CTB - NBGP Outside - Sta 437+00 to 445+00	3	3	30-Nov-17	04-Dec-17	9																		
CCB0860	Construct CTB - NBCD Lanes - Sta 320+00 to 370+00	3	3	01-Dec-17	05-Dec-17	29																		
CCB1010	Construct CTB - NBGP - Sta 370+00 to 425+00	14	14	16-Nov-17	07-Dec-17	5																		
CCB0630	Construct CTB - SBGP - Sta 300+00 to 320+00	6	6	05-Dec-17	12-Dec-17	5																		
CCB0890	Construct CTB - NBGP Inside - Sta 320+00 to 370+00	8	8	18-Dec-17	29-Dec-17	2																		
CCB1140	Construct CTB - NBGP Inside - Sta 437+00 to 445+00	3	3	04-Jan-18	08-Jan-18	9																		
CCB0620.2	Construct CTB - NBGP - Sta 301+00 to 320+00	4	4	03-Jan-18	08-Jan-18	0																		
CCB1450	Construct CTB - SBGP - Sta 530+00 to 560+00	8	8	02-Jan-18	11-Jan-18	3																		
CCB1210	Construct CTB - NBGP - Sta 555+00 to 588+00	7	7	23-Apr-18	01-May-18	14																		
CCB1640	Construct CTB - NBGP - Sta 488+00 to 502+00 Inside	3	3	27-Jul-18	31-Jul-18	56																		
CCB1760	Construct CTB - SBGP - Sta 526+00 to 530+50	3	3	28-Aug-18	30-Aug-18	56																		
CCB2030	Construct CTB - NBGP - Sta 524+00 to 535+00	3	3	31-Aug-18	05-Sep-18	56																		
CCB1700	Construct CTB - NBGP - Sta 482+00 to 510+00	7	7	24-Sep-18	03-Oct-18	56																		
CCB2150	Construct CTB - SB to WBFR - Sta 585+00 to 597+00	3	3	06-Feb-19	08-Feb-19	64																		
CCB2200	Construct CTB - NBGP Outside - Sta 535+00 to 555+00	3	3	11-Feb-19	13-Feb-19	56																		
CCB1115	Construct CTB - SBGP - Sta 560+00 to 571+00	5	5	28-Feb-19	07-Mar-19	98																		
CCB2400	Construct CTB - NBGP Inside - Sta 535+00 to 555+00	3	3	08-Mar-19	12-Mar-19	129																		
CCB8630	Construct CTB - NBML - Sta 535+00 to 543+50	7	7	15-Mar-19	26-Mar-19	114																		
CCB2270	Construct CTB - SBGP - Sta 571+00 to 580+00	4	4	08-Apr-19	12-Apr-19	98																		
CCB2420	Construct CTB - SBGP - Sta 462+00 to 476+00	4	4	11-Jun-19	14-Jun-19	62																		
CCB2410	Construct CTB - NBGP - Sta 464+00 to 482+00	4	4	28-Aug-19	03-Sep-19	15																		
<b>Flexible Base</b>		<b>708</b>	<b>515</b>	<b>14-Jul-16 A</b>	<b>27-Aug-19</b>	<b>32</b>																		
CSE0160	Construct Select - NBGP Inside - Sta. 185+00 to 227+00	10	0	14-Jul-16 A	07-Oct-16 A																			
CSE0180	Construct Select - SBGP Inside - Sta. 210+00 to 230+00	10	0	06-Sep-16 A	07-Oct-16 A																			
CSE8690	Construct Select - SBGP Sta. 230+00 to 246+00	10	0	01-Dec-16 A	08-Feb-17 A																			
CSE8670	Construct Select - NBGP Outside - Sta. 230+00 to 250+00	6	0	21-Dec-16 A	09-Feb-17 A																			
CSE0800.1	Construct Select - SBGP Outside - Sta. 335+00 to 339+00 (Fastrack)	14	0	18-Mar-17 A	18-Mar-17 A																			
CSE0060	Construct Select - SBGP Outside - Sta. 210+00 to 230+00	10	0	20-Mar-17 A	07-May-17 A																			
CSE8680.2	Construct Select - NBGP Inside - Sta. 230+00 to 238+00	6	0	11-Apr-17 A	08-May-17 A																			
CSE0040	Construct Select - NBGP Outside - Sta. 185+00 to 227+00	12	0	17-Mar-17 A	16-Jun-17 A																			
CSE0770	Construct Select - SBGP Sta. 246+00 to 300+00	26	12	08-Feb-17 A	13-Jul-17	104																		

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CSE0140	Construct Select - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	2	2	13-Jul-17	17-Jul-17	313												
CSE8680.3	Construct Select - NBGP Inside - Sta. 238+00 to 250+00	6	6	01-Aug-17	09-Aug-17	285												
CSE0620	Construct Select - NBGP - Sta. 250+00 to 301+00	19	19	28-Oct-16 A	30-Aug-17	60												
CSE0800.2	Construct Select - SBGP Outside - Sta. 320+00 to 370+00	14	14	25-Aug-17	14-Sep-17	5												
CSE0780	Construct Select - NBGP Outside - Sta. 320+00 to 370+00	14	14	15-Sep-17	06-Oct-17	5												
CSE1660	Construct Select - SBGP - Sta. 494+00 to 504+00	9	9	04-Oct-17	16-Oct-17	125												
CSU-0020	Construct SUP FG/ Place Class I - NB - Sta. 230+00 (Springdale/Mano	25	25	11-Sep-17	18-Oct-17	179												
CSE1060	Construct Select - SBGP - Sta. 370+00 to 425+00	21	21	26-Sep-17	26-Oct-17	8												
CSE1050	Construct Select - NBGP - Sta. 425+00 to 437+00	2	2	02-Nov-17	06-Nov-17	46												
CSE1100	Construct Select - NBGP - Sta. 445+00 to 464+00	2	2	07-Nov-17	08-Nov-17	36												
CSE0870	Construct Select - SBCD Lanes - Sta. 320+00 to 370+00	3	3	08-Nov-17	10-Nov-17	12												
CSE1090	Construct Select - SBGP - Sta. 425+00 to 462+00	3	3	09-Nov-17	13-Nov-17	8												
CSU-0070	Construct SUP FG/ Place Class I - NB - Sta. 435+00 (BC Turnaround) t	40	40	15-Sep-17	16-Nov-17	452												
CSE0910	Construct Select - SBGP Inside - Sta. 320+00 to 370+00	12	12	02-Nov-17	17-Nov-17	5												
CSE1010	Construct Select - NBGP - Sta. 370+00 to 425+00	24	24	18-Oct-17	21-Nov-17	5												
CSE1130	Construct Select - NBGP Outside - Sta. 437+00 to 445+00	2	2	28-Nov-17	29-Nov-17	9												
CSE0860	Construct Select - NBCD Lanes - Sta. 320+00 to 370+00	3	3	28-Nov-17	30-Nov-17	29												
CSE0630	Construct Select - SBGP - Sta. 300+00 to 320+00	10	10	17-Nov-17	04-Dec-17	5												
CSU-0030	Construct SUP FG/ Place Class I - NB - Sta. 280+00 (Loyola) to 343+00	30	30	19-Oct-17	04-Dec-17	179												
CSE0890	Construct Select - NBGP Inside - Sta. 320+00 to 370+00	14	14	28-Nov-17	15-Dec-17	2												
CSE1450	Construct Select - SBGP - Sta. 530+00 to 560+00	2	2	28-Dec-17	29-Dec-17	3												
CSE0620.2	Construct Select - NBGP - Sta. 301+00 to 320+00	8	8	20-Dec-17	02-Jan-18	0												
CSE1140	Construct Select - NBGP Inside - Sta. 437+00 to 445+00	2	2	02-Jan-18	03-Jan-18	9												
CSU-0040	Construct SUP FG/ Place Class I - NB - Sta. 343+00 (MLK) to 415+00 (	35	35	05-Dec-17	25-Jan-18	179												
CSU-0060	Construct SUP FG/ Place Class I - Sta. 430+00 (NB to SB BC Turnarou	5	5	26-Jan-18	01-Feb-18	179												
CSU-0055	Construct SUP FG/ Place Class I - Sta. 425+00 (SB to NB BC Turnarou	10	10	02-Feb-18	15-Feb-18	179												
CSU-0080	Construct SUP FG/ Place Class I - SB - Sta. 525+00 (Truss Bridge) to 5	30	30	16-Feb-18	04-Apr-18	347												
CSE1210	Construct Select - NBGP - Sta. 555+00 to 588+00	2	2	19-Apr-18	20-Apr-18	14												
CSE1760	Construct Select - SBGP - Sta. 526+00 to 530+50	2	2	06-Jul-18	09-Jul-18	84												
CSE1190	Construct Select - SUP to Ped Overlook at Boggy Creek - Sta. 429+00 (	2	2	16-Jul-18	17-Jul-18	129												
CSE2030	Construct Select - NBGP - Sta. 524+00 to 535+00	2	2	18-Jul-18	19-Jul-18	84												
CSE1700	Construct Select - NBGP - Sta. 490+00 to 510+00	2	2	23-Jul-18	24-Jul-18	95												
CSE1640	Construct Select - NBGP - Sta. 488+00 to 502+00 Inside	2	2	25-Jul-18	26-Jul-18	56												
CSE2150	Construct Select - SB to WBFR - Sta. 585+00 to 597+00	2	2	04-Feb-19	05-Feb-19	64												
CSE2200	Construct Select - NBGP Outside - Sta. 535+00 to 555+00	2	2	07-Feb-19	08-Feb-19	56												
CSE1115	Construct Select - SBGP - Sta. 560+00 to 571+00	2	2	26-Feb-19	27-Feb-19	98												
CSE2400	Construct Select - NBGP Inside - Sta. 535+00 to 555+00	2	2	06-Mar-19	07-Mar-19	129												
CSE8630	Construct Select - NBML - Sta. 535+00 to 543+50	2	2	13-Mar-19	14-Mar-19	114												
CSE2270	Construct Select - SBGP - Sta. 571+00 to 580+00	2	2	04-Apr-19	05-Apr-19	98												
CSE2420	Construct Select - SBGP - Sta. 462+00 to 476+00	2	2	07-Jun-19	10-Jun-19	62												
CSE2410	Construct Select - NBGP - Sta. 464+00 to 482+00	2	2	26-Aug-19	27-Aug-19	15												
<b>Pavement</b>		<b>686</b>	<b>527</b>	<b>27-Oct-16 A</b>	<b>13-Sep-19</b>	<b>20</b>												
<b>Asphalt Pavement</b>		<b>679</b>	<b>503</b>	<b>27-Oct-16 A</b>	<b>04-Sep-19</b>	<b>17</b>												
CBB0160	Construct Bond Breaker - NBGP Inside - Sta. 185+00 to 227+00	2	0	27-Oct-16 A	28-Oct-16 A													
CBB0180	Construct Bond Breaker - SBGP Inside - Sta. 210+00 to 230+00	1	0	27-Oct-16 A	29-Nov-16 A													
CBB8670	Construct Bond Breaker - NBGP Outside - Sta. 230+00 to 250+00	2	0	11-Feb-17 A	13-Feb-17 A													
CBB8690	Construct Bond Breaker - SBGP Sta. 230+00 to 246+00	1	0	15-Feb-17 A	17-Feb-17 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBB0060	Construct Bond Breaker - SBGP Outside - Sta. 210+00 to 230+00	1	0	17-Feb-17 A	08-May-17 A													
CBB0040	Construct Bond Breaker - NBGP Outside - Sta. 185+00 to 227+00	2	0	17-Mar-17 A	21-Jun-17 A													
CBB0140	Construct Bond Breaker - NBML to NBGP Exit Ramp - Sta. 267+00 to 2	1	1	20-Jul-17	21-Jul-17	313												
CBB0770	Construct Bond Breaker - SBGP Sta. 246+00 to 300+00	3	3	17-Feb-17 A	28-Jul-17	83												
CBB8680	Construct Bond Breaker - NBGP Inside - Sta. 230+00 to 250+00	1	1	11-May-17 A	09-Aug-17	285												
CBB0620	Construct Bond Breaker - NBGP - Sta. 250+00 to 301+00	2	2	15-Feb-17 A	12-Sep-17	74												
CBB0800	Construct Bond Breaker - SBGP Outside - Sta. 320+00 to 367+00	2	2	28-Sep-17	29-Sep-17	5												
CBB0780	Construct Bond Breaker - NBGP Outside - Sta. 320+00 to 370+00	2	2	25-Oct-17	26-Oct-17	2												
CBB1660	Construct Bond Breaker - SBGP - Sta. 494+00 to 504+00	2	2	27-Oct-17	30-Oct-17	125												
CBB1050	Construct Bond Breaker - NBGP - Sta. 425+00 to 437+00	1	1	09-Nov-17	10-Nov-17	46												
CBB0870	Construct Bond Breaker - SBCD Lanes - Sta. 320+00 to 370+00	1	1	16-Nov-17	16-Nov-17	12												
CBB1060	Construct Bond Breaker - SBGP - Sta. 370+00 to 425+00	3	3	15-Nov-17	17-Nov-17	8												
CBB1100	Construct Bond Breaker - NBGP - Sta. 445+00 to 464+00	1	1	17-Nov-17	17-Nov-17	36												
CBB1090	Construct Bond Breaker - SBGP - Sta. 425+00 to 462+00	2	2	29-Nov-17	30-Nov-17	8												
CBB0910	Construct Bond Breaker - SBGP Inside - Sta. 320+00 to 370+00	2	2	04-Dec-17	05-Dec-17	5												
CBB1130	Construct Bond Breaker - NBGP Outside - Sta. 437+00 to 445+00	1	1	05-Dec-17	05-Dec-17	9												
CBB0860	Construct Bond Breaker - NBCD Lanes - Sta. 320+00 to 370+00	1	1	06-Dec-17	06-Dec-17	29												
CBB1010	Construct Bond Breaker - NBGP - Sta. 370+00 to 425+00	3	3	08-Dec-17	12-Dec-17	5												
CBB0630	Construct Bond Breaker - SBGP - Sta. 300+00 to 320+00	1	1	13-Dec-17	13-Dec-17	5												
CBB0890	Construct Bond Breaker - NBGP Inside - Sta. 320+00 to 370+00	2	2	02-Jan-18	03-Jan-18	2												
CBB1140	Construct Bond Breaker - NBGP Inside - Sta. 437+00 to 445+00	1	1	09-Jan-18	09-Jan-18	9												
CBB0620.2	Construct Bond Breaker - NBGP - Sta. 301+00 to 320+00	1	1	09-Jan-18	09-Jan-18	0												
CBB1450	Construct Bond Breaker - SBGP - Sta. 530+00 to 560+00	2	2	12-Jan-18	15-Jan-18	3												
CBB1210	Construct Bond Breaker - NBGP - Sta. 555+00 to 588+00	2	2	02-May-18	03-May-18	14												
CBB1640	Construct Bond Breaker - NBGP - Sta. 488+00 to 502+00 Inside	1	1	01-Aug-18	01-Aug-18	128												
CBB1760	Construct Bond Breaker - SBGP - Sta. 526+00 to 530+50	1	1	31-Aug-18	31-Aug-18	90												
CBB2030	Construct Bond Breaker - NBGP - Sta. 524+00 to 535+00	1	1	06-Sep-18	06-Sep-18	85												
CBB1700	Construct Bond Breaker - NBGP - Sta. 490+00 to 510+00	1	1	04-Oct-18	04-Oct-18	120												
CBB2150	Construct Bond Breaker - SB to WBFR - Sta. 585+00 to 597+00	1	1	11-Feb-19	11-Feb-19	64												
CBB2200	Construct Bond Breaker - NBGP Outside - Sta. 535+00 to 555+00	1	1	14-Feb-19	14-Feb-19	56												
CBB1115	Construct Bond Breaker - SBGP - Sta. 560+00 to 571+00	1	1	08-Mar-19	08-Mar-19	98												
CBB2400	Construct Bond Breaker - NBGP Inside - Sta. 535+00 to 555+00	1	1	13-Mar-19	13-Mar-19	129												
CBB8630	Construct Bond Breaker - NBML - Sta 535+00 to 543+50	1	1	27-Mar-19	27-Mar-19	114												
CBB2270	Construct Bond Breaker - SBGP - Sta. 571+00 to 580+00	1	1	15-Apr-19	15-Apr-19	108												
CBB2420	Construct Bond Breaker - SBGP - Sta. 462+00 to 476+00	1	1	17-Jun-19	17-Jun-19	62												
CBB2410	Construct Bond Breaker - NBGP - Sta. 464+00 to 482+00	1	1	04-Sep-19	04-Sep-19	15												
<b>Concrete Pavement</b>		<b>682</b>	<b>527</b>	<b>11-Nov-16 A</b>	<b>13-Sep-19</b>	<b>15</b>	▶											
CCP0180	Construct CRCP - SBGP Inside - Sta. 210+00 to 230+00	11	0	11-Nov-16 A	05-Dec-16 A													
CCP0160	Construct CRCP - NBGP Inside - Sta. 185+00 to 227+00	10	0	17-Nov-16 A	20-Jan-17 A													
CCP0060	Construct CRCP - SBGP Outside - Sta. 210+00 to 230+00	11	0	13-Mar-17 A	13-Jun-17 A													
CCP8670	Construct CRCP - NBGP Outside - Sta. 230+00 to 250+00	15	0	13-Feb-17 A	14-Jun-17 A													
CCP8690	Construct CRCP - SBGP Sta. 230+00 to 246+00	16	0	14-Mar-17 A	21-Jun-17 A													
CCP0040	Construct CRCP - NBGP Outside - Sta. 185+00 to 227+00	12	12	19-Mar-17 A	13-Jul-17	8												
CCP0140	Construct CRCP - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	3	3	21-Jul-17	26-Jul-17	313												
CCP8680	Construct CRCP - NBGP Inside - Sta. 230+00 to 250+00	14	14	10-Aug-17	30-Aug-17	285												
CCP0620	Construct CRCP - NBGP - Sta. 250+00 to 301+00	19	19	27-Feb-17 A	27-Sep-17	74												
CCP0770	Construct CRCP - SBGP Sta. 246+00 to 300+00	22	22	08-Mar-17 A	09-Oct-17	56												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CCP0800	Construct CRCP - SBGP Outside - Sta. 320+00 to 367+00	15	15	02-Oct-17	24-Oct-17	5																								
CCP1050	Construct CRCP - NBGP - Sta. 425+00 to 437+00	3	3	10-Nov-17	15-Nov-17	46																								
CCP0780	Construct CRCP - NBGP Outside - Sta. 320+00 to 370+00	14	14	27-Oct-17	16-Nov-17	2																								
CCP1660	Construct CRCP - SBGP - Sta. 494+00 to 504+00	14	14	01-Nov-17	20-Nov-17	125																								
CCP0870	Construct CRCP - SBCD Lanes - Sta. 320+00 to 370+00	4	4	17-Nov-17	22-Nov-17	12																								
CCP1100	Construct CRCP - NBGP - Sta. 445+00 to 464+00	8	8	20-Nov-17	01-Dec-17	36																								
CCP1130	Construct CRCP - NBGP Outside - Sta. 437+00 to 445+00	3	3	06-Dec-17	08-Dec-17	9																								
CCP1060	Construct CRCP - SBGP - Sta. 370+00 to 425+00	21	21	20-Nov-17	21-Dec-17	8																								
CCP1090	Construct CRCP - SBGP - Sta. 425+00 to 462+00	14	14	01-Dec-17	21-Dec-17	8																								
CCP0630	Construct CRCP - SBGP - Sta. 300+00 to 320+00	8	8	14-Dec-17	27-Dec-17	5																								
CCP0910	Construct CRCP - SBGP Inside - Sta. 320+00 to 370+00	14	14	06-Dec-17	27-Dec-17	5																								
CCP1140	Construct CRCP - NBGP Inside - Sta. 437+00 to 445+00	3	3	10-Jan-18	12-Jan-18	9																								
CCP1010	Construct CRCP - NBGP - Sta. 370+00 to 425+00	24	24	13-Dec-17	18-Jan-18	5																								
CCP0620.2	Construct CRCP - NBGP - Sta. 301+00 to 320+00	8	8	10-Jan-18	19-Jan-18	0																								
CCP0890	Construct CRCP - NBGP Inside - Sta. 320+00 to 370+00	14	14	04-Jan-18	23-Jan-18	2																								
CCP0860	Construct CRCP - NBCD Lanes - Sta. 320+00 to 370+00	4	4	22-Jan-18	25-Jan-18	0																								
CCP1450	Construct CRCP - SBGP - Sta. 530+00 to 560+00	9	9	16-Jan-18	26-Jan-18	3																								
CCP1210	Construct CRCP - NBGP - Sta. 555+00 to 588+00	13	13	04-May-18	24-May-18	14																								
CSU-1190	Construct SUP to Ped Overlook at Boggy Creek - Sta. 429+00 to 432+0	3	3	18-Jul-18	20-Jul-18	129																								
CCP1760	Construct CRCP - SBGP - Sta. 526+00 to 530+50	3	3	04-Sep-18	06-Sep-18	90																								
CCP1700	Construct CRCP - NBGP - Sta. 490+00 to 510+00	11	11	05-Oct-18	22-Oct-18	120																								
CCP2030	Construct CRCP - NBGP - Sta. 524+00 to 535+00	5	5	05-Nov-18	09-Nov-18	48																								
CCP1640	Construct CRCP - NBGP - Sta. 488+00 to 502+00 Inside	4	4	12-Nov-18	15-Nov-18	63																								
CCP2200	Construct CRCP - NBGP Outside - Sta. 535+00 to 555+00	5	5	15-Feb-19	22-Feb-19	56																								
CCP2150	Construct CRCP - SB to WBFR - Sta. 585+00 to 597+00	5	5	25-Feb-19	01-Mar-19	56																								
CCP1115	Construct CRCP - SBGP - Sta. 560+00 to 571+00	7	7	11-Mar-19	20-Mar-19	98																								
CCP2400	Construct CRCP - NBGP Inside - Sta. 535+00 to 555+00	5	5	14-Mar-19	21-Mar-19	129																								
CCP8630	Construct CRCP - NBML - Sta 535+00 to 543+50	11	11	28-Mar-19	12-Apr-19	114																								
CCP2420	Construct CRCP - SBGP - Sta. 462+00 to 476+00 (At Bolm Road)	6	6	26-Jun-19	03-Jul-19	58																								
CCP2270	Construct CRCP - SBGP - Sta. 571+00 to 580+00	5	5	05-Jul-19	11-Jul-19	58																								
CCP2410	Construct CRCP - NBGP - Sta. 464+00 to 482+00	7	7	05-Sep-19	13-Sep-19	15																								
<b>Sidewalks and Median Paving</b>		<b>288</b>	<b>288</b>	<b>07-Sep-17</b>	<b>26-Nov-18</b>	<b>211</b>																								
CSW-0020	Construct Sidewalk - SB - Sta 230+00 (Springdale/Manor) to 280+00 (Lc	25	25	07-Sep-17	13-Oct-17	193																								
CSW-0055	Construct Sidewalk - SB - Sta 435+00 (BC Turnaround) to 499+00 (Gar	32	32	15-Sep-17	06-Nov-17	460																								
CSU-1030	Construct SUP Conc Pave - NB - Sta. 280+00 (Loyola) to 343+00 (MLK)	15	15	26-Oct-17	16-Nov-17	239																								
CSW-0030	Construct Sidewalk - SB - Sta 280+00 (Loyola) to 343+00 (MLK)	32	32	16-Oct-17	04-Dec-17	193																								
CSU-1040	Construct SUP Conc Pave - NB - Sta. 343+00 (MLK) to 415+00 (BC Tui	15	15	12-Dec-17	04-Jan-18	209																								
CSW-0040	Construct Sidewalk - SB - Sta 343+00 (MLK) to 415+00 (BC Turnarounc	36	36	05-Dec-17	26-Jan-18	193																								
CSU-1050	Construct SUP Conc Pave - Sta. 425+00 (SB to NB BC Turnaround)	5	5	09-Feb-18	15-Feb-18	179																								
CSU-1080	Construct SUP Conc Pave - SB - Sta. 525+00 (Truss Bridge) to 580+00	15	15	05-Apr-18	26-Apr-18	347																								
CSU-1060	Construct SUP Conc Pave - Sta. 430+00 (NB to SB BC Turnaround)	5	5	25-Jun-18	02-Jul-18	306																								
CSU-1070	Construct SUP Conc Pave - NB - Sta. 435+00 (BC Turnaround) to 515+	20	20	20-Jul-18	17-Aug-18	274																								
CSU-1020	Construct SUP Conc Pave - NB - Sta. 230+00 (Springdale/Manor) to 280	10	10	10-Aug-18	24-Aug-18	57																								
CSW-0060	Construct Sidewalk - NB - Sta 530+00 (Montopolis) to 580+00 (Patton)	25	25	18-Oct-18	26-Nov-18	211																								
<b>Retaining Walls</b>		<b>672</b>	<b>495</b>	<b>26-Sep-16 A</b>	<b>26-Jul-19</b>	<b>52</b>																								
<b>Wall 104A</b>		<b>31</b>	<b>31</b>	<b>14-Jul-17</b>	<b>29-Aug-17</b>	<b>8</b>																								
CWL104A-050	Construct Wall 104A (S/W), Sta. 202+57 to 209+83 (Cut)	31	31	14-Jul-17	29-Aug-17	8																								

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Wall 106A</b>		22	22	25-Aug-17	27-Sep-17	21												
CWL106A-060	Construct Wall 106A (MSE), Sta. 2320+67 to 2321+72, LT	20	20	25-Aug-17	25-Sep-17	10												
CWL106A-090	Construct Wall Coping 106A (MSE), Sta. 2320+67 to 2321+72, LT	2	2	26-Sep-17	27-Sep-17	21												
<b>Wall 105A</b>		20	20	11-Oct-17	09-Nov-17	46												
CWL105A-060	Construct Wall 105A (MSE), Sta. 1316+82 to 1317+39, RT	17	17	11-Oct-17	06-Nov-17	46												
CWL105A-090	Construct Wall Coping 105A (MSE), Sta. 1316+82 to 1317+39, RT	3	3	07-Nov-17	09-Nov-17	46												
<b>Wall 107A</b>		12	12	10-Aug-17	28-Aug-17	41												
CWL107A-050	Construct Wall 107A (MSE), Sta. 2320+67 to 2322+27, LT	10	10	10-Aug-17	24-Aug-17	10												
CWL107A-090	Construct Wall Coping 107A (MSE), Sta. 2320+67 to 2322+27, LT	2	2	25-Aug-17	28-Aug-17	41												
<b>Wall 110A</b>		10	10	01-Nov-18	14-Nov-18	4												
CWL110A-050	Construct Wall 110A (DS), Sta. 427+50 to 428+00	10	10	01-Nov-18	14-Nov-18	4												
<b>Wall 111</b>		195	4	27-Sep-16 A	30-Jun-17	320												
CWL111-050	Construct Wall 111 (MSE), Sta. 2231+01 to 2238+08, LT	21	0	27-Sep-16 A	13-Jan-17 A													
CWL111-090	Construct Wall Coping 111 (MSE), Sta. 2231+01 to 2238+08, LT	4	4	22-May-17 A	30-Jun-17	320												
<b>Wall 111A</b>		12	12	06-Jun-18	22-Jun-18	98												
CWL111A-050	Construct Wall 111A (MSE), Sta. 239+30 to 241+30, LT	10	10	06-Jun-18	20-Jun-18	27												
CWL111A-090	Construct Wall Coping 111A (MSE), Sta. 239+30 to 241+30, LT	2	2	21-Jun-18	22-Jun-18	98												
<b>Wall 121 MSE</b>		10	10	05-Feb-18	16-Feb-18	12												
CWL121-060	Construct Wall 121 (MSE), Sta. 260+91 to 275+35, LT	10	10	05-Feb-18	16-Feb-18	12												
<b>Wall 121 S/N</b>		46	46	05-Feb-18	13-Apr-18	22												
CWL121-050	Construct Wall 121 (S/N), Sta. 260+91 to 275+35, LT	28	28	05-Feb-18	16-Mar-18	17												
CWL121-90	Construct Wall 121 (Fascia), Sta. 260+91 to 275+35, LT	12	12	19-Mar-18	05-Apr-18	22												
CWL121-090	Construct Wall Coping 121, Sta. 260+91 to 275+35, LT	6	6	06-Apr-18	13-Apr-18	22												
<b>Wall 123A</b>		6	6	30-Aug-17	07-Sep-17	8												
CWL123A-050	Construct Wall 123A (S/W), Sta. 234+76 to 235+58	6	6	30-Aug-17	07-Sep-17	8												
<b>Wall 124</b>		120	40	27-Dec-16 A	24-Aug-17	96												
CWLTMP01	Construct Temp S/N Wall and Removals, Sta. 270+00 - 278+00. LT	20	0	27-Dec-16 A	12-Jan-17 A													
CWL124-050	Construct Wall 124 (MSE), Sta. 2260+88 to 2280+24, LT	49	30	29-Mar-17 A	09-Aug-17	69												
CWL124-090	Construct Wall Coping 124 (MSE), Sta. 2260+88 to 2280+24, LT	10	10	10-Aug-17	24-Aug-17	96												
<b>Wall 131</b>		33	51	09-Jan-17 A	09-Oct-17	56												
CWL131-050	Construct Wall 131 (MSE), Sta. 1295+60 to 1298+66, RT	10	0	09-Jan-17 A	16-May-17 A													
CWL131-090	Construct Wall Coping 131 (MSE), Sta. 1295+60 to 1298+66, RT	3	51	16-Feb-17 A	09-Oct-17	56												
<b>Wall 132</b>		26	10	15-May-17 A	11-Jul-17	126												
CWL132-050	Construct Wall 132 (MSE), Sta. 2303+13 to 2304+79, LT	15	7	15-May-17 A	06-Jul-17	12												
CWL132-090	Construct Wall Coping 132 (MSE), Sta. 2303+13 to 2304+79, LT	3	3	07-Jul-17	11-Jul-17	126												
<b>Wall 133</b>		36	36	26-Sep-17	17-Nov-17	21												
CWL133-050	Construct Wall 133 (MSE), Sta. 1300+31 to 1310+62, RT	30	30	26-Sep-17	09-Nov-17	0												
CWL133-090	Construct Wall Coping 133 (MSE), Sta. 1300+31 to 1310+62, RT	6	6	10-Nov-17	17-Nov-17	21												
<b>Wall 134</b>		33	33	10-Nov-17	02-Jan-18	13												
CWL134-050	Construct Wall 134 (MSE), Sta. 2306+32 to 2315+47, LT	28	28	10-Nov-17	22-Dec-17	0												
CWL134-090	Construct Wall Coping 134 (MSE), Sta. 2306+32 to 2315+47, LT	5	5	26-Dec-17	02-Jan-18	13												
<b>Wall 138</b>		31	31	07-Jul-17	21-Aug-17	45												
CWL138-050	Construct Wall 138 (MSE), Sta. 2322+66 to 2335+91, LT	26	26	07-Jul-17	14-Aug-17	12												
CWL138-090	Construct Wall Coping 138 (MSE), Sta. 2322+66 to 2335+91, LT	5	5	15-Aug-17	21-Aug-17	45												
<b>Wall 140</b>		27	27	11-Aug-17	21-Sep-17	11												
CWL140-050	Construct Wall 140 (MSE), Sta. 1323+57 to 1330+07, RT	23	23	11-Aug-17	14-Sep-17	11												
CWL140-090	Construct Wall Coping 140 (MSE), Sta. 1323+57 to 1330+07, RT	4	4	15-Sep-17	21-Sep-17	11												
<b>Wall 149 MSE</b>		37	37	31-Jul-17	25-Sep-17	9												
CWL149-050	Construct Wall 149 (MSE), Sta. 365 to 370, RT	12	12	31-Jul-17	16-Aug-17	9												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL149-090	Construct Wall Coping 149, Sta. 365 to 370, RT	8	8	13-Sep-17	25-Sep-17	9												
<b>Wall 149 S/N</b>		29	29	31-Jul-17	12-Sep-17	9												
CWL149-070	Construct Wall 149 (S/N), Sta. 1370+00 to 1373+50, RT 2/2	16	16	31-Jul-17	23-Aug-17	5												
CWL149-060	Construct Wall 149 (S/N), Sta. 1358+18 to 1362+24, RT 1/2	14	14	07-Aug-17	28-Aug-17	9												
CWL149-90	Construct Wall 149 (Fascia), Sta. 1370+00 to 1373+50, RT 2/2	10	10	24-Aug-17	07-Sep-17	5												
CWL149-100	Construct Wall 149 (Fascia), Sta. 1358+18 to 1362+24, RT 1/2	10	10	29-Aug-17	12-Sep-17	9												
<b>Wall 151</b>		51	51	15-Aug-17	01-Nov-17	235												
CWL151-050	Construct Wall 151 (MSE), Sta. 2374+02 to 2374+02, LT 1/3	10	10	15-Aug-17	29-Aug-17	25												
CWL151-070	Construct Wall 151 (MSE), Sta. 374+50 to 371+80 3/3	10	10	30-Aug-17	13-Sep-17	25												
CWL151-060	Construct Wall 151 (S/W), Sta. 2376+50 to Technicenter Dr., LT 2/3	10	10	12-Oct-17	26-Oct-17	7												
CWL151-090	Construct Wall Coping 151, Sta. 2374+02 to 2374+02, LT 1/3	3	3	27-Oct-17	01-Nov-17	235												
<b>Wall 156 MSE</b>		20	20	13-Oct-17	13-Nov-17	6												
CWL156-050	Construct Wall 156-1 (S/W), Sta. 396+20 to 400+00, LT	20	20	13-Oct-17	13-Nov-17	6												
<b>Wall 156 S/N</b>		16	16	13-Oct-17	07-Nov-17	5												
CWL156-060	Construct Wall 156-2 (MSE), Sta. 388+60 to 392+20, LT	12	12	13-Oct-17	01-Nov-17	5												
CWL156-090	Construct Wall Coping 156-2 (MSE), Sta. 388+60 to 392+20, LT	4	4	02-Nov-17	07-Nov-17	5												
<b>Wall 158</b>		33	33	02-Aug-17	21-Sep-17	46												
CWL158-050	Construct Wall 158 (MSE), Sta. 1386+96 to 1396+55, RT	28	28	02-Aug-17	13-Sep-17	2												
CWL158-090	Construct Wall Coping 158 (MSE), Sta. 1386+96 to 1396+55, RT	5	5	14-Sep-17	21-Sep-17	46												
<b>Wall 160</b>		33	33	07-Sep-17	26-Oct-17	35												
CWL160-050	Construct Wall 160 (MSE) NBGP at Boggy Creek Turn Around	25	25	07-Sep-17	13-Oct-17	6												
CWL160-090	Construct Wall Coping 160 (MSE) NBGP at Boggy Creek Turn Around	8	8	16-Oct-17	26-Oct-17	35												
<b>Wall 161</b>		34	34	10-Aug-17	29-Sep-17	40												
CWL161-050	Construct Wall 161 (MSE) SBGP at Boggy Creek Turn Around	28	28	10-Aug-17	21-Sep-17	7												
CWL161-090	Construct Wall Coping 161 (MSE) SBGP at Boggy Creek Turn Around	6	6	22-Sep-17	29-Sep-17	40												
<b>Wall 162</b>		28	28	22-Sep-17	03-Nov-17	233												
CWL162-050	Construct Wall 162 (MSE), Sta. 2410+93 to 2416+25, LT	23	23	22-Sep-17	26-Oct-17	7												
CWL162-090	Construct Wall Coping 162 (MSE), Sta. 2410+93 to 2416+25, LT	5	5	27-Oct-17	03-Nov-17	233												
<b>Wall 168</b>		25	25	07-Jul-17	14-Aug-17	286												
CWL168-050	Construct Wall 168 (S/N), Sta. 2416+33 to 2425+96, LT	12	12	07-Jul-17	25-Jul-17	68												
CWL168-90	Construct Wall 168 (Fascia), Sta. 2416+33 to 2425+96, LT	10	10	25-Jul-17	09-Aug-17	286												
CWL168-090	Construct Wall Coping 168 (S/N), Sta. 2416+33 to 2425+96, LT	3	3	09-Aug-17	14-Aug-17	286												
<b>Wall 175</b>		35	35	18-Apr-18	11-Jun-18	314												
CWL175-050	Construct Wall 175 (MSE), Sta. 429+00 to 435+25	31	31	18-Apr-18	04-Jun-18	27												
CWL175-090	Construct Wall Coping 175 (MSE), Sta. 429+00 to 435+25	4	4	06-Jun-18	11-Jun-18	314												
<b>Wall 176</b>		39	39	09-Nov-17	09-Jan-18	414												
CWL176-050	Construct Wall 176 (MSE), Sta. 429+60 to 440+33	33	33	09-Nov-17	29-Dec-17	129												
CWL176-090	Construct Wall Coping 176 (MSE), Sta. 429+60 to 440+33	6	6	02-Jan-18	09-Jan-18	414												
<b>Wall 177</b>		12	12	06-Jun-18	22-Jun-18	306												
CWL177-050	Construct Wall 177 (MSE), Sta. 433+00 to 434+50	10	10	06-Jun-18	20-Jun-18	55												
CWL177-090	Construct Wall Coping 177 (MSE), Sta. 433+00 to 434+50	2	2	21-Jun-18	22-Jun-18	306												
<b>Wall 179</b>		35	35	14-Sep-17	07-Nov-17	317												
CWL179-050	Construct Wall 179 (MSE), Sta. 431+70 to 441+48	30	30	14-Sep-17	30-Oct-17	48												
CWL179-090	Construct Wall Coping 179 (MSE), Sta. 431+70 to 441+48	5	5	01-Nov-17	07-Nov-17	317												
<b>Wall 180</b>		15	15	28-Aug-17	18-Sep-17	55												
CWL180-050	Construct Wall 180 (MSE), Sta. 1433+80 to 1437+57, RT	10	10	28-Aug-17	11-Sep-17	16												
CWL180-090	Construct Wall Coping 180 (MSE), Sta. 1433+80 to 1437+57, RT	5	5	12-Sep-17	18-Sep-17	55												
<b>Wall 188</b>		195	3	26-Sep-16 A	29-Jun-17	321												
CWL188-050	Construct Wall 188 (MSE), Sta. 2248+02 to 2259+15, LT (Fill)	10	0	26-Sep-16 A	21-Nov-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL188-090	Construct Wall Coping 188 (MSE), Sta. 2248+02 to 2259+15, LT (Fill)	3	3	05-Jun-17 A	29-Jun-17	321	█											
<b>Wall 193</b>		12	12	31-Aug-17	18-Sep-17	263		▼										
CWL193-050	Construct Wall 193 (MSE), Sta. 2356+08 to 2359+85, LT	10	10	31-Aug-17	14-Sep-17	5		█										
CWL193-090	Construct Wall Coping 193 (MSE), Sta. 2356+08 to 2359+85, LT	2	2	15-Sep-17	18-Sep-17	263												
<b>Wall 194</b>		17	17	15-Aug-17	08-Sep-17	269		▼										
CWL194-050	Construct Wall 194 (MSE), Sta. 2365+71 to 2370+65, LT	14	14	15-Aug-17	05-Sep-17	12		█										
CWL194-090	Construct Wall Coping 194 (MSE), Sta. 2365+71 to 2370+65, LT	3	3	06-Sep-17	08-Sep-17	269												
<b>Wall T200</b>		10	10	05-Sep-17	18-Sep-17	43		▼										
CWLT200-050	Construct Wall T200 (Temp) at Shelton Rd - Sta. 437+00 to 440+00	10	10	05-Sep-17	18-Sep-17	43		█										
<b>Wall 205</b>		52	52	21-Jun-18	07-Sep-18	241				▶								
CWL205-050	Construct Wall 205 (MSE), Sta. 2475+00 to 2479+00, LT (Fill) (Incl. Rail)	17	17	21-Jun-18	17-Jul-18	55				█								
CWL205-090	Construct Wall Coping 205 (MSE), Sta. 2475+00 to 2479+00, LT	2	2	18-Jul-18	19-Jul-18	274												
CWL208-050	Construct Wall 208 (MSE), Sta. 509+00 to 510+50	30	30	23-Jul-18	05-Sep-18	52					█							
CWL208-090	Construct Wall Coping 208 (MSE), Sta. 509+00 to 510+50	2	2	06-Sep-18	07-Sep-18	52												
<b>Wall 211</b>		10	10	15-May-18	30-May-18	121				▼								
CWL211-050	Construct Wall 211 (SW), Sta. 2505+55 to 2509+18, LT	10	10	15-May-18	30-May-18	121				█								
<b>Wall 212</b>		10	10	08-Dec-17	22-Dec-17	231												
CWL212-050	Construct Wall 212 (SW) Sta. 506+50 to 509+50	10	10	08-Dec-17	22-Dec-17	231												
<b>Wall 217</b>		12	12	27-Oct-17	14-Nov-17	126												
CWL221-050	Construct Wall 221 (MSE), Sta. 2568+39 to 2571+19, (Fill)	10	10	27-Oct-17	10-Nov-17	87												
CWL221-090	Construct Wall Coping 221 (MSE), Sta. 2568+39 to 2571+19	2	2	13-Nov-17	14-Nov-17	126												
<b>Wall 240</b>		14	14	14-Nov-17	05-Dec-17	408												
CWL240-050	Construct Wall 240 (MSE), Sta. 1468+91 to 1469+61, RT (Fill)	11	11	14-Nov-17	30-Nov-17	408												
CWL240-090	Construct Wall Coping 240 (MSE), Sta. 1468+91 to 1469+61, RT (Fill)	3	3	01-Dec-17	05-Dec-17	408												
<b>Wall 241</b>		14	14	03-Jun-19	24-Jun-19	41												
CWL241-050	Construct Wall 241 (MSE), Sta. 1469+65 to 1470+44, RT (Fill)	12	12	03-Jun-19	20-Jun-19	19												
CWL241-090	Construct Wall Coping 241 (MSE), Sta. 1469+65 to 1470+44, RT (Fill)	2	2	21-Jun-19	24-Jun-19	41												
<b>Wall 242</b>		14	14	21-Jun-19	12-Jul-19	29												
CWL242-050	Construct Wall 242 (MSE), Sta. 2477+30 to 2477+18, LT (Fill)	11	11	21-Jun-19	09-Jul-19	19												
CWL242-090	Construct Wall Coping 242 (MSE), Sta. 2477+30 to 2477+18, LT (Fill)	3	3	10-Jul-19	12-Jul-19	29												
<b>Wall 243</b>		13	13	10-Jul-19	26-Jul-19	19												
CWL243-050	Construct Wall 243 (MSE), Sta. 2475+63 to 2477+35, LT (Fill)	11	11	10-Jul-19	24-Jul-19	19												
CWL243-090	Construct Wall Coping 243 (MSE), Sta. 2475+63 to 2477+35, LT (Fill)	2	2	25-Jul-19	26-Jul-19	19												
<b>Wall 252</b>		247	247	25-Sep-17	09-Oct-18	183												
CWL252-050	Construct Wall 252 (MSE), Sta. 594+50 to 597+00, RT	11	11	25-Sep-17	10-Oct-17	39		█										
CWL252-090	Construct Wall Coping 252 (MSE), Sta. 594+50 to 597+00, RT	3	3	11-Oct-17	13-Oct-17	327												
CWL231-050	Construct Wall 231 (MSE), Sta. 587+37 to 587+96	10	10	21-Sep-18	05-Oct-18	163												
CWL231-090	Construct Wall Coping 231 (MSE), Sta. 587+37 to 587+96	2	2	08-Oct-18	09-Oct-18	183												
<b>Wall 253</b>		18	18	08-Oct-18	02-Nov-18	191												
CWL253-050	Construct Wall 253 (MSE), Sta. 26+00 to 31+00, LT	14	14	08-Oct-18	26-Oct-18	163												
CWL253-090	Construct Wall Coping 253 (MSE), Sta. 26+00 to 31+00, LT	4	4	29-Oct-18	02-Nov-18	191												
<b>Wall 254</b>		17	17	29-Oct-18	21-Nov-18	181												
CWL254-050	Construct Wall 254 (MSE), Sta. 26+00 to 31+00, RT	14	14	29-Oct-18	16-Nov-18	163												
CWL254-090	Construct Wall Coping 254 (MSE), Sta. 26+00 to 31+00, RT	3	3	19-Nov-18	21-Nov-18	181												
<b>Wall 255 (Gabion)</b>		13	13	13-Nov-17	01-Dec-17	294												
CWL255-050	Construct Wall 255 (MSE), Sta. 115+50 to 117+50, LT	11	11	13-Nov-17	29-Nov-17	87												
CWL255-090	Construct Wall Coping 255 (MSE), Sta. 115+50 to 117+50, LT	2	2	30-Nov-17	01-Dec-17	294												
<b>Wall 256</b>		296	296	30-May-17 A	24-Sep-18	251												
CWL256-050	Construct Wall 256 (MSE), Sta. 14+20 to 18+51	26	13	30-May-17 A	14-Jul-17	8	█											



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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL256-090	Construct Wall Coping 256 (MSE), Sta. 14+20 to 18+51	3	3	17-Jul-17	19-Jul-17	123												
CWL260-050	Construct Wall 260 (S/W), Sta. 434+50 to 436+50	10	10	08-Sep-17	22-Sep-17	8												
CWL261-050	Construct Wall 261 (MSE), Sta. 436+50 to 439+00	10	10	08-Sep-17	22-Sep-17	8												
CWL261-090	Construct Wall Coping 261 (MSE), Sta. 436+50 to 439+00	7	7	25-Sep-17	04-Oct-17	45												
CWL257-050	Construct Wall 257 (MSE), Sta. 14+50 to 19+50	14	14	12-Jan-18	31-Jan-18	27												
CWL257-090	Construct Wall Coping 257 (MSE), Sta. 14+50 to 19+50	3	3	01-Feb-18	05-Feb-18	27												
CWL259-050	Construct Wall 259 (MSE), Sta. 38+50 to 43+00	13	13	29-May-18	15-Jun-18	44												
CWL259-090	Construct Wall Coping 259 (MSE), Sta. 38+50 to 43+00	3	3	18-Jun-18	21-Jun-18	244												
CWL258-050	Construct Wall 258 (MSE), Sta. 524+50 to 525+50	10	10	12-Jul-18	25-Jul-18	90												
CWL258-090	Construct Wall Coping 258 (MSE), Sta. 524+50 to 525+50	2	2	26-Jul-18	27-Jul-18	113												
CWL262-050	Construct Wall 262 (MSE), Herrera Street Wall LT (Change Order #3)	10	10	06-Sep-18	20-Sep-18	163												
CWL262-90	Construct Wall Coping 262 (MSE), Herrera Street Wall LT (Change Ord	2	2	21-Sep-18	24-Sep-18	251												
<b>Bridges</b>		<b>670</b>	<b>434</b>	<b>23-Jun-16 A</b>	<b>22-Apr-19</b>	<b>113</b>												
<b>7 NBGP Over Little Walnut Creek</b>		<b>262</b>	<b>29</b>	<b>23-Jun-16 A</b>	<b>07-Aug-17</b>	<b>111</b>												
CBR07-0500	Construct Columns - Bridge 07 (NBGP Over Little Walnut Creek) - Sta.	6	0	29-Jul-16 A	25-Aug-16 A													
CBR07-0400	Drill Shafts - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302+00	11	0	23-Jun-16 A	07-Sep-16 A													
CBR07-0600	Construct Caps - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302	16	0	22-Aug-16 A	16-Sep-16 A													
CBR07-0550	Construct Abutments - Bridge 07 (NBGP Over Little Walnut Creek) - Sta	15	0	02-Aug-16 A	04-Nov-16 A													
CBR07-0700	Erect Beams - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302+00	2	0	01-Feb-17 A	10-May-17 A													
CBR07-0800	Construct Deck - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302	14	14	22-May-17 A	17-Jul-17	66												
CBR07-0900	Construct Rail/Surf. Trt - Bridge 07 (NBGP Over Little Walnut Creek) - S	15	15	18-Jul-17	07-Aug-17	111												
<b>10 SBGP Over Little Walnut Creek</b>		<b>268</b>	<b>32</b>	<b>19-Jul-16 A</b>	<b>11-Aug-17</b>	<b>93</b>												
CBR10-0500	Construct Columns - Bridge 10 (SBGP Over Little Walnut Creek) - Sta.	8	0	08-Aug-16 A	29-Aug-16 A													
CBR10-0400	Drill Shafts - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302+00	12	0	19-Jul-16 A	08-Sep-16 A													
CBR10-0600	Construct Caps - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302	16	0	22-Aug-16 A	19-Sep-16 A													
CBR10-0550	Construct Abutments - Bridge 10 (SBGP Over Little Walnut Creek) - Sta	15	0	09-Aug-16 A	28-Nov-16 A													
CBR10-0700	Erect Beams - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302+00	2	0	02-Feb-17 A	11-May-17 A													
CBR10-0800	Construct Deck - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302	17	17	01-Jun-17 A	20-Jul-17	93												
CBR10-0900	Construct Rail/Surf. Trt - Bridge 10 (SBGP Over Little Walnut Creek) - S	15	15	21-Jul-17	11-Aug-17	93												
<b>18a NBGP Over Boggy Creek</b>		<b>174</b>	<b>60</b>	<b>25-Jan-17 A</b>	<b>16-Oct-17</b>	<b>66</b>												
CBR18a-0400	Drill Shafts - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	21	0	25-Jan-17 A	03-Apr-17 A													
CBR18a-0500	Construct Columns - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+	22	0	06-Mar-17 A	14-Apr-17 A													
CBR18a-0600	Construct Caps - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	40	0	15-Mar-17 A	01-May-17 A													
CBR18a-0550	Construct Abutments - Bridge 18a (NBGP Over Boggy Creek) - Sta. 42	15	0	10-Feb-17 A	01-May-17 A													
CBR18a-0700	Erect Beams - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	10	0	21-Apr-17 A	02-Jun-17 A													
CBR18a-0800	Construct Deck - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	35	35	18-Jul-17	07-Sep-17	66												
CBR18a-0900	Construct Rail/Surf. Trt - Bridge 18a (NBGP Over Boggy Creek) - Sta. 4	15	15	08-Sep-17	29-Sep-17	66												
CSW-1800	Construct Sidewalk - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+	10	10	02-Oct-17	16-Oct-17	66												
<b>19a SBGP Over Boggy Creek</b>		<b>127</b>	<b>45</b>	<b>27-Jan-17 A</b>	<b>31-Aug-17</b>	<b>70</b>												
CBR19a-0400	Drill Shafts - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	21	0	27-Jan-17 A	23-Mar-17 A													
CBR19a-0500	Construct Columns - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+	22	0	09-Mar-17 A	07-Apr-17 A													
CBR19a-0600	Construct Caps - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	35	0	23-Mar-17 A	08-Apr-17 A													
CBR19a-0550	Construct Abutments - Bridge 19a (SBGP Over Boggy Creek) - Sta. 42	15	0	16-Feb-17 A	01-May-17 A													
CBR19a-0700	Erect Beams - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	9	0	18-Apr-17 A	08-Jun-17 A													
CBR19a-0800	Construct Deck - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	30	30	26-Jun-17	09-Aug-17	70												
CBR19a-0900	Construct Rail/Surf. Trt - Bridge 19a (SBGP Over Boggy Creek) - Sta. 4	15	15	10-Aug-17	31-Aug-17	70												
<b>23 NB to SB U-Turn at Boggy Creek</b>		<b>236</b>	<b>267</b>	<b>02-Jun-17 A</b>	<b>09-Aug-18</b>	<b>206</b>												
CBR57-0402	Drill Shafts (Abuts) - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	10	10	02-Jun-17 A	11-Jul-17	27												

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020											
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2					
CBR57-0550	Construct Abutments - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	15	15	16-Oct-17	07-Nov-17	350																												
CBR57-0400	Drill Shafts (Bent) - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	6	6	23-Apr-18	30-Apr-18	35																												
CBR57-0500	Construct Columns - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	20	20	01-May-18	31-May-18	206																												
CBR57-0600	Construct Caps - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	10	10	01-Jun-18	15-Jun-18	206																												
CBR57-0700	Erect Beams - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	5	5	18-Jun-18	25-Jun-18	206																												
CBR57-0800	Construct Deck - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	15	15	27-Jun-18	18-Jul-18	206																												
CBR57-0900	Construct Rail/Surf. Trt - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	15	15	19-Jul-18	09-Aug-18	206																												
<b>26b SBGP Rt. Widening at Colorado R.</b>		<b>296</b>	<b>147</b>	<b>27-Oct-16 A</b>	<b>05-Feb-18</b>	<b>310</b>																												
CBR26-3S-0400.1	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S) - Sta. 512-00	12	0	27-Oct-16 A	01-Nov-16 A																													
CBR26-3S-0500.1	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S) - Sta. 512-00	12	0	14-Dec-16 A	23-Dec-16 A																													
CBR26-1S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) - Sta. 512-00	4	0	08-Nov-16 A	27-Dec-16 A																													
CBR26-1S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) - Sta. 512-00	4	0	13-Dec-16 A	13-Jan-17 A																													
CBR26-3S-0400.2	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 9S-10S) - Sta. 512-00	12	0	20-Mar-17 A	06-Apr-17 A																													
CBR26-3S-0500.2	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 9S-10S) - Sta. 512-00	12	0	10-Apr-17 A	25-Apr-17 A																													
CBR26-4S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta. 512-00	11	0	03-Feb-17 A	17-May-17 A																													
CBR26-1S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) - Sta. 512-00	13	0	17-May-17 A	25-May-17 A																													
CBR26-5S-0400.1	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S) - Sta. 512-00	6	0	13-Feb-17 A	01-Jun-17 A																													
CBR26-3S-0600	Erect Beams - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	13	0	12-May-17 A	21-Jun-17 A																													
CBR26-4S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta. 512-00	8	8	19-May-17 A	07-Jul-17	8																												
CBR26-3S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S-10S) - Sta. 512-00	3	3	14-Jul-17	18-Jul-17	27																												
CBR26-4S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta. 512-00	13	13	25-May-17 A	21-Jul-17	35																												
CBR26-4S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta. 512-00	3	3	24-Jul-17	26-Jul-17	35																												
CBR26-3S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S-10S) - Sta. 512-00	14	14	19-Jul-17	07-Aug-17	27																												
CBR26-2S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 2S, Bent 5S-7S) - Sta. 512-00	1	1	09-Aug-17	09-Aug-17	171																												
CBR26-5S-0400.2	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta. 512-00	4	4	15-Aug-17	18-Aug-17	368																												
CBR26-5S-0500.1	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-16S) - Sta. 512-00	4	4	16-Aug-17	21-Aug-17	350																												
CBR26-6S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S) - Sta. 512-00	4	4	21-Aug-17	25-Aug-17	368																												
CBR26-5S-0500.2	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta. 512-00	4	4	23-Aug-17	28-Aug-17	369																												
CBR26-4S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta. 512-00	14	14	09-Aug-17	29-Aug-17	27																												
CBR26-6S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S) - Sta. 512-00	4	4	29-Aug-17	01-Sep-17	368																												
CBR26-6S-0550	Construct Abutments - Bridge 26b (SBGP) Rt.Widen (Abut 18S) - Sta. 512-00	15	15	28-Aug-17	18-Sep-17	376																												
CBR26-5S-0600.1	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S) - Sta. 512-00	13	13	06-Sep-17	25-Sep-17	347																												
CBR26-5S-0700.1	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S) - Sta. 512-00	2	2	26-Sep-17	27-Sep-17	362																												
CBR26-5S-0600.2	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta. 512-00	13	13	26-Sep-17	13-Oct-17	347																												
CBR26-5S-0700.2	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta. 512-00	2	2	16-Oct-17	18-Oct-17	349																												
CBR26-5S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-16S) - Sta. 512-00	10	10	19-Oct-17	02-Nov-17	349																												
CBR26-6S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S) - Sta. 512-00	12	12	16-Oct-17	02-Nov-17	347																												
CBR26-6S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S) - Sta. 512-00	2	2	03-Nov-17	06-Nov-17	347																												
CBR26-6S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S) - Sta. 512-00	8	8	07-Nov-17	16-Nov-17	347																												
CBR26b-0900.2	Construct Rail/Surf. Trt - Bridge 26b (SBGP) - Sta. 514+51 to 524+00 (E) - Sta. 512-00	15	15	17-Nov-17	11-Dec-17	347																												
CBR26-1S-0550	Construct Abutments - Bridge 26b (SBGP) Rt.Widen (Abut 1S) - Sta. 505+00	15	15	04-Dec-17	26-Dec-17	75																												
CBR26-1S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) - Sta. 505+00	1	1	27-Dec-17	27-Dec-17	75																												
CBR26-1S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) - Sta. 505+00	6	6	28-Dec-17	05-Jan-18	75																												
CBR26-2S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 2S, Bent 5S-7S) - Sta. 505+00	6	6	08-Jan-18	15-Jan-18	75																												
CBR26b-0900.1	Construct Rail/Surf. Trt - Bridge 26b (SBGP) - Sta. 505+00 to 512+00 (A) - Sta. 512-00	15	15	16-Jan-18	05-Feb-18	75																												
<b>28 NBGP Over Colorado River</b>		<b>136</b>	<b>136</b>	<b>05-Jul-18</b>	<b>28-Jan-19</b>	<b>0</b>																												
CBR28-01-0400	Drill Shafts - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-Bent 4) - Sta. 505+00	12	12	05-Jul-18	20-Jul-18	0																												

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020			
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2								
CDR-1020	Construct Drainage - SB - Sta 230+00 to 262+00 (W2-C)	30	0	09-May-16 A	21-Feb-17 A																					
CDR-1150	Construct Drainage - NB - Sta 280+00 to 305+00 (LW1-A)	28	0	17-Oct-16 A	22-Feb-17 A																					
CDR-2280	Construct Drainage - NB - Sta 228+00 to 237+00 (W1-A, W1-C) [W1-A	19	0	16-Jun-16 A	22-Feb-17 A																					
CDR-2290	Construct Drainage - SB - Sta 205+00 to 230+00 (W1-B2)	25	0	27-Dec-16 A	23-Feb-17 A																					
CDR-1060	Construct Drainage - NB - Sta 329+00 to 342+00 (W4-A) Outfall 328+50	17	2	28-Jan-17 A	28-Jun-17	17																				
CDR-1270	Construct Drainage - SB - Sta 406+00 to 412+00 (B1-C, B1-D)	12	2	20-Apr-17 A	28-Jun-17	24																				
CDR-1030	Construct Drainage - SB - Sta 281+00 to 302+00 (LW1-C)	34	4	17-Oct-16 A	30-Jun-17	105																				
CDR-1130	Construct Drainage - NB - Sta 185+00 to 230+00 (W0-A, W0-B, W0-C)	11	4	04-May-17 A	30-Jun-17	16																				
CDR-1080	Construct Drainage - SB - Sta 367+00 to 374+00 (W6-B)	13	5	10-Dec-16 A	03-Jul-17	16																				
CDR-2250	Construct Drainage - NB - Sta 366+00 to 376+00 (W6-A) (Incl. Outfall)	12	10	14-Jun-17 A	11-Jul-17	35																				
CDR-2530	Construct Drainage - NB - Sta 392+00 (W7) Outfall	15	10	12-Jun-17 A	11-Jul-17	48																				
CDR-2230	Construct Drainage - SB - Sta 343+00 to 351+00 (W5-C)	13	4	17-Mar-17 A	13-Jul-17	46																				
CDR-1110	Construct Drainage - NB - Sta 406+00 to 412+00 (B1-A)	7	7	12-Jul-17	20-Jul-17	48																				
CDR-2520.4	Construct Drainage - SB - Sta 343+00 to 357+00 (W5-S) Infall (culvert €	8	1	16-Feb-17 A	24-Jul-17	34																				
CDR-0080	Construct Drainage - W5US Pond - Sta 356+00 to 363+00, SBGP	20	20	26-Jun-17	25-Jul-17	12																				
CDR-1100	Construct Drainage - SB - Sta 380+00 to 392+00 (W7-B, W7-C)	20	20	26-Jun-17	25-Jul-17	5																				
CDR-2270	Construct Drainage - NB - Sta 416+00 to 424+00 (B2-A)	8	8	14-Jul-17	25-Jul-17	24																				
CDR-2300	Construct Drainage - SB - Springdale/Manor (W2-C)	4	2	01-May-17 A	25-Jul-17	314																				
CDR-2520.1	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-N) Outfall	8	2	28-Feb-17 A	25-Jul-17	110																				
CDR-2240	Construct Drainage - SB - Sta 353+00 to 365+00 (W5-F) Trunk Line	16	4	10-Mar-17 A	27-Jul-17	36																				
CDR-1050	Construct Drainage - SB - Sta 302+00 to 328+00 (LW1-G)	36	24	03-Oct-16 A	31-Jul-17	36																				
CDR-1070	Construct Drainage - SB - Sta 329+00 to 342+00 (W4-B) Entrance 328+	17	24	19-Sep-16 A	31-Jul-17	18																				
CDR-2200	Construct Drainage - NB - Sta 262+00 to 280+00 (W3-A, W3-C) [W3-A	23	24	01-Mar-17 A	31-Jul-17	75																				
CDR-2210	Construct Drainage - SB - Sta 262+00 to 276+00 (W3-B)	16	6	19-Oct-16 A	31-Jul-17	85																				
CDR-2520.2	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-S) Outfall	8	8	28-Feb-17 A	02-Aug-17	34																				
CDR-2520.3	Construct Drainage - SB - Sta 343+00 to 357+00 (W5-N) Infall (culvert €	8	8	03-Mar-17 A	02-Aug-17	45																				
CDR-2310	Construct Drainage - NB - MLK (W5-A)	11	10	14-Feb-17 A	04-Aug-17	172																				
CDR-1040	Construct Drainage - NB - Sta 303+00 to 327+00 (LW1-E, LW1-F)	26	12	21-Jan-17 A	09-Aug-17	5																				
CDR-1200	Construct Drainage - SB - Sta 320+00 to 357+00 (W5-D)	26	12	09-Mar-17 A	14-Aug-17	42																				
CDR-1260	Construct Drainage - NB - Sta 415+00 to 424+00 (B2-B)	14	14	26-Jul-17	15-Aug-17	24																				
CDR-2010	Construct Drainage - SBGP - Sta 430+00 to 469+00 (BC-A)	36	36	05-Jul-17	25-Aug-17	16																				
CDR-0070	Construct Drainage - W5UN Pond - Sta 350+00 to 355+00, SBGP	20	24	26-Sep-16 A	28-Aug-17	16																				
CDR-2220	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-A)	14	14	10-Aug-17	30-Aug-17	5																				
CDR-1190	Construct Drainage - NB - Sta 320+00 to 357+00 (W5-B)	29	21	19-Jun-17 A	01-Sep-17	62																				
CDR-1090	Construct Drainage - NB - Sta 380+00 to 405+00 (W7-A, W7-D, W7-F)	27	27	26-Jul-17	05-Sep-17	5																				
CDR-2340	Construct Drainage - NB - Sta 424+00 to 426+00 (B2-B) - Railroad Cros	20	20	16-Aug-17	14-Sep-17	24																				
CDR-0090	Construct Drainage - NB - Sta. 393+00 (W7 Pond)	25	25	06-Sep-17	12-Oct-17	5																				
CDR-2260	Construct Drainage - SB - Sta 380+00 to 405+00 (W7-E) (1 of 2)	16	5	16-Mar-17 A	12-Oct-17	16																				
CDR-0321	Construct Drainage - SBGP - Sta 484+00 to 499+00 (CR2-C)	19	19	15-Sep-17	13-Oct-17	24																				
CDR-1250	Construct Drainage - SB - Sta 380+00 to 405+00 (W7-E) (2 of 2)	4	4	13-Oct-17	19-Oct-17	220																				
CDR-1140	Construct Drainage - NB - Sta 232+00 to 235+00 (W2-A) (2 of 2)	4	4	20-Oct-17	25-Oct-17	124																				
CDR-2000	Construct Drainage - NBGP - Sta. 430+00 to 463+00 (BC-B)	48	48	28-Aug-17	08-Nov-17	17																				
CDR-2020	Construct Drainage - NB - Sta. 491+00 to 500+00 (CR2-D)	12	12	03-Nov-17	20-Nov-17	24																				
CDR-2120	Construct Drainage - Montopolis (CR1-C)	7	7	01-Dec-17	11-Dec-17	24																				
CDR-2160	Construct Drainage - NB - Sta. 473+00 to 493+00 (CR2-A)	20	20	14-Nov-17	13-Dec-17	174																				
CDR-2050	Construct Drainage - NBGP - Sta. 577+00 to 580+00 (CA2-B)	4	4	08-Dec-17	13-Dec-17	73																				
CDR-0371	Construct Drainage - NBGP&ML - Sta. 459+00 to 474+00 (BC-B)	18	18	26-Dec-17	19-Jan-18	174																				





183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CSE0080	Construct Select - Temp Pave On/Off Rmps - Sta. 205+00 to 270+00 &	2	0	24-May-16 A	20-Feb-17 A													
CTP0080	Construct Temp Pave On/Off Rmps - Sta 205+00 to 270+00 & NB/SB W	9	0	19-Jun-16 A	27-Feb-17 A													
CEW1110	Earthwork - Temp Pave SBML to SBGP Crossover - Sta. 446+60 to 449+1	3	3	07-Aug-17	10-Aug-17	91												
CSE1110	Construct Select - Temp Pave SBML to SBGP Crossover - Sta. 446+60	2	2	11-Aug-17	14-Aug-17	91												
CTP1110	Construct Temp Pave SBML to SBGP Crossover - Sta 446+60 to 449+1	1	1	15-Aug-17	15-Aug-17	91												
CEW2970	Earthwork - Temp Pave Shelton Road Access - Sta. 437+00 to 440+00	1	1	01-Sep-17	01-Sep-17	43												
CEW1610	Earthwork - Temp Widen for SBGP (2) - Sta. 550+00 to 561+00	3	3	01-Sep-17	06-Sep-17	119												
CSE1610	Construct Select - Temp Widen for SBGP (2) - Sta. 550+00 to 561+00	1	1	07-Sep-17	07-Sep-17	172												
CTP1610	Construct Temp Widening for SBGP (2) - Sta 550+00 to 561+00	1	1	08-Sep-17	08-Sep-17	172												
CSE2970	Construct Select - Temp Pave Shelton Road Access - Sta. 437+00 to 440+00	1	1	20-Sep-17	20-Sep-17	43												
CTP2970	Construct Temp Pave Shelton Road Access - Sta 437+00 to 440+00	2	2	21-Sep-17	22-Sep-17	43												
CEW1260	Earthwork - Temp Widening NBGP to Inside - Sta. 549+00 to 554+00	3	3	13-Oct-17	18-Oct-17	154												
CSE1260	Construct Select - Temp Widening NBGP to Inside - Sta. 549+00 to 554+00	2	2	19-Oct-17	20-Oct-17	154												
CTP1260	Construct Temp Widening NBGP to Inside - Sta 549+00 to 554+00	1	1	23-Oct-17	23-Oct-17	154												
CEW1150	Earthwork - Temp Pave NBML to NBGP X-over (TP-1) - Sta. 453+50 to 456+00	3	3	18-Dec-17	21-Dec-17	19												
CSE1150	Construct Select - Temp Pave NBML to NBGP X-over (TP-1) - Sta. 453+50 to 456+00	2	2	22-Dec-17	26-Dec-17	19												
CTP1150	Construct Temp Pave NBML to NBGP X-over (TP-1) - Sta 453+50 to 456+00	2	2	27-Dec-17	28-Dec-17	19												
CEW1250	Earthwork - Temp Widen SBGP to Outside (2) - Sta. 573+00 to 605+00	3	3	28-Dec-17	02-Jan-18	177												
CEW1240	Earthwork - Temp Pave NBML to NBGP Crossover - Sta. 588+00 to 596+00	8	8	21-Dec-17	03-Jan-18	103												
CSE1250	Construct Select - Temp Widen SBGP to Outside (2) - Sta. 573+00 to 605+00	3	3	03-Jan-18	05-Jan-18	177												
CSE1240	Construct Select - Temp Pave NBML to NBGP Crossover - Sta. 588+00 to 596+00	3	3	04-Jan-18	08-Jan-18	103												
CTP1250	Construct Temp Widening SBGP to Outside (2) - Sta 573+00 to 605+00	2	2	08-Jan-18	09-Jan-18	177												
CTP1240	Construct Temp Pave NBML to NBGP Crossover - Sta 588+00 to 596+00	2	2	09-Jan-18	10-Jan-18	103												
CEW1015	Earthwork - Temp X-over SBML to SBGP to Patton - Sta. 570+00 to 572+00	2	2	23-Mar-18	26-Mar-18	222												
CEW1580	Earthwork - Temp Widen for NBML to NBGP X-over - Sta. 481+00 to 484+00	3	3	23-Mar-18	27-Mar-18	38												
CSE1015	Construct Select - Temp X-over SBML to SBGP to Patton - Sta. 570+00 to 572+00	2	2	27-Mar-18	28-Mar-18	222												
CSE1580	Construct Select - Temp Widen for NBML to NBGP X-over - Sta. 481+00 to 484+00	2	2	28-Mar-18	29-Mar-18	38												
CTP1015	Construction Temp X-over SBML to SBGP to Patton - Sta 570+00 to 572+00	1	1	29-Mar-18	29-Mar-18	222												
CTP1580	Construct Temp Widening for NBML to NBGP X-over - Sta 481+00 to 484+00	2	2	30-Mar-18	02-Apr-18	38												
<b>Signals and Illumination</b>		<b>292</b>	<b>125</b>	<b>29-Aug-16 A</b>	<b>25-Jan-18</b>	<b>21</b>												
<b>Roadway Illumination</b>		<b>267</b>	<b>100</b>	<b>29-Aug-16 A</b>	<b>18-Dec-17</b>	<b>46</b>												
CTI-4000	Construct Temp Illum. - US 290 to Springdale/Manor Road	20	0	29-Aug-16 A	21-Sep-16 A													
CTI-4010	Construct Temp Illum. - Springdale/Manor Road to Loyola Lane	20	20	19-Jul-17	16-Aug-17	30												
CTI-4020	Construct Temp Illum. - Loyola Lane to MLK/FM969	20	20	17-Aug-17	15-Sep-17	30												
CTI-4030	Construct Temp Illum. - MLK/FM969 to Boggy Creek	20	20	18-Sep-17	18-Oct-17	30												
CTI-4040	Construct Temp Illum. - Boggy Creek to Colorado River	20	20	19-Oct-17	16-Nov-17	30												
CTI-4050	Construct Temp Illum. - Colorado River to Patton	20	20	17-Nov-17	18-Dec-17	46												
<b>Traffic Signals</b>		<b>20</b>	<b>20</b>	<b>28-Dec-17</b>	<b>25-Jan-18</b>	<b>4</b>												
CTI-4070	Construct Temp Signals - Vargas Road, Sta. 543+50	20	20	28-Dec-17	25-Jan-18	4												
<b>Environmental Mitigation</b>		<b>140</b>	<b>140</b>	<b>11-Oct-17</b>	<b>11-May-18</b>	<b>124</b>												
<b>Noise Walls</b>		<b>140</b>	<b>140</b>	<b>11-Oct-17</b>	<b>11-May-18</b>	<b>124</b>												
CWL182-050	Construct Wall 182 (Property), Sta. 199+36 to 209+87, RT	35	35	11-Oct-17	04-Dec-17	124												
CWL185-050	Construct Wall 185 (Property), Sta. 222+36 to 231+91, RT	35	35	05-Dec-17	25-Jan-18	124												
CWL184-050	Construct Wall 184 (Property), Sta. 216+40 to 221+73, RT	35	35	26-Jan-18	19-Mar-18	124												
CWL183-050	Construct Wall 183 (Property), Sta. 210+37 to 216+04, RT	35	35	21-Mar-18	11-May-18	124												
<b>Mainlanes</b>		<b>800</b>	<b>547</b>	<b>26-Apr-16 A</b>	<b>16-Oct-19</b>	<b>11</b>												
<b>Removals</b>		<b>660</b>	<b>276</b>	<b>02-May-16 A</b>	<b>01-Mar-19</b>	<b>146</b>												
<b>ROW Preparation</b>		<b>660</b>	<b>0</b>	<b>02-May-16 A</b>	<b>02-Dec-16 A</b>													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CCG0230	Clear/Grub/Removals - NBML Outside - Sta. 210+00 to 228+00	5	0	02-May-16 A	13-May-16 A													
CCG2940	Clear/Grub/Removals - SBML Tie-In/Center - Sta. 205+00 to 230+00	2	0	11-Jul-16 A	12-Jul-16 A													
CCG0490	Clear/Grub/Removals - SBML Inside - Sta. 205+00 to 251+00	4	0	11-Jul-16 A	15-Jul-16 A													
CCG8580	Clear/Grub/Removals - SBML Outside - Sta. 210+00 to 251+00	4	0	12-Jul-16 A	18-Jul-16 A													
CCG0410	Clear/Grub/Removals - NBML Inside - Sta. 205+00 to 251+00	5	0	12-Jul-16 A	19-Jul-16 A													
CCG0500	Clear/Grub/Removals - SBML Off-Ramp - Sta. 248+00 to 251+00	2	0	18-Jul-16 A	20-Jul-16 A													
CCG0970	Clear/Grub/Removals - NBML - Sta. 320+00 to 370+00	7	0	12-Jul-16 A	21-Jul-16 A													
CCG1180	Clear/Grub/Removals - SBML - Sta. 370+00 to 395+00	3	0	18-Jul-16 A	21-Jul-16 A													
CCG0670	Clear/Grub/Removals - NBML - Sta. 246+00 to 320+00	10	0	12-Jul-16 A	22-Jul-16 A													
CCG1850	Clear/Grub/Removals - NBML - Sta. 395+00 to 425+00	5	0	18-Jul-16 A	23-Jul-16 A													
CCG2080	Clear/Grub/Removals - SBML - Sta. 395+00 to 425+00	5	0	18-Jul-16 A	23-Jul-16 A													
CCG1170	Clear/Grub/Removals - NBML - Sta. 370+00 to 395+00	5	0	18-Jul-16 A	25-Jul-16 A													
CCG0980	Clear/Grub/Removals - SBML - Sta. 320+00 to 370+00	9	0	12-Jul-16 A	25-Jul-16 A													
CCG0680	Clear/Grub/Removals - SBML - Sta. 251+00 to 320+00	13	0	12-Jul-16 A	29-Jul-16 A													
CCG2230	Clear/Grub/Removals - NBML - Sta. 460+00 to 488+00	4	0	01-Aug-16 A	05-Aug-16 A													
CCG1310	Clear/Grub/Removals - NBML - Sta. 524+00 to 530+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1340	Clear/Grub/Removals - SBML - Sta. 530+00 to 535+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1550	Clear/Grub/Removals - SBML - Sta. 525+00 to 530+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG2950	Clear/Grub/Removals - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave	2	0	03-Aug-16 A	08-Aug-16 A													
CCG1860	Clear/Grub/Removals - NBML - Sta. 430+00 to 460+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG1960	Clear/Grub/Removals - NBML - Sta. 543+50 to 558+00	3	0	03-Aug-16 A	08-Aug-16 A													
CCG1810	Clear/Grub/Removals - NBML - Sta. 558+00 to 573+00	3	0	03-Aug-16 A	08-Aug-16 A													
CCG2090	Clear/Grub/Removals - SBML - Sta. 430+00 to 460+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG2240	Clear/Grub/Removals - SBML - Sta. 460+00 to 486+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG2965	Clear/Grub/Removals - SBML - Sta. 555+00 to 558+00 Plug	2	0	03-Aug-16 A	08-Aug-16 A													
CCG1290	Clear/Grub/Removals - NBML - Sta. 485+00 to 505+00	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1920	Clear/Grub/Removals - NBML - Sta. 573+00 to 590+00	3	0	03-Aug-16 A	09-Aug-16 A													
CCG1540	Clear/Grub/Removals - SBML - Sta. 485+00 to 505+00	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1890	Clear/Grub/Removals - SBML - Sta. 558+00 to 585+00 (Full Width)	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1280	Clear/Grub/Removals - SBML - Sta. 535+00 to 555+00	4	0	03-Aug-16 A	10-Aug-16 A													
CCG1870	Clear/Grub/Removals - SBML Inside - Sta. 585+00 to 597+00 SB to EB	2	0	08-Aug-16 A	12-Aug-16 A													
CCG8700	Clear/Grub/Removals - NBML Outside - Sta. 231+00 to 250+00	5	0	06-Sep-16 A	12-Sep-16 A													
CCG0360	Clear/Grub/Removals - NBML Tie-In 205+00 to 214+00	2	0	01-Dec-16 A	02-Dec-16 A													
<b>Bridge Removals</b>		276	276	05-Jan-18	01-Mar-19	146												
CDM0730	Demo - SBML US 183 Over Little Walnut Creek Bridge - Sta 301+00 to :	10	10	05-Jan-18	18-Jan-18	129												
CDM2060	Demo - SBML US 183 Over Boggy Creek Bridge - Sta 425+00 to 430+0	15	15	05-Jan-18	25-Jan-18	141												
CDM0720	Demo - NBML US 183 Over Little Walnut Creek Bridge - Sta 301+00 to :	10	10	02-Feb-18	15-Feb-18	119												
CDM2070	Demo - NBML US 183 Over Boggy Creek Bridge - Sta 425+00 to 430+0	15	15	02-Feb-18	23-Feb-18	136												
CDM1840	Demo - Existing NB Bridge Over Colorado River - Sta 516+00 to 524+00	15	15	11-Jun-18	03-Jul-18	0												
CDM2890	Demo - Ped Bridge at Purple Sage - Sta 210+00 to 250+00	10	10	19-Sep-18	03-Oct-18	245												
CDM2220	Demo - SBML US 183 Over Bolm Rd - Sta 470+00	10	10	12-Feb-19	26-Feb-19	34												
CDM2210	Demo - NBML US 183 Over Bolm Rd - Sta 470+00	10	10	15-Feb-19	01-Mar-19	63												
<b>Earthwork</b>		665	451	13-Jul-16 A	17-May-19	70												
<b>Excavation</b>		665	451	13-Jul-16 A	17-May-19	70												
CEW0230	Earthwork - NBML Outside - Sta. 210+00 to 228+00	26	0	08-Aug-16 A	11-Oct-16 A													
CEW0490	Earthwork - SBML Inside - Sta. 205+00 to 251+00	20	0	13-Jul-16 A	19-Nov-16 A													
CEW8700	Earthwork - NBML Outside - Sta. 231+00 to 250+00	11	0	25-Nov-16 A	10-Jun-17 A													

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CEW0360	Earthwork - NBML Tie-In 205+00 to 214+00	7	7	07-Feb-17 A	01-Aug-17	160												
CEW2080	Earthwork - SBML - Sta. 395+00 to 425+00	18	18	02-Aug-17	29-Aug-17	188												
CEW0670	Earthwork - NBML - Sta. 246+00 to 320+00	110	73	14-Jul-16 A	13-Oct-17	114												
CEW1290	Earthwork - NBML - Sta. 485+00 to 505+00	5	64	17-Dec-16 A	20-Oct-17	69												
CEW2940	Earthwork - SBML Tie-In/Center - Sta. 205+00 to 230+00	5	5	16-Oct-17	23-Oct-17	34												
CEW2950	Earthwork - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave TP-2)	17	17	24-Oct-17	16-Nov-17	59												
CEW0410	Earthwork - NBML Inside - Sta. 205+00 to 251+00	25	25	20-Oct-17	28-Nov-17	184												
CEW8580	Earthwork - SBML Outside - Sta. 210+00 to 251+00	15	15	08-Nov-17	30-Nov-17	34												
CEW0980	Earthwork - SBML - Sta. 320+00 to 370+00	36	36	20-Oct-17	13-Dec-17	73												
CEW0970	Earthwork - NBML - Sta. 320+00 to 370+00	33	33	21-Nov-17	11-Jan-18	51												
CEW1180	Earthwork - SBML - Sta. 370+00 to 395+00	10	10	05-Jan-18	18-Jan-18	148												
CEW1170	Earthwork - NBML - Sta. 370+00 to 395+00	14	14	02-Feb-18	22-Feb-18	117												
CEW1310	Earthwork - NBML - Sta. 524+00 to 530+00	7	7	14-Feb-18	23-Feb-18	3												
CEW1540	Earthwork - SBML - Sta. 485+00 to 505+00	12	12	23-Mar-18	10-Apr-18	3												
CEW0680	Earthwork - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	112	112	24-Oct-17	11-Apr-18	5												
CEW1550	Earthwork - SBML - Sta. 525+00 to 530+00	13	13	23-Mar-18	11-Apr-18	20												
CEW1860	Earthwork - NBML - Sta. 430+00 to 460+00	48	48	02-Feb-18	16-Apr-18	27												
CEW1850	Earthwork - NBML - Sta. 395+00 to 425+00	36	36	26-Feb-18	20-Apr-18	35												
CEW1340	Earthwork - SBML - Sta. 530+00 to 535+00	26	26	23-Mar-18	01-May-18	5												
CEW1960	Earthwork - NBML - Sta. 543+50 to 558+00	5	5	11-Jun-18	15-Jun-18	84												
CEW1280	Earthwork - SBML - Sta. 535+00 to 555+00	26	26	15-May-18	25-Jun-18	89												
CEW2090	Earthwork - SBML - Sta. 430+00 to 460+00	44	44	03-May-18	13-Jul-18	63												
CEW1920	Earthwork - NBML - Sta. 573+00 to 590+00	60	60	20-Jun-18	19-Sep-18	166												
CEW1870	Earthwork - SBML Inside - Sta. 585+00 to 597+00 SB to EB	20	20	29-Aug-18	27-Sep-18	48												
CEW2965	Earthwork - SBML - Sta. 555+00 to 558+00 Plug	1	1	28-Sep-18	28-Sep-18	55												
CEW1810	Earthwork - NBML - Sta. 558+00 to 573+00	27	27	20-Sep-18	31-Oct-18	166												
CEW1890	Earthwork - SBML - Sta. 558+00 to 585+00 (Full Width)	90	90	20-Jun-18	05-Nov-18	40												
CEW8630	Earthwork - NBML - Sta. 535+00 to 543+50	24	24	05-Feb-19	12-Mar-19	114												
CEW2240	Earthwork - SBML - Sta. 460+00 to 486+00	35	35	12-Feb-19	04-Apr-19	0												
CEW2230	Earthwork - NBML - Sta. 460+00 to 488+00	60	60	15-Feb-19	17-May-19	15												
<b>Landscaping</b>		<b>250</b>	<b>250</b>	<b>01-Feb-18</b>	<b>24-May-19</b>	<b>53</b>												
<b>Special Aesthetic Landscape</b>		<b>250</b>	<b>250</b>	<b>01-Feb-18</b>	<b>24-May-19</b>	<b>53</b>												
CLS-0205	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - NB - Sta 205+00	50	50	01-Feb-18	18-Apr-18	53												
CLS-0210	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - SB - Sta 205+00	50	50	19-Apr-18	06-Jul-18	53												
CLS-0220	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - Median - Sta 205+00	50	50	18-Jun-18	31-Aug-18	55												
CLS-0240	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - SB - Sta 425+00	50	50	09-Jul-18	20-Sep-18	53												
CLS-0230	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - NB - Sta 425+00	50	50	21-Sep-18	08-Mar-19	53												
CLS-0250	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - Median - Sta 425+00	50	50	11-Mar-19	24-May-19	53												
<b>Subgrade Treatment and Base</b>		<b>623</b>	<b>464</b>	<b>13-Oct-16 A</b>	<b>10-Jun-19</b>	<b>72</b>												
<b>Lime Treatment and Other</b>		<b>441</b>	<b>441</b>	<b>31-Jul-17</b>	<b>10-Jun-19</b>	<b>72</b>												
CCB0360	Construct CTB - NBML Tie-In 205+00 to 214+00	3	3	07-Aug-17	10-Aug-17	160												
CCB8700	Construct CTB - NBML Outside - Sta 231+00 to 250+00	9	9	31-Jul-17	11-Aug-17	267												
CCB0490	Construct CTB - SBML Inside - Sta 205+00 to 251+00	6	6	31-Aug-17	08-Sep-17	20												
CCB0230	Construct CTB - NBML Outside - Sta 210+00 to 228+00	9	9	31-Aug-17	13-Sep-17	124												
CCB2940	Construct CTB - SBML Tie-In/Center - Sta 205+00 to 230+00	3	3	27-Oct-17	01-Nov-17	34												
CCB1290	Construct CTB - NBML - Sta 485+00 to 505+00	9	9	04-Dec-17	14-Dec-17	46												
CCB8580	Construct CTB - SBML Outside - Sta 210+00 to 251+00	6	6	20-Dec-17	28-Dec-17	34												





Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CSE0670	Construct Select - NBML - Sta. 246+00 to 320+00	37	37	20-Feb-18	16-Apr-18	12																								
CGE1550	Install Geogrid - SBML - Sta. 525+00 to 530+00	2	2	16-Apr-18	18-Apr-18	20																								
CSE1540	Construct Select - SBML - Sta. 485+00 to 505+00	4	4	18-Apr-18	23-Apr-18	3																								
CSE0680	Construct Select - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	45	45	16-Feb-18	26-Apr-18	0																								
CSE1340	Construct Select - SBML - Sta. 530+00 to 535+00	2	2	15-May-18	16-May-18	0																								
CGE1340	Install Geogrid - SBML - Sta. 530+00 to 535+00	1	1	17-May-18	17-May-18	0																								
CSE1850	Construct Select - NBML - Sta. 395+00 to 425+00	40	40	23-Apr-18	22-Jun-18	151																								
CSE1860	Construct Select - NBML - Sta. 430+00 to 460+00	5	5	25-Jun-18	02-Jul-18	151																								
CSE1280	Construct Select - SBML - Sta. 535+00 to 555+00	5	5	27-Jun-18	03-Jul-18	89																								
CGE1280	Install Geogrid - SBML - Sta. 535+00 to 555+00	2	2	05-Jul-18	06-Jul-18	204																								
CSE1960	Construct Select - NBML - Sta. 543+50 to 558+00	5	5	11-Jul-18	17-Jul-18	84																								
CGE1960	Install Geogrid - NBML - Sta. 543+50 to 558+00	2	2	18-Jul-18	19-Jul-18	87																								
CSE2090	Construct Select - SBML - Sta. 430+00 to 460+00	5	5	13-Jul-18	20-Jul-18	63																								
CSE2080	Construct Select - SBML - Sta. 395+00 to 425+00	24	24	20-Jul-18	27-Aug-18	137																								
CSE1920	Construct Select - NBML - Sta. 573+00 to 590+00	5	5	20-Sep-18	26-Sep-18	205																								
CSE1870	Construct Select - SBML Inside - Sta. 585+00 to 597+00 SB to EB	2	2	28-Sep-18	01-Oct-18	62																								
CSE2965	Construct Select - SBML - Sta. 555+00 to 558+00 Plug	2	2	01-Oct-18	03-Oct-18	55																								
CGE1920	Install Geogrid - NBML - Sta. 573+00 to 590+00	5	5	27-Sep-18	04-Oct-18	205																								
CGE2965	Install Geogrid - SBML - Sta. 555+00 to 558+00 Plug	1	1	04-Oct-18	04-Oct-18	55																								
CSE1810	Construct Select - NBML - Sta. 558+00 to 573+00	2	2	01-Nov-18	02-Nov-18	209																								
CGE1810	Install Geogrid - NBML - Sta. 558+00 to 573+00	2	2	05-Nov-18	06-Nov-18	209																								
CSE1890	Construct Select - SBML - Sta. 558+00 to 585+00 (Full Width)	5	5	06-Nov-18	12-Nov-18	40																								
CGE1890	Install Geogrid - SBML - Sta. 558+00 to 585+00 (Full Width)	3	3	13-Nov-18	15-Nov-18	40																								
CSE2240	Construct Select - SBML - Sta. 460+00 to 486+00	4	4	16-Apr-19	19-Apr-19	3																								
CSE2230	Construct Select - NBML - Sta. 460+00 to 488+00	5	5	16-May-19	23-May-19	15																								
<b>Pavement</b>		<b>452</b>	<b>452</b>	<b>11-Aug-17</b>	<b>10-Jul-19</b>	<b>59</b>																								
<b>Asphalt Pavement</b>		<b>435</b>	<b>435</b>	<b>11-Aug-17</b>	<b>12-Jun-19</b>	<b>71</b>																								
CBB0360	Construct Bond Breaker - NBML Tie-In 205+00 to 214+00	1	1	11-Aug-17	11-Aug-17	160																								
CBB8700	Construct Bond Breaker - NBML Outside - Sta. 231+00 to 250+00	3	3	14-Aug-17	16-Aug-17	267																								
CBB0490	Construct Bond Breaker - SBML Inside - Sta. 205+00 to 251+00	3	3	11-Sep-17	13-Sep-17	20																								
CBB0230	Construct Bond Breaker - NBML Outside - Sta. 210+00 to 228+00	3	3	14-Sep-17	18-Sep-17	124																								
CBB2940	Construct Bond Breaker - SBML Tie-In/Center - Sta. 205+00 to 230+00	1	1	02-Nov-17	02-Nov-17	34																								
CBB1290	Construct Bond Breaker - NBML - Sta. 485+00 to 505+00	2	2	15-Dec-17	18-Dec-17	46																								
CBB8580	Construct Bond Breaker - SBML Outside - Sta. 210+00 to 251+00	1	1	29-Dec-17	29-Dec-17	34																								
CBB2950	Construct Bond Breaker - NBML - Sta. 530+00 to 535+00 (Excl. Tmp P&E)	1	1	02-Jan-18	02-Jan-18	44																								
CBB0410	Construct Bond Breaker - NBML Inside - Sta. 205+00 to 251+00	2	2	10-Jan-18	11-Jan-18	184																								
CBB1310	Construct Bond Breaker - NBML - Sta. 524+00 to 530+00	1	1	07-Mar-18	07-Mar-18	3																								
CBB0980	Construct Bond Breaker - SBML - Sta. 320+00 to 370+00	4	4	26-Mar-18	29-Mar-18	34																								
CBB1180	Construct Bond Breaker - SBML - Sta. 370+00 to 395+00	1	1	13-Apr-18	13-Apr-18	132																								
CBB1550	Construct Bond Breaker - SBML - Sta. 525+00 to 530+00	1	1	24-Apr-18	24-Apr-18	20																								
CBB0670	Construct Bond Breaker - NBML - Sta. 246+00 to 320+00	4	4	25-Apr-18	30-Apr-18	12																								
CBB0970	Construct Bond Breaker - NBML - Sta. 320+00 to 370+00	4	4	25-Apr-18	30-Apr-18	13																								
CBB1170	Construct Bond Breaker - NBML - Sta. 370+00 to 395+00	2	2	27-Apr-18	30-Apr-18	117																								
CBB1540	Construct Bond Breaker - SBML - Sta. 485+00 to 505+00	2	2	04-May-18	07-May-18	3																								
CBB0680	Construct Bond Breaker - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	4	4	04-May-18	10-May-18	0																								
CBB1340	Construct Bond Breaker - SBML - Sta. 530+00 to 535+00	1	1	24-May-18	24-May-18	0																								
CBB1280	Construct Bond Breaker - SBML - Sta. 535+00 to 555+00	2	2	19-Jul-18	20-Jul-18	204																								

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBB1860	Construct Bond Breaker - NBML - Sta. 430+00 to 460+00	2	2	19-Jul-18	20-Jul-18	151												
CBB2090	Construct Bond Breaker - SBML - Sta. 430+00 to 460+00	2	2	16-Aug-18	17-Aug-18	183												
CBB2080	Construct Bond Breaker - SBML - Sta. 395+00 to 425+00	2	2	12-Sep-18	14-Sep-18	137												
CBB1850	Construct Bond Breaker - NBML - Sta. 395+00 to 425+00	4	4	12-Sep-18	17-Sep-18	172												
CBB1960	Construct Bond Breaker - NBML - Sta. 543+50 to 558+00	2	2	24-Sep-18	25-Sep-18	142												
CBB1870	Construct Bond Breaker - SBML Inside - Sta. 585+00 to 597+00 SB to E	1	1	08-Oct-18	08-Oct-18	95												
CBB2965	Construct Bond Breaker - SBML - Sta. 555+00 to 558+00 Plug	1	1	10-Oct-18	10-Oct-18	73												
CBB1920	Construct Bond Breaker - NBML - Sta. 573+00 to 590+00	2	2	22-Oct-18	23-Oct-18	205												
CBB1810	Construct Bond Breaker - NBML - Sta. 558+00 to 573+00	1	1	12-Nov-18	12-Nov-18	209												
CBB1890	Construct Bond Breaker - SBML - Sta. 558+00 to 585+00 (Full Width)	2	2	04-Dec-18	05-Dec-18	40												
CBB2240	Construct Bond Breaker - SBML - Sta. 460+00 to 486+00	2	2	06-May-19	08-May-19	3												
CBB2230	Construct Bond Breaker - NBML - Sta. 460+00 to 488+00	2	2	11-Jun-19	12-Jun-19	15												
<b>Concrete Pavement</b>		<b>451</b>	<b>451</b>	<b>14-Aug-17</b>	<b>10-Jul-19</b>	<b>59</b>												
CCP0360	Construct CRCP - NBML Tie-In 205+00 to 214+00	3	3	14-Aug-17	16-Aug-17	160												
CCP8700	Construct CRCP - NBML Outside - Sta. 231+00 to 250+00	12	12	17-Aug-17	05-Sep-17	267												
CCP0490	Construct CRCP - SBML Inside - Sta. 205+00 to 251+00	10	10	14-Sep-17	28-Sep-17	20												
CCP0230	Construct CRCP - NBML Outside - Sta. 210+00 to 228+00	10	10	20-Sep-17	04-Oct-17	124												
CCP2940	Construct CRCP - SBML Tie-In/Center - Sta. 205+00 to 230+00	3	3	03-Nov-17	07-Nov-17	34												
CCP2950	Construct CRCP - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave TP-	3	3	03-Jan-18	05-Jan-18	44												
CCP1290	Construct CRCP - NBML - Sta. 488+00 to 505+00	14	14	20-Dec-17	10-Jan-18	46												
CCP8580	Construct CRCP - SBML Outside - Sta. 210+00 to 251+00	10	10	02-Jan-18	15-Jan-18	34												
CCP0410	Construct CRCP - NBML Inside - Sta. 205+00 to 251+00	15	15	12-Jan-18	01-Feb-18	184												
CCP1310	Construct CRCP - NBML - Sta. 524+00 to 530+00	5	5	08-Mar-18	14-Mar-18	3												
CCP1180	Construct CRCP - SBML - Sta. 370+00 to 395+00	10	10	16-Apr-18	30-Apr-18	132												
CCP1550	Construct CRCP - SBML - Sta. 525+00 to 530+00	4	4	25-Apr-18	30-Apr-18	20												
CCP0980	Construct CRCP - SBML - Sta. 320+00 to 370+00	28	28	30-Mar-18	11-May-18	34												
CCP1170	Construct CRCP - NBML - Sta. 370+00 to 395+00	15	15	01-May-18	23-May-18	117												
CCP1540	Construct CRCP - SBML - Sta. 486+00 to 505+00	12	12	09-May-18	25-May-18	3												
CCP1340	Construct CRCP - SBML - Sta. 530+00 to 535+00	4	4	25-May-18	31-May-18	0												
CCP0970	Construct CRCP - NBML - Sta. 320+00 to 370+00	29	29	01-May-18	14-Jun-18	13												
CCP0670	Construct CRCP - NBML - Sta. 246+00 to 320+00	30	30	01-May-18	15-Jun-18	12												
CCP0680	Construct CRCP - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	35	35	11-May-18	06-Jul-18	0												
CCP1280	Construct CRCP - SBML - Sta. 535+00 to 555+00	15	15	23-Jul-18	13-Aug-18	204												
CCP1860	Construct CRCP - NBML - Sta. 430+00 to 460+00	18	18	23-Jul-18	16-Aug-18	151												
CCP2080	Construct CRCP - SBML - Sta. 395+00 to 425+00	19	19	14-Sep-18	15-Oct-18	137												
CCP2965	Construct CRCP - SBML - Sta. 555+00 to 558+00 Plug	3	3	11-Oct-18	15-Oct-18	73												
CCP1960	Construct CRCP - NBML - Sta. 543+50 to 558+00	18	18	26-Sep-18	23-Oct-18	142												
CCP1850	Construct CRCP - NBML - Sta. 395+00 to 425+00	34	34	19-Sep-18	08-Nov-18	172												
CCP1920	Construct CRCP - NBML - Sta. 573+00 to 590+00	17	17	30-Nov-18	26-Dec-18	181												
CCP1890	Construct CRCP - SBML - Sta. 558+00 to 585+00 (Full Width)	17	17	06-Dec-18	02-Jan-19	40												
CCP1810	Construct CRCP - NBML - Sta. 558+00 to 573+00	5	5	27-Dec-18	03-Jan-19	181												
CCP1870	Construct CRCP - SBML Inside - Sta. 585+00 to 597+00 SB to EB	4	4	03-Jan-19	08-Jan-19	40												
CCP2090	Construct CRCP - SBML - Sta. 430+00 to 460+00	17	17	09-Jan-19	31-Jan-19	92												
CCP2240	Construct CRCP - SBML - Sta. 460+00 to 486+00	10	10	09-May-19	23-May-19	3												
CCP2230	Construct CRCP - NBML - Sta. 460+00 to 488+00	17	17	13-Jun-19	10-Jul-19	15												
<b>Retaining Walls</b>		<b>557</b>	<b>339</b>	<b>12-Aug-16 A</b>	<b>29-Nov-18</b>	<b>203</b>												
CWL120A-050	Construct Wall 120A (MSE) Sta. 1316+00 to 1318+00	10	10	26-Jun-17	11-Jul-17	10												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL120A-090	Construct Wall Coping 120A (MSE) Sta. 1316+00 to 1318+00	2	2	12-Jul-17	13-Jul-17	105												
CWL119A-050	Construct Wall 119A (MSE) Sta. 1316+00 to 1318+00	10	10	12-Jul-17	25-Jul-17	10												
CWL119A-090	Construct Wall Coping 119A (MSE) Sta. 1316+00 to 1318+00	3	3	26-Jul-17	28-Jul-17	94												
CWL121A-050	Construct Wall 121A (MSE) Sta. 1316+00 to 1318+00	10	10	26-Jul-17	09-Aug-17	10												
CWL121A-090	Construct Wall Coping 121A (MSE) Sta. 1316+00 to 1318+00	2	2	10-Aug-17	11-Aug-17	85												
CWL122A-050	Construct Wall 122A (MSE) Sta. 1316+00 to 1318+00	10	10	10-Aug-17	24-Aug-17	94												
CWL122A-090	Construct Wall Coping 122A (MSE) Sta. 1316+00 to 1318+00	2	2	25-Aug-17	28-Aug-17	94												
CWL118A-050	Construct Wall 118A (MSE) Sta. 240+57 to 240+85	10	10	21-Jun-18	06-Jul-18	27												
CWL118A-090	Construct Wall Coping 118A (MSE) Sta. 240+57 to 240+85	3	3	09-Jul-18	11-Jul-18	77												
<b>Wall 108 MSE</b>		<b>256</b>	<b>3</b>	<b>12-Aug-16 A</b>	<b>21-Aug-17</b>	<b>142</b>												
CWL108-60	Construct Wall 108 (S/N), Sta. 224+28 to 227+52, LT	10	0	12-Aug-16 A	01-Nov-16 A													
CWL108-90	Construct Wall 108 (Fascia), Sta. 224+28 to 227+52, LT	10	0	18-Nov-16 A	02-Feb-17 A													
CWL108-060	Construct Wall 108 (MSE), Sta. 224+28 to 227+52, NBML	15	0	27-Dec-16 A	21-Jun-17 A													
CWL108-090	Construct Wall Coping 108, Sta. 224+28 to 227+52, LT	3	3	17-Aug-17	21-Aug-17	142												
<b>Wall 108A</b>		<b>17</b>	<b>17</b>	<b>25-Aug-17</b>	<b>20-Sep-17</b>	<b>12</b>												
CWL108A-050	Construct Wall 108A (MSE), Sta. 356+00 to 360+00, RT	14	14	25-Aug-17	14-Sep-17	12												
CWL108A-090	Construct Wall Coping 108A (MSE), Sta. 356+00 to 360+00, RT	3	3	15-Sep-17	20-Sep-17	12												
<b>Wall 112 MSE</b>		<b>188</b>	<b>33</b>	<b>02-Nov-16 A</b>	<b>16-Aug-17</b>	<b>142</b>												
CWL112-50	Construct Wall 112 (S/N), Sta. 230+73 to 244+34, LT	20	0	02-Nov-16 A	13-Jan-17 A													
CWL112-90	Construct Wall 112 (Fascia), Sta. 230+73 to 244+34, LT	20	0	30-Jan-17 A	07-Apr-17 A													
CWL112-050	Construct Wall 112 (MSE), Sta. 230+73 to 244+34, NBML	24	24	02-Mar-17 A	02-Aug-17	76												
CWL112-090	Construct Wall Coping 112 (MSE), Sta. 230+73 to 244+34, LT	9	9	03-Aug-17	16-Aug-17	142												
<b>Wall 112A</b>		<b>13</b>	<b>13</b>	<b>09-Jul-18</b>	<b>25-Jul-18</b>	<b>67</b>												
CWL112A-050	Construct Wall 112A (MSE), Sta. 230+30 to 242+00, LT	10	10	09-Jul-18	20-Jul-18	27												
CWL112A-090	Construct Wall Coping 112A (MSE), Sta. 230+30 to 242+00, LT	3	3	23-Jul-18	25-Jul-18	67												
<b>Wall 114A</b>		<b>13</b>	<b>13</b>	<b>06-Aug-18</b>	<b>24-Aug-18</b>	<b>57</b>												
CWL114A-050	Construct Wall 114A (MSE), Sta. 241+00 to 242+00, RT	10	10	06-Aug-18	20-Aug-18	27												
CWL114A-090	Construct Wall Coping 114A (MSE), Sta. 241+00 to 242+00, RT	3	3	22-Aug-18	24-Aug-18	57												
<b>Wall 115A</b>		<b>13</b>	<b>13</b>	<b>22-Aug-18</b>	<b>10-Sep-18</b>	<b>47</b>												
CWL115A-050	Construct Wall 115A (MSE), Sta. 241+00 to 242+00, RT	10	10	22-Aug-18	05-Sep-18	27												
CWL115A-090	Construct Wall Coping 115A (MSE), Sta. 241+00 to 242+00, RT	3	3	06-Sep-18	10-Sep-18	47												
<b>Wall 116A</b>		<b>13</b>	<b>13</b>	<b>06-Sep-18</b>	<b>25-Sep-18</b>	<b>37</b>												
CWL116A-050	Construct Wall 116A (MSE), Sta. 241+00 to 242+00, RT	10	10	06-Sep-18	20-Sep-18	27												
CWL116A-090	Construct Wall Coping 116A (MSE), Sta. 241+00 to 242+00, RT	3	3	21-Sep-18	25-Sep-18	37												
<b>Wall 117A</b>		<b>13</b>	<b>13</b>	<b>21-Sep-18</b>	<b>10-Oct-18</b>	<b>27</b>												
CWL117A-050	Construct Wall 117A (MSE), Sta. 241+00 to 242+00, RT	10	10	21-Sep-18	05-Oct-18	27												
CWL117A-090	Construct Wall Coping 117A (MSE), Sta. 241+00 to 242+00, RT	3	3	08-Oct-18	10-Oct-18	27												
<b>Wall 125</b>		<b>79</b>	<b>79</b>	<b>05-Jan-18</b>	<b>02-May-18</b>	<b>5</b>												
CWL125-050.1	Construct Wall 125 (S/N), Sta. 265+64 to 278+00, RT (Cut) (Incl. Rail) (	40	40	05-Jan-18	02-Mar-18	5												
CWL125-050.2	Construct Wall 125 (S/N), Sta. 278+64 to 293+00, RT (Cut) (Incl. Rail) (:	40	40	05-Jan-18	02-Mar-18	5												
CWL125-90	Construct Wall 125 (Fascia), Sta. 265+64 to 293+00, RT (Cut) (Incl. Rai	60	60	12-Jan-18	11-Apr-18	5												
CWL125-090	Construct Wall Coping 125 (S/N), Sta. 265+64 to 293+00, RT	14	14	12-Apr-18	02-May-18	5												
<b>Wall 137</b>		<b>29</b>	<b>29</b>	<b>15-Sep-17</b>	<b>30-Oct-17</b>	<b>126</b>												
CWL137-050	Construct Wall 137 (MSE), Sta. 307+16 to 321+32, RT	24	24	15-Sep-17	23-Oct-17	22												
CWL137-090	Construct Wall Coping 137 (MSE), Sta. 307+16 to 321+32, RT	5	5	24-Oct-17	30-Oct-17	126												
<b>Wall 189</b>		<b>12</b>	<b>16</b>	<b>05-Jun-17 A</b>	<b>16-Oct-17</b>	<b>140</b>												
CWL189-050	Construct Wall 189 (MSE), Sta. 287+00 to 293+80, LT	12	12	05-Jun-17 A	10-Oct-17	56												
CWL189-090	Construct Wall Coping 189 (MSE), Sta. 287+00 to 293+80, LT	4	4	11-Oct-17	16-Oct-17	140												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Wall 195</b>		30	25	12-Jun-17 A	01-Aug-17	101												
CWL195-050	Construct Wall 195 (MSE), Sta. 2323+88 to 2331+89, RT	20	20	12-Jun-17 A	25-Jul-17	32												
CWL195-090	Construct Wall Coping 195 (MSE), Sta. 2323+88 to 2331+89, RT	5	5	26-Jul-17	01-Aug-17	101												
<b>Wall 196</b>		27	27	30-Nov-17	10-Jan-18	87												
CWL196-050	Construct Wall 196 (S/N), Sta. 360+00 to 364+20, RT (Cut)	14	14	30-Nov-17	20-Dec-17	87												
CWL196-90	Construct Wall 196 (Fascia), Sta. 360+00 to 364+20, RT (Cut)	10	10	21-Dec-17	05-Jan-18	87												
CWL196-090	Construct Wall Coping 196 (S/N), Sta. 360+00 to 364+20, RT (Cut)	3	3	08-Jan-18	10-Jan-18	87												
<b>Wall 209</b>		31	31	31-Jul-17	14-Sep-17	392												
CWL209-050	Construct Wall 209 (MSE), Sta. 17+26 to 23+30, RT (Fill) (Incl. Rail)	26	26	31-Jul-17	07-Sep-17	8												
CWL209-090	Construct Wall Coping 209 (MSE), Sta. 17+26 to 23+30, RT	5	5	08-Sep-17	14-Sep-17	392												
<b>Wall 210</b>		17	17	10-Nov-17	06-Dec-17	316												
CWL210-050	Construct Wall 210 (MSE), Sta. 2505+72 to 2508+95, RT (Fill)	14	14	10-Nov-17	01-Dec-17	75												
CWL210-090	Construct Wall Coping 210 (MSE), Sta. 2505+72 to 2508+95, RT (Fill)	3	3	04-Dec-17	06-Dec-17	316												
<b>Wall 213</b>		86	86	14-Dec-17	24-Apr-18	172												
CWL213-050	Construct Wall 213 (S/N), Sta. 3525+50 to 3540+90, LT (Cut)	56	56	14-Dec-17	08-Mar-18	85												
CWL213-90	Construct Wall 213 (Fascia), Sta. 3525+50 to 3540+90, LT (Cut)	24	24	09-Mar-18	13-Apr-18	85												
CWL213-090	Construct Wall Coping 213 (S/N), Sta. 3525+50 to 3540+90, LT	6	6	16-Apr-18	24-Apr-18	172												
<b>Wall 214 S/N</b>		38	38	21-May-18	19-Jul-18	289												
CWL214-060	Construct Wall 214 (S/N), Sta. 3533+40 to 3537+00, LT (Cut/Fill) 1/2	22	22	21-May-18	25-Jun-18	90												
CWL214-90	Construct Wall 214 (Fascia), Sta. 3533+40 to 3537+00, LT (Cut/Fill) 1/2	10	10	27-Jun-18	11-Jul-18	90												
CWL214-090	Construct Wall Coping 214 (S/N), Sta. 3527+00 to 3535+34, LT (Cut/Fill)	6	6	12-Jul-18	19-Jul-18	289												
<b>Wall 214 MSE</b>		23	23	29-May-18	03-Jul-18	89												
CWL214-070	Construct Wall 214 (MSE-1), Sta. 3527+80 to 3533+40, LT (Cut/Fill) 2/2	23	23	29-May-18	03-Jul-18	89												
<b>Wall 223</b>		46	46	12-Apr-18	22-Jun-18	284												
CWL223-050	Construct Wall 223 (MSE), Sta. 2570+88 to 2574+50, RT (Fill) (Incl. Rail)	39	39	12-Apr-18	12-Jun-18	134												
CWL223-090	Construct Wall Coping 223 (MSE), Sta. 2570+88 to 2574+50, RT	7	7	13-Jun-18	22-Jun-18	284												
<b>Wall 225</b>		29	29	29-Aug-18	11-Oct-18	75												
CWL225-050	Construct Wall 225 (MSE), Sta. 1577+10 to 1584+34, LT (Fill) (Incl. Rail)	24	24	29-Aug-18	04-Oct-18	60												
CWL225-090	Construct Wall Coping 225 (MSE), Sta. 1577+10 to 1584+34, LT	5	5	05-Oct-18	11-Oct-18	75												
<b>Wall 226</b>		339	339	26-Jun-17	29-Nov-18	181												
CWL226-050	Construct Wall 226 (MSE), Sta. 4580+00 to 4580+00, RT/LT (Fill)	21	21	26-Jun-17	26-Jul-17	330												
CWL226-090	Construct Wall Coping 226 (MSE), Sta. 4580+00 to 4580+00, RT/LT	4	4	26-Nov-18	29-Nov-18	181												
<b>Wall 228</b>		14	14	09-May-18	30-May-18	179												
CWL228-050	Construct Wall 228 (MSE), Sta. 3580+77 to 3583+37, RT (Fill) (Incl. Rail)	12	12	09-May-18	25-May-18	44												
CWL228-090	Construct Wall Coping 228 (MSE), Sta. 3580+77 to 3583+37, RT	2	2	29-May-18	30-May-18	179												
<b>Wall T202</b>		10	10	29-Aug-18	12-Sep-18	72												
CWLT202-050	Construct Wall T202 (Temp), Sta. 3584+00 to 3590+00, SBML, RT (Fill)	10	10	29-Aug-18	12-Sep-18	72												
<b>Bridges</b>		787	539	08-Jun-16 A	03-Oct-19	19												
<b>8 NBML Over Little Walnut Creek</b>		120	71	11-Jul-16 A	18-May-18	119												
CBR08-0400	Drill Shafts - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302+00	11	11	11-Jul-16 A	15-Feb-18	120												
CBR08-0500	Construct Columns - Bridge 08 (NBML Over Little Walnut Creek) - Sta.	6	6	16-Feb-18	26-Feb-18	119												
CBR08-0550	Construct Abutments - Bridge 08 (NBML Over Little Walnut Creek) - Sta.	15	15	16-Feb-18	12-Mar-18	130												
CBR08-0600	Construct Caps - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302	16	16	05-Mar-18	28-Mar-18	119												
CBR08-0700	Erect Beams - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302+00	5	5	29-Mar-18	05-Apr-18	119												
CBR08-0800	Construct Deck - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302	14	14	06-Apr-18	26-Apr-18	119												
CBR08-0900	Construct Rail/Surf. Trt - Bridge 08 (NBML Over Little Walnut Creek) - S	15	15	27-Apr-18	18-May-18	119												
<b>11 Ped Crossing at 51st Street</b>		134	115	08-May-17 A	28-Feb-18	146												
CBR11-0400	Drill Shafts - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	10	10	08-May-17 A	21-Sep-17	173												
CBR11-0500	Construct Columns - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	30	30	07-Sep-17	23-Oct-17	173												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone





Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR26-3N-0600	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 9N-10N)	17	0	28-Nov-16 A	20-Jan-17 A													
CBR26-4N-0500	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 4N, Bent 11N-13N)	14	0	27-Oct-16 A	20-Jan-17 A													
CBR26-2N-0400	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 5N-7N) - Sta.	12	0	14-Nov-16 A	30-Jan-17 A													
CBR26-1N-0400	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 1N, Abut 1N-Bent 4N) -	10	0	20-Oct-16 A	31-Jan-17 A													
CBR26-4N-0600	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 4N, Bent 11N-13N)	13	0	21-Jan-17 A	08-Feb-17 A													
CBR26-1N-0500	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 1N, Abut 1N-Bent 4N)	10	0	14-Dec-16 A	17-Feb-17 A													
CBR26-0800C	Demo Deck/Rail - Bridge 26a (NBML Over Col. River) Lt. Widen 120- S	60	0	08-Jun-16 A	24-Feb-17 A													
CBR26-1N-0600.1	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 1N, Abut 1N-Bent 4N)	17	0	14-Feb-17 A	16-Mar-17 A													
CBR26-6N-0400	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 6N, Bent 17N-Abut 18N)	4	0	27-Feb-17 A	21-Mar-17 A													
CBR26-2N-0500	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 5N-7N)	10	0	08-Feb-17 A	22-Mar-17 A													
CBR26-2N-0600.2	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 6N) - Sta.	21	0	10-Mar-17 A	23-Mar-17 A													
CBR26-6N-0500	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 6N, Bent 17N-Abut 18N)	4	0	14-May-17 A	17-May-17 A													
CBR26-1N-0600.2	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 1N, Bent 3N) - Sta.	17	0	01-Mar-17 A	18-May-17 A													
CBR26-6N-0550	Construct Abutments - Bridge 26a (NBML) Lt. Widen (Abut 18N) - Sta. 5	15	0	10-May-17 A	19-May-17 A													
CBR26-5N-0400.1	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 14N-15N) - St	4	0	17-Feb-17 A	30-May-17 A													
CBR26-1N-0550	Construct Abutments - Bridge 26a (NBML) Lt. Widen (Abut 1N) - Sta. 5C	15	0	20-May-17 A	09-Jun-17 A													
CBR26-3N-0610.1	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N) - Sp	13	0	23-Feb-17 A	12-Jun-17 A													
CBR26-6N-0600	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 6N, Bent 17N-Abu	12	0	12-Jun-17 A	16-Jun-17 A													
CBR26-5N-0500.1	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 14N-15N)	3	3	10-Jul-17	12-Jul-17	91												
CBR26-2N-0600.1	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 5N & 7N)	21	21	24-May-17 A	26-Jul-17	60												
CBR26-6N-0700	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 6N, Bent 17N-Abut 18N)	4	4	24-Jul-17	27-Jul-17	123												
CBR26-5N-0600.1	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 14N-15N)	13	13	13-Jul-17	31-Jul-17	91												
CBR26-3N-0710.1	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N) - Spans	2	2	09-Aug-17	10-Aug-17	124												
CBR26-2N-0700	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 5N-7N) - St	4	4	09-Aug-17	14-Aug-17	52												
CBR26-5N-0400.2	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 16N) - Sta. 51	2	2	11-Aug-17	14-Aug-17	81												
CBR26-1N-0700	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 1N, Abut 1N-Bent 4N)	4	4	10-Aug-17	15-Aug-17	36												
CBR26-3N-0700	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 9N-10N) - Sp	4	4	10-Aug-17	15-Aug-17	66												
CBR26-5N-0500.2	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 16N)	3	3	11-Aug-17	15-Aug-17	81												
CBR26-4N-0700	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 4N, Bent 11N-13N) -	4	4	29-Aug-17	01-Sep-17	69												
CBR26-5N-0600.2	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 16N) - St	13	13	16-Aug-17	05-Sep-17	81												
CBR26-5N-0700.1	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 14N-15N) -	2	2	06-Sep-17	07-Sep-17	81												
CBR26-5N-0700.2	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 16N) - Sta.	2	2	07-Sep-17	08-Sep-17	80												
CBR26-3N-0810.1	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N) - Sp	20	20	11-Aug-17	11-Sep-17	124												
CBR26-1N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 1N, Abut 1N-Bent 4N)	15	15	30-Aug-17	21-Sep-17	27												
CBR26-2N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 2N, Bent 5N-7N) -	15	15	22-Sep-17	13-Oct-17	27												
CBR26-3N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 9N-10N)	15	15	16-Oct-17	07-Nov-17	27												
CBR26-4N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 4N, Bent 11N-13N)	15	15	08-Nov-17	30-Nov-17	27												
CBR26-5N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 5N, Bent 14N-16N)	15	15	01-Dec-17	22-Dec-17	27												
CBR26-6N-0800	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 6N, Bent 17N-Abu	15	15	26-Dec-17	16-Jan-18	27												
CBR26a-0900	Construct Rail/Surf. Trt - Bridge 26a (NBML Over Col. River) Lt. Widen	15	15	17-Jan-18	06-Feb-18	27												
CBR26-3N-0410.2	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - Spans	2	2	19-Jul-18	20-Jul-18	54												
CBR26-3N-0510.2	Construct Columns - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A)	5	5	23-Jul-18	27-Jul-18	54												
CBR26-3N-0610.2	Construct Caps - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - Sp	13	13	30-Jul-18	16-Aug-18	54												
CBR26-3N-0710.2	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - Sp	2	2	17-Aug-18	20-Aug-18	54												
CBR26-3N-0810.2	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - Sp	15	15	22-Aug-18	12-Sep-18	258												
<b>39 NBML Over Montopolis Tributary</b>		<b>250</b>	<b>265</b>	<b>08-Jun-17 A</b>	<b>06-Aug-18</b>	<b>277</b>												
CBR39-0400	Drill Shafts - Bridge 39 (NBML Over Montopolis Tributary) - Sta. 566+00	15	15	08-Jun-17 A	18-Jul-17	323												

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone







183 South Project (PBS-2) SU21 Rev.01			183S - Master Schedule				15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CTS2300	Move Barrier / Switch Traffic - Open NBML - Sta 538+00 to 587+00	5	5	15-Apr-19	19-Apr-19	114												
CTS2370	Move Barrier / Switch Traffic - Open SBML - Sta 250+00 to 595+00 (Fin	5	5	24-May-19	31-May-19	19												
CTS2360	Move Barrier / Switch Traffic - Open NBML - Sta 250+00 to 595+00 (Fin	5	5	11-Jul-19	17-Jul-19	15												
<b>Detour Construction / Removal</b>		<b>538</b>	<b>303</b>	<b>08-Jul-16 A</b>	<b>23-Oct-18</b>	<b>68</b>												
CCG8600	Clear/Grub/Removals - Temp Widening (TP140 & TP141) SBML - Sta. 2	2	0	08-Jul-16 A	11-Jul-16 A													
CCG0300	Clear/Grub/Removals - Temp Pave Ramp 2 - Sta. 251+00 to 260+00	2	0	18-Jul-16 A	20-Jul-16 A													
CCG8590	Clear/Grub/Removals - Temp Pave SBML to SBML Crossover - Sta. 25	2	0	18-Jul-16 A	20-Jul-16 A													
CCG8620	Clear/Grub/Removals - Temp Crossover SBML to NBML 527+50 to 529	1	0	03-Aug-16 A	04-Aug-16 A													
CCG1590	Clear/Grub/Removals - Temp Widen for SBML - Sta. 485+80 to 487+40	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1270	Clear/Grub/Removals - Temp Pave NBGP to NBML X-over (TP-2) - Sta	2	0	03-Aug-16 A	10-Aug-16 A													
CCG2040	Clear/Grub/Removals - Temp Pave SBGP to SBML Crossover - Sta. 48	2	0	03-Aug-16 A	10-Aug-16 A													
CCG1370	Clear/Grub/Removals - Temp Widen for SBML to NBML at SBGP X-ove	2	0	03-Aug-16 A	10-Aug-16 A													
CCG1380	Clear/Grub/Removals - Temp Widen for SBML to NBML at SBML X-ove	2	0	03-Aug-16 A	10-Aug-16 A													
CCG2975	Clear/Grub/Removals - Temp Widen for X-over NBML - Sta. 489+00	2	0	03-Aug-16 A	10-Aug-16 A													
CSE8600	Construct Select - Temp Widening (TP140 & TP141) SBML - Sta. 200+C	2	0	06-Sep-16 A	26-Sep-16 A													
CEW8600	Earthwork - Temp Widening (TP140 & TP141) SBML - Sta. 200+00 to 22	2	0	11-Jul-16 A	28-Sep-16 A													
CEW8590	Earthwork - Temp Pave SBML to SBML Crossover - Sta. 251+00 to 260	2	0	09-Jan-17 A	10-Jan-17 A													
CTP8590	Construct Temp Pave SBML to SBML Crossover - Sta 251+00 to 260+0	2	0	30-Jan-17 A	30-Jan-17 A													
CEW0300	Earthwork - Temp Pave Ramp 2 - Sta. 251+00 to 260+00	2	0	17-Oct-16 A	21-Feb-17 A													
CSE8590	Construct Select - Temp Pave SBML to SBML Crossover - Sta. 251+00	2	0	11-Jan-17 A	24-Feb-17 A													
CSE0300	Construct Select - Temp Pave Ramp 2 - Sta. 251+00 to 260+00	4	0	01-Jun-17 A	19-Jun-17 A													
CTP0300	Construct Temp Pave Ramp 2 - Sta 251+00 to 260+00	2	0	21-Jun-17 A	21-Jun-17 A													
CEW1380	Earthwork - Temp Widen for SBML to NBML at SBML X-over - Sta. 481+	4	4	13-Jul-17	19-Jul-17	147												
CSE1380	Construct Select - Temp Widen for SBML to NBML at SBML X-over - Sta	2	2	19-Jul-17	21-Jul-17	147												
CTP1380	Construct Temp Widening for SBML to NBML at SBML X-over - Sta 481-	1	1	21-Jul-17	24-Jul-17	147												
CEW1590	Earthwork - Temp Widen for SBML - Sta. 485+80 to 487+40	2	2	24-Jul-17	26-Jul-17	147												
CSE1590	Construct Select - Temp Widen for SBML - Sta. 485+80 to 487+40	1	1	26-Jul-17	27-Jul-17	152												
CTP1590	Construct Temp Widening for SBML - Sta 485+80 to 487+40	1	1	27-Jul-17	28-Jul-17	152												
CEW1370	Earthwork - Temp Widen for SBML to NBML at SBGP X-over - Sta. 473-	4	4	26-Jul-17	01-Aug-17	147												
CSE1370	Construct Select - Temp Widen for SBML to NBML at SBGP X-over - St	2	2	01-Aug-17	03-Aug-17	147												
CTP1370	Construct Temp Widening for SBML to NBML at SBGP X-over - Sta 473	1	1	03-Aug-17	04-Aug-17	147												
CTP8600	Construct Temp Widening (TP140 & TP141) SBML - Sta 200+00 to 227-	2	2	15-Sep-16 A	06-Oct-17	34												
CEW1270	Earthwork - Temp Pave NBGP to NBML X-over (TP-2) - Sta. 535+00 to	6	6	05-Oct-17	12-Oct-17	98												
CSE1270	Construct Select - Temp Pave NBGP to NBML X-over (TP-2) - Sta. 535	3	3	13-Oct-17	18-Oct-17	98												
CTP1270	Construct Temp Pave NBGP to NBML X-over (TP-2) - Sta 535+00 to 54	2	2	19-Oct-17	20-Oct-17	98												
CEW2975	Earthwork - Temp Widen for X-over NBML - Sta. 489+00	3	3	04-Apr-18	06-Apr-18	142												
CEW8620	Earthwork - Temp Crossover SBML to NBML 527+50 to 529+00	3	3	12-Apr-18	16-Apr-18	97												
CSE8620	Construct Select - Temp Crossover SBML to NBML 527+50 to 529+00	9	9	24-Apr-18	04-May-18	93												
CTP8620	Construct Temp Crossover SBML to NBML 527+50 to 529+00	3	3	07-May-18	10-May-18	93												
CSE2975	Construct Select - Temp Widen for X-over NBML - Sta. 489+00	1	1	10-Jul-18	10-Jul-18	84												
CTP2975	Construction Temp Widen for X-over NBML - Sta 489+00	1	1	11-Jul-18	11-Jul-18	95												
CEW2040	Earthwork - Temp Pave SBGP to SBML Crossover - Sta. 485+00 to 49	3	3	25-Jul-18	27-Jul-18	122												
CSE2040	Construct Select - Temp Pave SBGP to SBML Crossover - Sta. 485+00	1	1	22-Oct-18	22-Oct-18	68												
CTP2040	Construct Temp Pave SBGP to SBML Crossover - Sta 485+00 to 491+	1	1	23-Oct-18	23-Oct-18	68												
<b>Signals and Illumination</b>		<b>559</b>	<b>438</b>	<b>17-Nov-16 A</b>	<b>29-Apr-19</b>	<b>109</b>												
<b>Roadway Illumination</b>		<b>559</b>	<b>438</b>	<b>17-Nov-16 A</b>	<b>29-Apr-19</b>	<b>109</b>												
CPI-4070	Construct Perm. Illumination - US 290 to Springdale/Manor Road	20	15	17-Nov-16 A	18-Jul-17	30												

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020			
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4	
CCG2490	Clear/Grub/Removals - SH 71 WB - Widen Inside to S. - Sta. 124+00 to	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2480	Clear/Grub/Removals - SH 71 WB - Widen Inside to S. - Sta. 128+00 to	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2680	Clear/Grub/Removals - SH 71 WB to US 183 SB Loop Ramp - Sta. 100-	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2500	Clear/Grub/Removals - SH 71 WB to SH 71 EB Turnaround - Sta. 133+	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2730	Clear/Grub/Removals - SH 71 EB to US 183 NB Loop Ramp Tie-In	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2520	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector - Sta. 18+0C	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2580	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector Tie-In - Sta.	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2590	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector Tie-In - Sta.	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2700	Clear/Grub/Removals - EB-NB and SB-WB DC Approach - Sta. 55+00 t	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG8540	Clear/Grub/Removals - SH 71 WB - Sta. 114+00 to 117+00	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG8550	Clear/Grub/Removals - SH 71 WB - Sta. 121+00 to 124+00	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG0485	Clear/Grub/Removals - SH 71 WB Plug - Sta. 127+00 to 128+00	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG8640	Clear/Grub/Removals - SH 71 WB Inside - Sta. 132+60 to 145+50	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG8660	Clear/Grub/Removals - SH 71 EB - Sta. 131+00 to 149+00 Inside	1	0	08-Aug-16 A	09-Aug-16 A																					
CCG2560	Clear/Grub/Removals - SH 71 EB - Widen Outside to S. - Sta. 128+50 tr	2	0	08-Aug-16 A	10-Aug-16 A																					
CCG2620	Clear/Grub/Removals - US 183 NB - Sta. 593+00 to 599+00 Inside	1	0	08-Aug-16 A	10-Aug-16 A																					
CCG2510	Clear/Grub/Removals - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+	1	0	08-Aug-16 A	10-Aug-16 A																					
CCG2780	Clear/Grub/Removals - US 183 SB - Sta. 590+00 to 628+00 Inside	2	0	08-Aug-16 A	10-Aug-16 A																					
CCG3600	Clear/Grub/Removals - SH 71 EB - Sta. 135+00 to 148+00 (Middle)	1	0	08-Aug-16 A	10-Aug-16 A																					
CCG4200	Clear/Grub/Removals - SH 71 EBFR Sta. 20+00 to 28+00 Outside	2	0	08-Aug-16 A	10-Aug-16 A																					
CCG3900	Clear/Grub/Removals - SH 71 WB - Sta. 98+50 to 102+50 Outside	2	0	08-Aug-16 A	10-Aug-16 A																					
CCG4000	Clear/Grub/Removals - US 183 NB - Sta. 593+00 to 599+00 Outside	2	0	08-Aug-16 A	10-Aug-16 A																					
CCG2740	Clear/Grub/Removals - US 183 SB - Sta. 590+00 to 620+00 Outside	4	0	08-Aug-16 A	11-Aug-16 A																					
CCG2930	Clear/Grub/Removals - US 183 NB to SH 71 EB Ramp - Replace	2	0	08-Aug-16 A	11-Aug-16 A																					
CCG4100	Clear/Grub/Removals - EB-NB and SB-WB DC Approach - Sta. 20+00 t	2	0	08-Aug-16 A	11-Aug-16 A																					
CCG2920	Clear/Grub/Removals - SH 71 EB - Sta. 127+00 to 130+50 (Plug)	4	0	08-Aug-16 A	12-Aug-16 A																					
CCG2790	Clear/Grub/Removals - SH 71 EB - Sta. 105+00 to 116+00	2	0	08-Aug-16 A	12-Aug-16 A																					
CCG2630	Clear/Grub/Removals - SH 71 EB - Sta. 120+00 to 128+50	2	0	08-Aug-16 A	12-Aug-16 A																					
CCG2890	Clear/Grub/Removals - SH 71 WB to US 183 NB Connector Tie-In - Sta	3	0	08-Aug-16 A	12-Aug-16 A																					
CCG2660	Clear/Grub/Removals - SH 71 WB - Sta. 96+00 to 105+00	2	0	08-Aug-16 A	12-Aug-16 A																					
CCG2900	Clear/Grub/Removals - SH 71 WB - Sta. 132+00 to 145+00 Middle	4	0	08-Aug-16 A	12-Aug-16 A																					
CCG8570	Clear/Grub/Removals - SH 71 WB - Sta. 132+00 to 145+50 Outside (Inr	4	0	08-Aug-16 A	12-Aug-16 A																					
CCG4400	Clear/Grub/Removals - SH 71 EB - Sta. 128+00 to 148+00 Outside	4	0	08-Aug-16 A	12-Aug-16 A																					
CCG4500	Clear/Grub/Removals - SH 71 EBFR - Sta. 20+00 to 32+00	4	0	08-Aug-16 A	12-Aug-16 A																					
<b>Bridge Removals</b>		10	10	02-Jan-18	15-Jan-18	39																				
CDM0555	Demo - Existing Structure SB US 183 to EB SH 71	10	10	02-Jan-18	15-Jan-18	39																				
<b>Earthwork</b>		514	514	04-Apr-17 A	04-Sep-19	14																				
<b>Excavation</b>		514	514	04-Apr-17 A	04-Sep-19	14																				
CEW2490	Earthwork - SH 71 WB - Widen Inside to S. - Sta. 124+00 to 127+00	5	5	06-Jul-17	12-Jul-17	160																				
CEW2630	Earthwork - SH 71 EB - Sta. 120+00 to 128+50	35	30	04-Apr-17 A	06-Sep-17	80																				
CEW2480	Earthwork - SH 71 WB - Widen Inside to S. - Sta. 128+00 to 132+50	5	5	15-Jun-17 A	15-Sep-17	92																				
CEW2510	Earthwork - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+00 to 17+50	3	3	18-Sep-17	21-Sep-17	92																				
CEW2730	Earthwork - SH 71 EB to US 183 NB Loop Ramp Tie-In	5	5	22-Sep-17	28-Sep-17	92																				
CEW8640	Earthwork - SH 71 WB Inside - Sta. 132+60 to 145+50	4	4	19-Oct-17	24-Oct-17	92																				
CEW2700	Earthwork - EB-NB and SB-WB DC Approach - Sta. 55+00 to 64+00	20	20	02-Jun-17 A	09-Nov-17	39																				
CEW2590	Earthwork - US 183 SB to SH 71 EB Connector Tie-In - Sta. 28+00 to 31	3	3	10-Nov-17	14-Nov-17	54																				
CEW2520	Earthwork - Temp Pave US 183 SB to SH 71 EB Connector - Sta. 18+00	4	4	10-Nov-17	15-Nov-17	58																				

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CEW8660	Earthwork - SH 71 EB - Sta. 131+00 to 149+00 Inside	5	5	30-Nov-17	06-Dec-17	39																								
CEW2660	Earthwork - SH 71 WB - Sta. 96+00 to 105+00	6	6	07-Dec-17	14-Dec-17	59																								
CEW2910	Earthwork - SH 71 EB - Sta. 93+00 to 109+00	7	7	28-Dec-17	08-Jan-18	149																								
CEW0485	Earthwork - SH 71 WB Plug - Sta. 127+00 to 128+00	2	2	16-Jan-18	17-Jan-18	357																								
CEW2560	Earthwork - SH 71 EB - Widen Outside to S. - Sta. 128+50 to 135+00	8	8	18-Jan-18	29-Jan-18	357																								
CEW2620	Earthwork - US 183 NB - Sta. 593+00 to 599+00 Inside	12	12	25-Jan-18	09-Feb-18	283																								
CEW2890	Earthwork - SH 71 WB to US 183 NB Connector Tie-In - Sta. 23+00 to 2	3	3	12-Feb-18	14-Feb-18	379																								
CEW8550	Earthwork - SH 71 WB - Sta. 121+00 to 124+00	10	10	06-Feb-18	20-Feb-18	321																								
CEW4000	Earthwork - US 183 NB - Sta. 593+00 to 599+00 Outside	4	4	19-Mar-18	23-Mar-18	310																								
CEW8540	Earthwork - SH 71 WB - Sta. 114+00 to 117+00	17	17	09-Apr-18	02-May-18	233																								
CEW8730	Earthwork - SH 71 WB - Sta. 102+00 to 106+00	23	23	03-May-18	08-Jun-18	233																								
CEW2680	Earthwork - SH 71 WB to US 183 SB Loop Ramp - Sta. 100+00 to 112+00	4	4	18-Jun-18	22-Jun-18	228																								
CEW2900	Earthwork - SH 71 WB - Sta. 132+00 to 145+00 Middle	5	5	25-Jun-18	02-Jul-18	228																								
CEW2780	Earthwork - US 183 SB - Sta. 590+00 to 628+00 Inside	11	11	10-Aug-18	27-Aug-18	177																								
CEW2740	Earthwork - US 183 SB - Sta. 590+00 to 620+00 Outside	15	15	10-Oct-18	01-Nov-18	177																								
CEW8570	Earthwork - SH 71 WB - Sta. 132+00 to 145+50 Outside (Incl. Plug Sta.)	3	3	05-Nov-18	07-Nov-18	206																								
CEW2790	Earthwork - SH 71 EB - Sta. 105+00 to 116+00	12	12	05-Nov-18	20-Nov-18	170																								
CEW8720	Earthwork - US 183 SB - Sta. 620+00 to 628+00 Outside	5	5	19-Dec-18	27-Dec-18	177																								
CEW4100	Earthwork - EB-NB and SB-WB DC Approach - Sta. 20+00 to 30+00	30	30	19-Nov-18	04-Jan-19	163																								
CEW3600	Earthwork - SH 71 EB - Sta. 135+00 to 148+00 (Middle)	5	5	24-Jul-19	30-Jul-19	8																								
CEW2580	Earthwork - US 183 SB to SH 71 EB Connector Tie-In - Sta. 11+00 to 24+00	4	4	31-Jul-19	05-Aug-19	32																								
CEW4400	Earthwork - SH 71 EB - Sta. 128+00 to 148+00 Outside	3	3	23-Aug-19	27-Aug-19	17																								
CEW2930	Earthwork - US 183 NB to SH 71 EB Ramp - Replace	3	3	30-Aug-19	04-Sep-19	8																								
<b>Landscaping</b>		50	50	15-Apr-19	02-Jul-19	30																								
<b>Special Aesthetic Landscape</b>		50	50	15-Apr-19	02-Jul-19	30																								
CLS-0180	Install Landscaping (SH 71)	50	50	15-Apr-19	02-Jul-19	30																								
<b>Subgrade Treatment and Base</b>		474	474	18-Sep-17	18-Sep-19	10																								
<b>Lime Treatment and Other</b>		463	463	05-Oct-17	18-Sep-19	10																								
CCB2510	Construct CTB - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+00 to 1	3	3	05-Oct-17	09-Oct-17	108																								
CCB2730	Construct CTB - SH 71 EB to US 183 NB Loop Ramp Tie-In	3	3	05-Oct-17	09-Oct-17	404																								
CCB2490	Construct CTB - SH 71 WB - Widen Inside to S. - Sta. 124+00 to 127+00	3	3	06-Oct-17	10-Oct-17	107																								
CCB2630	Construct CTB - SH 71 EB - Sta 120+00 to 128+50	3	3	06-Oct-17	10-Oct-17	64																								
CCB2480	Construct CTB - SH 71 WB - Widen Inside to S. - Sta. 128+00 to 132+50	3	3	11-Oct-17	13-Oct-17	104																								
CCB8640	Construct CTB - SH 71 WB Inside - Sta. 132+60 to 145+50	3	3	30-Oct-17	02-Nov-17	92																								
CCB2590	Construct CTB - US 183 SB to SH 71 EB Connector Tie-In - Sta. 28+00	3	3	17-Nov-17	21-Nov-17	54																								
CCB8660	Construct CTB - SH 71 EB - Sta 131+00 to 149+00 Inside	3	3	12-Dec-17	14-Dec-17	39																								
CCB2660	Construct CTB - SH 71 WB - Sta. 96+00 to 105+00	3	3	20-Dec-17	22-Dec-17	59																								
CCB0485	Construct CTB - SH 71 WB Plug - Sta. 127+00 to 128+00	3	3	22-Jan-18	24-Jan-18	398																								
CCB2910	Construct CTB - SH 71 EB - Sta 93+00 to 109+00	3	3	01-Feb-18	05-Feb-18	159																								
CCB2560	Construct CTB - SH 71 EB - Widen Outside to S. - Sta 128+50 to 135+00	5	5	02-Feb-18	08-Feb-18	357																								
CCB8550	Construct CTB - SH 71 WB - Sta 121+00 to 124+00	3	3	23-Feb-18	27-Feb-18	321																								
CCB2700	Construct CTB - EB-NB and SB-WB DC Approach - Sta 55+00 to 64+00	3	3	27-Feb-18	01-Mar-18	283																								
CCB2620	Construct CTB - US 183 NB - Sta. 593+00 to 599+00 Inside	3	3	28-Feb-18	02-Mar-18	310																								
CCB4000	Construct CTB - US 183 NB - Sta. 593+00 to 599+00 Outside	3	3	28-Mar-18	30-Mar-18	310																								
CCB2890	Construct CTB - SH 71 WB to US 183 NB Connector Tie-In - Sta 23+00	3	3	24-Apr-18	26-Apr-18	338																								
CCB8540	Construct CTB - SH 71 WB - Sta 114+00 to 117+00	3	3	07-May-18	10-May-18	274																								
CCB8730	Construct CTB - SH 71 WB - Sta 102+00 to 106+00	3	3	13-Jun-18	15-Jun-18	251																								

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone





Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CCP8660	Construct CRCP - SH 71 EB - Sta. 131+00 to 149+00 Inside	3	3	18-Dec-17	21-Dec-17	39												
CCP2660	Construct CRCP - SH 71 WB - Sta. 96+00 to 105+00	3	3	27-Dec-17	29-Dec-17	59												
CCP0485	Construct CRCP - SH 71 WB Plug - Sta. 127+00 to 128+00	4	4	26-Jan-18	31-Jan-18	398												
CCP2560	Construct CRCP - SH 71 EB - Widen Outside to S. - Sta. 128+50 to 135	7	7	12-Feb-18	21-Feb-18	357												
CCP2910	Construct CRCP - SH 71 EB - Sta. 93+00 to 109+00	4	4	22-Feb-18	27-Feb-18	149												
CCP2620	Construct CRCP - US 183 NB - Sta. 593+00 to 599+00 Inside	3	3	07-Mar-18	09-Mar-18	310												
CCP2700	Construct CRCP - EB-NB and SB-WB DC Approach - Sta. 55+00 to 64+	9	9	05-Mar-18	16-Mar-18	283												
CCP4000	Construct CRCP - US 183 NB - Sta. 593+00 to 599+00 Outside	4	4	04-Apr-18	09-Apr-18	310												
CCP2890	Construct CRCP - SH 71 WB to US 183 NB Connector Tie-In - Sta. 23+	3	3	30-Apr-18	02-May-18	338												
CCP8730	Construct CRCP - SH 71 WB - Sta. 102+00 to 106+00	3	3	20-Jun-18	22-Jun-18	251												
CCP8550	Construct CRCP - SH 71 WB - Sta. 121+00 to 124+00	3	3	29-Jun-18	03-Jul-18	245												
CCP2680	Construct CRCP - SH 71 WB to US 183 SB Loop Ramp - Sta. 100+00 to	3	3	05-Jul-18	09-Jul-18	237												
CCP8540	Construct CRCP - SH 71 WB - Sta. 114+00 to 117+00	3	3	10-Jul-18	12-Jul-18	239												
CCP2900	Construct CRCP - SH 71 WB - Sta. 132+00 to 145+00 Middle	3	3	25-Jul-18	27-Jul-18	228												
CCP2780	Construct CRCP - US 183 SB - Sta. 590+00 to 628+00 Inside	9	9	19-Sep-18	01-Oct-18	177												
CCP8570	Construct CRCP - SH 71 WB - Sta. 132+00 to 145+50 Outside (Incl. Pl	5	5	16-Nov-18	26-Nov-18	206												
CCP2790	Construct CRCP - SH 71 EB - Sta. 105+00 to 116+00	4	4	04-Dec-18	07-Dec-18	170												
CCP2740	Construct CRCP - US 183 SB - Sta. 590+00 to 620+00 Outside	9	9	29-Nov-18	11-Dec-18	177												
CCP8720	Construct CRCP - US 183 SB - Sta. 620+00 to 628+00 Outside	7	7	08-Jan-19	16-Jan-19	177												
CCP4100	Construct CRCP - EB-NB and SB-WB DC Approach - Sta. 20+00 to 30+	5	5	23-Jan-19	29-Jan-19	163												
CCP3600	Construct CRCP - SH 71 EB - Sta. 135+00 to 148+00 (Middle)	3	3	12-Aug-19	14-Aug-19	8												
CCP2580	Construct CRCP - US 183 SB to SH 71 EB Connector Tie-In - Sta. 11+0	3	3	15-Aug-19	19-Aug-19	32												
CCP4400	Construct CRCP - SH 71 EB - Sta. 128+00 to 148+00 Outside	3	3	09-Sep-19	11-Sep-19	17												
CCP2930	Construct CRCP - US 183 NB to SH 71 EB Ramp - Replace	9	9	20-Sep-19	03-Oct-19	8												
<b>Retaining Walls</b>		<b>230</b>	<b>230</b>	<b>19-Jul-17</b>	<b>09-Jul-18</b>	<b>239</b>												
<b>Wall 236</b>		<b>13</b>	<b>13</b>	<b>18-Jun-18</b>	<b>09-Jul-18</b>	<b>44</b>												
CWL236-050	Construct Wall 236 (MSE), Sta. 14+43 to 14+43, LT (Fill) (Incl. Rail)	10	10	18-Jun-18	03-Jul-18	44												
CWL236-090	Construct Wall Coping 236 (MSE), Sta. 14+43 to 14+43, LT	3	3	05-Jul-18	09-Jul-18	44												
<b>Wall 237</b>		<b>18</b>	<b>18</b>	<b>26-Jan-18</b>	<b>21-Feb-18</b>	<b>149</b>												
CWL237-050	Construct Wall 237 (S/N), Sta. 15+37 to 18+86, RT (Fill)	16	16	26-Jan-18	16-Feb-18	149												
CWL237-090	Construct Wall Coping 237 (S/N), Sta. 15+37 to 18+86, RT (Fill)	2	2	20-Feb-18	21-Feb-18	149												
<b>Wall 239</b>		<b>17</b>	<b>17</b>	<b>26-Oct-17</b>	<b>20-Nov-17</b>	<b>56</b>												
CWL239-050	Construct Wall 239 (MSE), Sta. 24+00 to 24+00, RT (Fill)	10	10	26-Oct-17	09-Nov-17	56												
CWL239-090	Construct Wall Coping 239 (MSE), Sta. 24+00 to 24+00, RT (Fill)	7	7	10-Nov-17	20-Nov-17	56												
<b>Wall 250</b>		<b>67</b>	<b>67</b>	<b>19-Jul-17</b>	<b>27-Oct-17</b>	<b>402</b>												
CWL263-050	Construct Wall 263 (MSE), Sta. 114+70 to 115+30, (Fill)	10	10	19-Jul-17	01-Aug-17	457												
CWL263-090	Construct Wall Coping 263 (MSE), Sta. 114+70 to 115+30, (Fill)	2	2	02-Aug-17	03-Aug-17	457												
CWL250-050	Construct Wall 250 (MSE), Sta. 27+00 to 28+00, LT (Fill)	10	10	11-Oct-17	25-Oct-17	56												
CWL250-090	Construct Wall Coping 250 (MSE), Sta. 27+00 to 28+00, LT (Fill)	2	2	26-Oct-17	27-Oct-17	71												
<b>Bridges</b>		<b>527</b>	<b>487</b>	<b>04-Apr-17 A</b>	<b>16-Jul-19</b>	<b>55</b>												
<b>46 US 183 SB to SH 71 EB</b>		<b>88</b>	<b>88</b>	<b>07-Jul-17</b>	<b>16-Nov-17</b>	<b>61</b>												
CBR46-0400	Drill Shafts - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 28+00	16	16	07-Jul-17	28-Jul-17	61												
CBR46-0550	Construct Abutments - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00	15	15	31-Jul-17	21-Aug-17	86												
CBR46-0450	Construct Column Ftg - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+0	15	15	31-Jul-17	21-Aug-17	61												
CBR46-0500	Construct Columns - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to	15	15	23-Aug-17	13-Sep-17	61												
CBR46-0600	Construct Caps - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 28	10	10	14-Sep-17	28-Sep-17	61												
CBR46-0700	Erect Beams - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 28+0	3	3	29-Sep-17	04-Oct-17	61												
CBR46-0800	Construct Deck - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 28	14	14	05-Oct-17	25-Oct-17	61												







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CBR56a-0610	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spa	35	35	13-Jul-18	04-Sep-18	60																								
CBR56a-0710	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spans	8	8	05-Sep-18	14-Sep-18	75																								
CBR56a-0830	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Spa	29	29	06-Aug-18	19-Sep-18	44																								
CBR56a-0930	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	20-Sep-18	11-Oct-18	189																								
CBR56a-0500	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (	90	90	12-Jun-18	26-Oct-18	8																								
CBR56a-0820	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Spa	29	29	20-Sep-18	02-Nov-18	44																								
CBR56a-0920	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	05-Nov-18	27-Nov-18	175																								
CBR56a-0810	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spa	29	29	05-Nov-18	17-Dec-18	44																								
CBR56a-0600	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spa	35	35	29-Oct-18	19-Dec-18	25																								
CBR56a-0700	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spans	8	8	20-Dec-18	03-Jan-19	34																								
CBR56b-0550	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (	45	45	29-Oct-18	07-Jan-19	8																								
CBR56a-0910	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	18-Dec-18	10-Jan-19	161																								
CBR56b-0650	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spa	25	25	08-Jan-19	11-Feb-19	15																								
CBR56a-0800	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spa	29	29	04-Jan-19	13-Feb-19	34																								
CBR56b-0750	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spans	6	6	12-Feb-19	20-Feb-19	30																								
CBR56b-0560	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (	32	32	08-Jan-19	21-Feb-19	8																								
CBR56a-0900	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	14-Feb-19	08-Mar-19	137																								
CBR56b-0850	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spa	19	19	21-Feb-19	21-Mar-19	30																								
CBR56b-0950	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	22-Mar-19	12-Apr-19	30																								
CBR56b-0660	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spa	40	40	22-Feb-19	24-Apr-19	8																								
CBR56b-0760	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spans	8	8	25-Apr-19	06-May-19	8																								
CBR56b-0860	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spa	29	29	08-May-19	21-Jun-19	8																								
CBR56b-0960	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	24-Jun-19	16-Jul-19	8																								
<b>Drainage</b>		<b>389</b>	<b>349</b>	<b>15-May-17 A</b>	<b>11-Jan-19</b>	<b>163</b>																								
<b>Storm Sewer</b>		<b>389</b>	<b>349</b>	<b>15-May-17 A</b>	<b>11-Jan-19</b>	<b>163</b>																								
CDR-2640	Construct Drainage - WNDC - Sta. 590+00 to 597+00 (CA3-O)	9	1	15-May-17 A	24-Jul-17	241																								
CDR-2540	Construct Drainage - SB - Sta 598+79 (CA3-E) Xing	4	4	07-Aug-17	11-Aug-17	64																								
CDR-2550	Construct Drainage - SB - Sta 598+80 to 601+50 (CA3-E)	3	3	14-Aug-17	16-Aug-17	64																								
CDR-0420	Construct Drainage - CA3-2 Pond - Sta. 605+00 to 605+00, SH71 Infill	6	6	17-Aug-17	25-Aug-17	64																								
CDR-2560	Construct Drainage - NBML - Sta. 607+79 to 608+36 (CA3-G) Pond	3	3	28-Aug-17	30-Aug-17	437																								
CDR-2570	Construct Drainage - SBML - Sta. 608+20 to 608+62 (CA3-G)	2	2	31-Aug-17	01-Sep-17	437																								
CDR-0430	Construct Drainage - CA3-3 Pond - Sta. 607+00 to 607+00, SH71 Infill	7	7	28-Aug-17	06-Sep-17	92																								
CDR-2610	Construct Drainage - WB - Sta. 130+06 to 130+15 (CA3-K)	2	2	07-Sep-17	08-Sep-17	92																								
CDR-2600	Construct Drainage - WNDC - Sta. 14+66 to 15+92 (CA3-J)	3	3	11-Sep-17	13-Sep-17	98																								
CDR-2690	Construct Drainage - WNDC - Sta. 16+18 to 16+65 (CA3-T)	2	2	14-Sep-17	15-Sep-17	98																								
CDR-2720	Construct Drainage - WB - Sta. 43+00 (CA3-Z)	2	2	18-Sep-17	20-Sep-17	98																								
CDR-2580	Construct Drainage - EB - Sta. 18+00 to 22+00 (CA3-H)	6	6	22-Sep-17	29-Sep-17	108																								
CDR-2590	Construct Drainage - EB - Sta. 125+00 to 128+00 (CA3-I)	23	23	28-Aug-17	29-Sep-17	64																								
CDR-2650	Construct Drainage - WB - Sta. 100+00 to 108+00 (CA3-P)	16	16	08-Dec-17	03-Jan-18	152																								
CDR-2660	Construct Drainage - EB - Sta. 108+00 to 112+00 (CA3-R)	6	6	04-Jan-18	11-Jan-18	362																								
CDR-2670	Construct Drainage - DC - Sta. 21+73 to 24+34 (CA3-S)	13	13	09-Jan-18	25-Jan-18	149																								
CDR-2620	Construct Drainage - NBML - Sta. 596+00 to 598+00 (CA3-L)	8	8	12-Feb-18	22-Feb-18	283																								
CDR-0440	Construct Drainage - Carson Creek Arch North SH 71	40	40	06-Feb-18	06-Apr-18	39																								
CDR-0410	Construct Drainage - CA3-1 Pond - Sta. 600+00 to 600+00, SH71 Infill	4	4	09-Apr-18	12-Apr-18	39																								
CDR-2630	Construct Drainage - WB - Sta. 135+72 to 143+10 (CA3-M)	8	8	03-Jul-18	13-Jul-18	228																								
CDR-2700	Construct Drainage - SBML - Sta. 604+25 to 605+46 (CA3-U)	3	3	02-Nov-18	06-Nov-18	177																								
CDR-2680	Construct Drainage - DC - Sta. 22+31 to 24+34 (CA3-S)	4	4	07-Jan-19	10-Jan-19	164																								

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CDR-2710	Construct Drainage - DC - Sta. 28+00 to 30+50 (CA3-V)	5	5	07-Jan-19	11-Jan-19	163												
<b>Traffic Control and Temporary Work</b>		<b>748</b>	<b>467</b>	<b>08-Aug-16 A</b>	<b>19-Sep-19</b>	<b>17</b>												
<b>Barricades, Signs and Traffic Handling</b>		<b>413</b>	<b>413</b>	<b>22-Dec-17</b>	<b>19-Sep-19</b>	<b>17</b>												
CTS3120	Move Barrier / Switch Traffic - US 183 SB to SH 71 EB	5	5	22-Dec-17	29-Dec-17	39												
CTS3080	Move Barrier / Switch Traffic - NB US 183 to Outside - Sta 590+00 to 59	5	5	18-Jan-18	24-Jan-18	283												
CTS2640	Move Barrier / Switch Traffic - SH 71 WB to SH 71 EB - Sta 103+00 to	5	5	30-Jan-18	05-Feb-18	39												
CTS2650	Move Barrier / Switch Traffic - Close SH 71 WB to SB US 183 Loop Ran	5	5	06-Feb-18	12-Feb-18	308												
CDM1048	Demo - SH 71 WB - Sta 103+00 to 124+00	10	10	06-Feb-18	20-Feb-18	197												
CDM2910	Demo - SH 71 WB Partial Detention Pond Wall - Sta 108+00 to 112+00	10	10	06-Feb-18	20-Feb-18	85												
CTS3190	Move Barrier / Switch Traffic - SH 71 EB - Sta 93+00 to 110+00	5	5	28-Feb-18	07-Mar-18	149												
CTS4000	Move Barrier / Switch Traffic - US 183 NB - Sta 593+00 to 599+00 Inside	5	5	12-Mar-18	16-Mar-18	310												
CTS10048	Move Barrier / Switch Traffic - SH 71 WB to US 183 NB	5	5	03-May-18	10-May-18	338												
CTS3060	Move Barrier / Switch Traffic - SB US 183 to Outside - Sta 590+00 to 62	5	5	02-Aug-18	09-Aug-18	177												
CTS3150	Move Barrier / Switch Traffic - Open SH 71 EB to US 183 NB Loop Ram	5	5	17-Aug-18	24-Aug-18	205												
CTS3130	Move Barrier / Switch Traffic - Open SH 71 WB to SB US 183 Loop Ran	5	5	27-Aug-18	31-Aug-18	205												
CTS3070	Move Barrier / Switch Traffic - SB US 183 to Inside - Sta 590+00 to 628+	5	5	03-Oct-18	09-Oct-18	177												
CTS3100	Move Barrier / Switch Traffic - Open SH 71 WB - Sta 106+00 to 130+00	5	5	26-Oct-18	02-Nov-18	170												
CTS3160	Move Barrier / Switch Traffic - Open SH 71 WB - Sta 103+00 to 145+00	5	5	27-Nov-18	03-Dec-18	206												
CTS3075	Move Barrier / Switch Traffic - Close SH 71 EB to US 183 SB Ramp	5	5	12-Dec-18	18-Dec-18	177												
CTS3140	Move Barrier / Switch Traffic - US 183 SB to SH 71 WB (Final)	5	5	17-Jul-19	23-Jul-19	55												
CTS3180	Move Barrier / Switch Traffic - Open SH 71 EB to US 183 NB Direct Cor	5	5	17-Jul-19	23-Jul-19	55												
CTS3165	Move Barrier / Switch Traffic - Close US 183 SB to SH 71 EB	5	5	17-Jul-19	23-Jul-19	8												
CTS3210	Move Barrier / Switch Traffic - Open SH 71 EB - Sta 113+00 to 126+00	5	5	15-Aug-19	22-Aug-19	8												
CTS3155	Move Barrier / Switch Traffic - US 183 SB to SH 71 EB (Final)	5	5	21-Aug-19	27-Aug-19	32												
CTS3170	Move Barrier / Switch Traffic - Close US 183 NB to SH 71 EB Ramp	5	5	23-Aug-19	29-Aug-19	8												
CTS3200	Move Barrier / Switch Traffic - Open SH 71 EB - Sta 100+00 to 148+00 (	5	5	12-Sep-19	19-Sep-19	17												
<b>Detour Construction / Removal</b>		<b>480</b>	<b>199</b>	<b>08-Aug-16 A</b>	<b>01-Aug-18</b>	<b>177</b>												
CCG2600	Clear/Grub/Removals - Temp Pave SH 71 WB to SH 71 EB X-over - St	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2610	Clear/Grub/Removals - Temp Pave SH 71 WB to EB X-over & EB Wide	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2540	Clear/Grub/Removals - Temp Pave US 183 SB to SH 71 EB Connector	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8560	Clear/Grub/Removals - Temp Pave US 183 NB - Sta. 593+00 to 599+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2985	Clear/Grub/Removals - Temp Pave SH 71 WB to WB FR X-over - Sta. !	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2995	Clear/Grub/Removals - Temp Pave SH 71 WB to US 183 NB - Sta. 25+	1	0	08-Aug-16 A	09-Aug-16 A													
CCG3005	Clear/Grub/Removals - Temp Pave SH 71 EB Inside - Sta. 132+60 to 14	1	0	08-Aug-16 A	09-Aug-16 A													
CCG3500	Clear/Grub/Removals - Temp Pave SB to EB Sta. 29+00 to 32+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG3700	Clear/Grub/Removals - Temp Pave X-over SH 71 EB - Sta. 98+00 to 10	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8650	Clear/Grub/Removals - Temp Pave SH 71 WB X-over - Sta. 133+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG3800	Clear/Grub/Removals - Temp Widening EB to NB - Sta. 19+00 to 27+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG0125	Clear/Grub/Removals - Temp Pave SH 71 EB - Sta. 111+00 to 117+00	2	0	08-Aug-16 A	10-Aug-16 A													
CCG4300	Clear/Grub/Removals - Temp Pave US 183 SB - Sta. 590+00 to 621+00	2	0	08-Aug-16 A	10-Aug-16 A													
CEW2995	Earthwork - Temp Pave SH 71 WB to US 183 NB - Sta. 25+00 to 147+0	6	6	29-Sep-17	09-Oct-17	92												
CSE2995	Construct Select - Temp Pave SH 71 WB to US 183 NB - Sta. 25+00 to	2	2	10-Oct-17	11-Oct-17	92												
CTP2995	Construct Temp Pave SH 71 WB to US 183 NB - Sta. 25+00 to 147+00	4	4	12-Oct-17	18-Oct-17	92												
CEW0125	Earthwork - Temp Pave SH 71 EB - Sta. 111+00 to 117+00	6	6	10-Nov-17	17-Nov-17	39												
CEW8710	Earthwork - Temp Pave SH 71 EB - Sta. 137+00 to 153+00	2	2	20-Nov-17	21-Nov-17	39												
CSE0125	Construct Select - Temp Pave SH 71 EB - Sta. 111+00 to 117+00	3	3	20-Nov-17	22-Nov-17	78												
CSE8710	Construct Select - Temp Pave SH 71 EB - Sta. 137+00 to 153+00	2	2	22-Nov-17	27-Nov-17	39												











Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020				
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2									
CBR35-04-0700.2	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 10)	3	3	07-Jul-17	11-Jul-17	58																					
CBR35-05-0410	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 11)	3	3	12-Jul-17	14-Jul-17	51																					
CBR35-06-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	2	2	14-Jul-17	17-Jul-17	49																					
CBR35-01-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 - Bei	15	15	28-Jun-17	19-Jul-17	62																					
CBR35-05-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 1'	12	12	16-Nov-16 A	21-Jul-17	51																					
CBR35-04-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9-10)	10	10	12-Jul-17	25-Jul-17	58																					
CBR35-05-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11-13)	14	14	13-Dec-16 A	28-Jul-17	51																					
CBR35-05-0700.1	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 12-13)	4	4	31-Jul-17	03-Aug-17	51																					
CBR35-05-0700.2	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11)	4	4	31-Jul-17	03-Aug-17	51																					
CBR35-06-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	15	15	18-Jul-17	07-Aug-17	49																					
CBR35-03-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6-8)	15	15	20-Jul-17	10-Aug-17	62																					
CBR35-05-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11-13)	15	15	04-Aug-17	28-Aug-17	51																					
CBR35-07-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 16-17)	15	15	09-Aug-17	30-Aug-17	49																					
CBR35-07-0900.1	Construct Rail/Surf. Trt - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent	15	15	31-Aug-17	22-Sep-17	49																					
CBR35-02-0410	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 4)	3	3	18-Oct-17	20-Oct-17	49																					
CBR35-02-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	4	4	16-Jun-17 A	03-Nov-17	31																					
CBR35-02-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-	13	13	02-Feb-17 A	16-Nov-17	31																					
CBR35-02-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	14	14	13-Mar-17 A	17-Nov-17	31																					
CBR35-02-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	15	15	06-Nov-17	28-Nov-17	31																					
CBR35-07-0900.2	Construct Rail/Surf. Trt - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent	10	10	29-Nov-17	12-Dec-17	31																					
<b>Traffic Control and Temporary Work</b>		<b>383</b>	<b>383</b>	<b>26-Jun-17</b>	<b>04-Feb-19</b>	<b>75</b>																					
<b>Barricades, Signs and Traffic Handling</b>		<b>383</b>	<b>383</b>	<b>26-Jun-17</b>	<b>04-Feb-19</b>	<b>75</b>																					
CTS3000	Move Barrier / Switch Traffic - Start 7th Street Detour	2	2	26-Jun-17	28-Jun-17	127																					
CTS3220	Move Barrier / Switch Traffic - Open Airport to SBML - Bridge 33	5	5	25-Sep-17	29-Sep-17	49																					
CTS10038	Move Barrier / Switch Traffic - Open 7th to SBML - Bridge 34, Bridge 35	5	5	20-Dec-17	27-Dec-17	27																					
CTS1690	Move Barrier / Switch Traffic - Open 5th to SBML - Bridge 35	5	5	09-Feb-18	15-Feb-18	27																					
CTS3020	Move Barrier / Switch Traffic - Close NB to Airport Blvd NB - Sta 514+00	5	5	11-Jun-18	15-Jun-18	12																					
CTS1600	Move Barrier / Switch Traffic - End Detour to Levander Loop / Airport	1	1	14-Sep-18	14-Sep-18	167																					
CTS3030	Move Barrier / Switch Traffic - Open NB to Airport Blvd NB - Sta 514+00	5	5	29-Jan-19	04-Feb-19	0																					
<b>Montopolis Drive</b>		<b>741</b>	<b>433</b>	<b>03-Aug-16 A</b>	<b>16-Sep-19</b>	<b>30</b>																					
<b>Removals</b>		<b>378</b>	<b>22</b>	<b>03-Aug-16 A</b>	<b>02-Mar-18</b>	<b>210</b>																					
<b>ROW Preparation</b>		<b>113</b>	<b>0</b>	<b>03-Aug-16 A</b>	<b>08-Aug-16 A</b>																						
CCG1410	Clear/Grub/Removals - Montopolis Dr EB	1	0	03-Aug-16 A	04-Aug-16 A																						
CCG1720	Clear/Grub/Removals - Montopolis Dr WB	3	0	03-Aug-16 A	08-Aug-16 A																						
<b>Roadway Removals</b>		<b>10</b>	<b>10</b>	<b>16-Feb-18</b>	<b>02-Mar-18</b>	<b>210</b>																					
CDM1770	Demo - Montopolis SB to WB Off-Ramp	10	10	16-Feb-18	02-Mar-18	210																					
<b>Bridge Removals</b>		<b>10</b>	<b>10</b>	<b>31-Jan-18</b>	<b>13-Feb-18</b>	<b>3</b>																					
CDM1360	Demo - Montopolis to NB 183 Bridge - Sta 530+00 to 530+00	10	10	31-Jan-18	13-Feb-18	3																					
<b>Earthwork</b>		<b>19</b>	<b>19</b>	<b>17-Nov-17</b>	<b>15-Dec-17</b>	<b>50</b>																					
<b>Excavation</b>		<b>19</b>	<b>19</b>	<b>17-Nov-17</b>	<b>15-Dec-17</b>	<b>50</b>																					
CEW1720	Earthwork - Montopolis Dr WB	10	10	17-Nov-17	04-Dec-17	59																					
CEW1410	Earthwork - Montopolis Dr EB	5	5	11-Dec-17	15-Dec-17	21																					
<b>Landscaping</b>		<b>50</b>	<b>50</b>	<b>03-Jul-19</b>	<b>16-Sep-19</b>	<b>30</b>																					
<b>Special Aesthetic Landscape</b>		<b>50</b>	<b>50</b>	<b>03-Jul-19</b>	<b>16-Sep-19</b>	<b>30</b>																					
CLS-0170	Install Landscaping (Montopolis Dr)	50	50	03-Jul-19	16-Sep-19	30																					
<b>Subgrade Treatment and Base</b>		<b>8</b>	<b>8</b>	<b>09-Jan-18</b>	<b>18-Jan-18</b>	<b>34</b>																					
<b>Lime Treatment and Other</b>		<b>6</b>	<b>6</b>	<b>11-Jan-18</b>	<b>18-Jan-18</b>	<b>34</b>																					
CCB1410	Construct CTB - Montopolis Dr EB	3	3	11-Jan-18	15-Jan-18	8																					



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBB0960	Construct Fast Track Asphalt - MLK EB Lanes	4	4	07-Aug-17	11-Aug-17	290												
<b>Concrete Pavement</b>		103	53	18-Mar-17 A	13-Sep-17	276												
CCP0840	Construct CRCP - MLK WB Lanes	6	0	18-Mar-17 A	21-Jun-17 A													
CCP8760	Construct CRCP (All Work) - MLK WB Lanes - GP Plugs	8	8	22-Jun-17 A	07-Jul-17	26												
CCP8750	Construct CRCP (All Work) - Widen MLK EB Lanes	15	15	11-Jul-17	31-Jul-17	91												
CCP0960	Construct CRCP - MLK EB Lanes	7	7	05-Sep-17	13-Sep-17	276												
<b>Retaining Walls</b>		186	85	01-Dec-16 A	05-Dec-17	213												
<b>Wall 143</b>		175	74	01-Dec-16 A	16-Nov-17	12												
CWL143-050	Construct Wall 143 (S/N), Sta. 341+00 to 350+00, RT	25	42	01-Dec-16 A	28-Sep-17	12												
CWL143-60	Construct Wall 143 (Fascia), Sta. 341+00 to 350+00, RT	25	25	29-Sep-17	07-Nov-17	12												
CWL143-090	Construct Wall Coping 143, Sta. 341+00 to 350+00, RT	7	7	08-Nov-17	16-Nov-17	12												
<b>Wall 145</b>		161	81	15-Dec-16 A	05-Dec-17	30												
CWL145-60	Construct Wall 145 (S/N), Sta. 341+00 to 350+00, LT	25	53	15-Dec-16 A	23-Oct-17	30												
CWL145-50	Construct Wall 145 (Fascia), Sta. 341+00 to 350+00, LT	20	20	24-Oct-17	21-Nov-17	30												
CWL145-090	Construct Wall Coping 145, Sta. 341+00 to 350+00, LT	8	8	22-Nov-17	05-Dec-17	30												
<b>Wall 146</b>		22	22	14-Sep-17	18-Oct-17	244												
CWL146-050	Construct Wall 146 (MSE), Sta. 2346+29 to 2353+65, LT	18	18	14-Sep-17	11-Oct-17	2												
CWL146-090	Construct Wall Coping 146 (MSE), Sta. 2346+29 to 2353+65, LT	4	4	12-Oct-17	18-Oct-17	244												
<b>Bridges</b>		375	111	01-Jul-16 A	24-Jan-18	190												
<b>13 MLK Over US 183</b>		375	111	01-Jul-16 A	24-Jan-18	190												
CBR13a-0400	Drill Shafts - Bridge 13a (MLK Over US 183) Partial WB (N Side) - Sta. 3	8	0	01-Jul-16 A	22-Sep-16 A													
CBR13a-0550	Construct Abutments - Bridge 13a (MLK Over US 183) Partial WB (N Si	15	0	26-Sep-16 A	13-Oct-16 A													
CBR13a-0500	Construct Columns - Bridge 13a (MLK Over US 183) Partial WB (N Sid	20	0	21-Sep-16 A	02-Nov-16 A													
CBR13a-0600	Construct Caps - Bridge 13a (MLK Over US 183) Partial WB (N Side) -	7	0	14-Oct-16 A	29-Nov-16 A													
CBR13a-0700	Erect Beams - Bridge 13a (MLK Over US 183) Partial WB (N Side) - Sta	4	0	11-Jan-17 A	12-Jan-17 A													
CBR13a-0800	Construct Deck - Bridge 13a (MLK Over US 183) Partial WB (N Side) -	18	0	03-Feb-17 A	02-May-17 A													
CBR13a-0900	Construct Rail/Surf. Trt - Bridge 13a (MLK Over US 183) Partial WB (N	15	0	03-May-17 A	05-May-17 A													
CBR13b-0400	Drill Shafts - Bridge 13b (MLK Over US 183) Partial EB (S Side) - Sta. 3	20	20	07-Aug-17	06-Sep-17	12												
CBR13b-0600	Construct Caps - Bridge 13b (MLK Over US 183) Partial EB (S Side) -	10	10	30-Aug-17	13-Sep-17	200												
CBR13b-0550	Construct Abutments - Bridge 13b (MLK Over US 183) Partial EB (S Sid	15	15	07-Sep-17	28-Sep-17	190												
CBR13b-0700	Erect Beams - Bridge 13b (MLK Over US 183) Partial EB (S Side) - Sta.	6	6	29-Sep-17	09-Oct-17	190												
CBR13b-0500	Construct Columns - Bridge 13b (MLK Over US 183) Partial EB (S Side)	40	40	15-Aug-17	13-Oct-17	200												
CBR13b-0800	Construct Deck - Bridge 13b (MLK Over US 183) Partial EB (S Side) -	30	30	10-Oct-17	22-Nov-17	190												
CBR13b-0900	Construct Rail/Surf. Trt - Bridge 13b (MLK Over US 183) Partial EB (S S	15	15	27-Nov-17	15-Dec-17	190												
CBR13b-0950	Construct Sidewalk on Deck - Bridge 13b (MLK Over US 183) Partial EI	25	25	18-Dec-17	24-Jan-18	190												
<b>Traffic Control and Temporary Work</b>		402	136	25-Apr-16 A	31-Jan-18	190												
<b>Barricades, Signs and Traffic Handling</b>		136	136	10-Jul-17	31-Jan-18	190												
CTS0920	Move Barrier / Switch Traffic - MLK EB to WB (1-Lane Ea. Direction) - S	1	1	10-Jul-17	10-Jul-17	26												
CTS10058	Move Barrier / Switch Traffic - MLK EB to WB (2-Lane Ea. Direction) (U	2	2	01-Aug-17	02-Aug-17	91												
CTS2720	Move Barrier / Switch Traffic - SBGP Outside (MLK On/Off Ramps) - St	5	5	25-Oct-17	01-Nov-17	5												
CTS0850	Move Barrier / Switch Traffic - NBGP Outside (MLK On/Off Ramps) - St	5	5	17-Nov-17	27-Nov-17	2												
CTS2710	Move Barrier / Switch Traffic - Open MLK to Traffic (Final) - Sta 320+00	5	5	25-Jan-18	31-Jan-18	190												
<b>Detour Construction / Removal</b>		305	10	25-Apr-16 A	04-Aug-17	69												
CCG0810	Clear/Grub/Removals - Temp Pave NB On/Off Rmps to MLK (2) - Sta. 3	2	0	23-May-16 A	10-Jun-16 A													
CCG2960	Clear/Grub/Removals - Temp Pave SB On/Off Rmps to MLK (2) - Sta. 3	2	0	25-Apr-16 A	24-Jun-16 A													
CSE2960	Construct Select - Temp Pave SB On/Off Rmps to MLK (2) - Sta. 320+0	2	2	01-Jun-17 A	25-Jul-17	62												
CEW2960	Earthwork - Temp Pave SB On/Off Rmps to MLK (2) - Sta. 320+00 to 37	6	3	07-Feb-17 A	26-Jul-17	62												
CTP2960	Construct Temp Pave SB On/Off Rmps to MLK (2) - Sta 320+00 to 370+	2	2	26-Jul-17	27-Jul-17	62												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CEW0810	Earthwork - Temp Pave NB On/Off Rmps to MLK (2) - Sta. 320+00 to 320+05	6	6	07-Feb-17 A	31-Jul-17	69												
CSE0810	Construct Select - Temp Pave NB On/Off Rmps to MLK (2) - Sta. 320+00 to 320+05	2	2	01-Aug-17	02-Aug-17	69												
CTP0810	Construct Temp Pave NB On/Off Rmps to MLK (2) - Sta 320+00 to 370+00	2	2	03-Aug-17	04-Aug-17	69												
<b>Signals and Illumination</b>		<b>132</b>	<b>35</b>	<b>16-Feb-17 A</b>	<b>13-Sep-17</b>	<b>276</b>												
<b>Traffic Signals</b>		<b>132</b>	<b>35</b>	<b>16-Feb-17 A</b>	<b>13-Sep-17</b>	<b>276</b>												
CTI-3020	Construct Temp Signals - MLK/FM969	20	0	27-Feb-17 A	09-Mar-17 A													
CPI-3020	Construct Perm. Signals - MLK/FM969	40	35	16-Feb-17 A	13-Sep-17	72												
<b>Loyola Lane</b>		<b>621</b>	<b>368</b>	<b>11-Jul-16 A</b>	<b>19-Feb-19</b>	<b>55</b>												
<b>Removals</b>		<b>142</b>	<b>0</b>	<b>11-Jul-16 A</b>	<b>15-Jul-16 A</b>													
<b>ROW Preparation</b>		<b>142</b>	<b>0</b>	<b>11-Jul-16 A</b>	<b>15-Jul-16 A</b>													
CCG0110	Clear/Grub/Removals - Loyola EB Lanes (East Side Only)	2	0	11-Jul-16 A	13-Jul-16 A													
CCG0440	Clear/Grub/Removals - Loyola (West Side) and WB Lanes (East Side)	1	0	12-Jul-16 A	15-Jul-16 A													
<b>Earthwork</b>		<b>41</b>	<b>41</b>	<b>02-Aug-17</b>	<b>04-Oct-17</b>	<b>98</b>												
<b>Excavation</b>		<b>41</b>	<b>41</b>	<b>02-Aug-17</b>	<b>04-Oct-17</b>	<b>98</b>												
CEW8740	Earthwork - Loyola WB Lanes (East Side)	7	7	02-Aug-17	11-Aug-17	60												
CEW0110	Earthwork - Loyola EB Lanes (East Side Only)	4	4	05-Sep-17	08-Sep-17	98												
CEW0440	Earthwork - Loyola (West Side)	7	7	25-Sep-17	04-Oct-17	98												
<b>Landscaping</b>		<b>50</b>	<b>50</b>	<b>04-Sep-18</b>	<b>19-Feb-19</b>	<b>55</b>												
<b>Special Aesthetic Landscape</b>		<b>50</b>	<b>50</b>	<b>04-Sep-18</b>	<b>19-Feb-19</b>	<b>55</b>												
CLS-0110	Install Landscaping (Loyola Lane)	50	50	04-Sep-18	19-Feb-19	55												
<b>Pavement</b>		<b>46</b>	<b>46</b>	<b>14-Aug-17</b>	<b>23-Oct-17</b>	<b>126</b>												
<b>Asphalt Pavement</b>		<b>37</b>	<b>37</b>	<b>14-Aug-17</b>	<b>09-Oct-17</b>	<b>126</b>												
CBB8740	Construct Fast Track Asphalt - Loyola WB Lanes (East Side)	3	3	14-Aug-17	16-Aug-17	98												
CBB0110	Construct Fast Track Asphalt - Loyola EB Lanes (East Side Only)	3	3	11-Sep-17	13-Sep-17	98												
CBB0440	Construct Fast Track Asphalt - Loyola (West Side)	3	3	05-Oct-17	09-Oct-17	126												
<b>Concrete Pavement</b>		<b>43</b>	<b>43</b>	<b>17-Aug-17</b>	<b>23-Oct-17</b>	<b>126</b>												
CCP8740	Construct CRCP - Loyola WB Lanes (East Side)	9	9	17-Aug-17	30-Aug-17	98												
CCP0110	Construct CRCP - Loyola EB Lanes (East Side Only)	6	6	14-Sep-17	22-Sep-17	98												
CCP0440	Construct CRCP - Loyola (West Side)	9	9	10-Oct-17	23-Oct-17	126												
<b>Bridges</b>		<b>120</b>	<b>120</b>	<b>02-Feb-18</b>	<b>06-Aug-18</b>	<b>64</b>												
<b>5 Loyola Over US 183 Mainlanes</b>		<b>120</b>	<b>120</b>	<b>02-Feb-18</b>	<b>06-Aug-18</b>	<b>64</b>												
CBR05-0400	Drill Shafts - Bridge 05 (Loyola Over US 183) - Sta. 279+00	30	30	02-Feb-18	19-Mar-18	64												
CBR05-0550	Construct Abutments - Bridge 05 (Loyola Over US 183) - Sta. 279+00	15	15	21-Mar-18	11-Apr-18	84												
CBR05-0500	Construct Columns - Bridge 05 (Loyola Over US 183) - Sta. 279+00	50	50	09-Feb-18	26-Apr-18	64												
CBR05-0600	Construct Caps - Bridge 05 (Loyola Over US 183) - Sta. 279+00	20	20	12-Apr-18	11-May-18	64												
CBR05-0700	Erect Beams - Bridge 05 (Loyola Over US 183) - Sta. 279+00	10	10	14-May-18	29-May-18	64												
CBR05-0800	Construct Deck - Bridge 05 (Loyola Over US 183) - Sta. 279+00	25	25	30-May-18	09-Jul-18	64												
CBR05-0900	Construct Rail/Surf. Trt - Bridge 05 (Loyola Over US 183) - Sta. 279+00	15	15	10-Jul-18	30-Jul-18	64												
CBR05-0950	Construct Sidewalk on Deck - Bridge 05 (Loyola Over US 183) - Sta. 279+00	5	5	31-Jul-18	06-Aug-18	64												
<b>Traffic Control and Temporary Work</b>		<b>226</b>	<b>226</b>	<b>31-Aug-17</b>	<b>14-Aug-18</b>	<b>64</b>												
<b>Barricades, Signs and Traffic Handling</b>		<b>226</b>	<b>226</b>	<b>31-Aug-17</b>	<b>14-Aug-18</b>	<b>64</b>												
CTS2660	Move Barrier / Switch Traffic - Loyola Traffic Flip, Eastbound to Westbound	2	2	31-Aug-17	01-Sep-17	98												
CTS2670	Move Barrier / Switch Traffic - Loyola Open (Except Bridge)	5	5	24-Oct-17	30-Oct-17	126												
CTS1008	Move Barrier / Switch Traffic - Loyola Close to Thru Traffic	1	1	02-Feb-18	02-Feb-18	12												
CTS2730	Move Barrier / Switch Traffic - Loyola Open (Final)	5	5	08-Aug-18	14-Aug-18	64												
<b>Signals and Illumination</b>		<b>45</b>	<b>45</b>	<b>02-Aug-17</b>	<b>10-Oct-17</b>	<b>134</b>												
<b>Traffic Signals</b>		<b>45</b>	<b>45</b>	<b>02-Aug-17</b>	<b>10-Oct-17</b>	<b>134</b>												
CPI-3010	Construct Perm. Signals - Loyola Lane	40	40	02-Aug-17	02-Oct-17	60												
CTI-3010	Construct Temp Signals - Loyola Lane	20	20	11-Sep-17	10-Oct-17	134												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020			
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
<b>Manor / Springdale Road</b>		555	267	05-Apr-16 A	09-Aug-18	291														
<b>Removals</b>		110	0	10-May-16 A	15-Jul-16 A															
<b>ROW Preparation</b>		110	0	10-May-16 A	15-Jul-16 A															
CCG0280	Clear/Grub/Removals - NB to SB U-Turn Under Springdale/Manor Bridge	1	0	10-May-16 A	10-May-16 A															
CCG0290	Clear/Grub/Removals - SB to NB U-Turn Under Springdale/Manor Bridge	1	0	10-May-16 A	10-May-16 A															
CCG0340	Clear/Grub/Removals - Springdale/Manor Rd, On/Off Ramp Tie-Ins to th	1	0	12-Jul-16 A	13-Jul-16 A															
CCG0270	Clear/Grub/Removals - Springdale/Manor Rd, EB Lanes	3	0	12-Jul-16 A	15-Jul-16 A															
CCG0480	Clear/Grub/Removals - Springdale/Manor Rd WB	3	0	12-Jul-16 A	15-Jul-16 A															
<b>Earthwork</b>		79	6	30-Jan-17 A	31-Jul-17	298														
<b>Excavation</b>		79	6	30-Jan-17 A	31-Jul-17	298														
CEW0480	Earthwork - Springdale/Manor Rd WB	4	0	30-Jan-17 A	23-Apr-17 A															
CEW0270	Earthwork - Springdale/Manor Rd, EB Lanes	5	0	08-May-17 A	19-May-17 A															
CEW0290	Earthwork - SB to NB U-Turn Under Springdale/Manor Bridge	5	0	22-Mar-17 A	19-May-17 A															
CEW0280	Earthwork - NB to SB U-Turn Under Springdale/Manor Bridge	5	0	04-Apr-17 A	15-Jun-17 A															
CEW0340	Earthwork - Springdale/Manor Rd, On/Off Ramp Tie-Ins to the N.	3	6	30-Jan-17 A	31-Jul-17	298														
<b>Landscaping</b>		50	50	09-Feb-18	26-Apr-18	297														
<b>Special Aesthetic Landscape</b>		50	50	09-Feb-18	26-Apr-18	297														
CLS-0105	Install Landscaping (Manor Road/Springdale Road)	50	50	09-Feb-18	26-Apr-18	297														
<b>Pavement</b>		143	50	01-Feb-17 A	08-Sep-17	284														
<b>Asphalt Pavement</b>		102	3	01-Feb-17 A	03-Aug-17	298														
CBB0480	Construct Fast Track Asphalt - Springdale/Manor Rd WB	4	0	01-Feb-17 A	21-Apr-17 A															
CBB0270	Construct Fast Track Asphalt - Springdale/Manor Rd, EB Lanes	4	0	07-May-17 A	09-May-17 A															
CBB0290	Construct Fast Track Asphalt - SB to NB U-Turn Under Springdale/Man	3	0	11-May-17 A	11-May-17 A															
CBB0280	Construct Fast Track Asphalt - NB to SB U-Turn Under Springdale/Man	3	0	15-Jun-17 A	15-Jun-17 A															
CBB0340	Construct Fast Track Asphalt - Springdale/Manor Rd, On/Off Ramp Tie-	3	3	01-Aug-17	03-Aug-17	298														
<b>Concrete Pavement</b>		139	31	10-Feb-17 A	10-Aug-17	298														
CCP0480	Construct CRCP - Springdale/Manor Rd WB Lanes	6	0	10-Feb-17 A	02-May-17 A															
CCP0270	Construct CRCP - Springdale/Manor Rd EB Lanes	6	0	09-May-17 A	31-May-17 A															
CCP0290	Construct CRCP - SB to NB U-Turn Under Springdale/Manor Bridge	4	0	08-Jun-17 A	24-Jun-17 A															
CCP0280	Construct CRCP - NB to SB U-Turn Under Springdale/Manor Bridge	4	4	16-Jun-17 A	30-Jun-17	318														
CCP0340	Construct CRCP - Springdale/Manor Rd, On/Off Ramp Tie-Ins to the N.	4	4	04-Aug-17	10-Aug-17	298														
<b>Sidewalks and Median Paving</b>		15	15	17-Aug-17	08-Sep-17	284														
CSU-1010	Construct SUP Conc Pave - NB - Sta. 205+00 to 230+00 (Springdale/Mi	5	5	30-Aug-17	06-Sep-17	286														
CSW-0005	Construct Sidewalk - SB - Sta 205+00 to 230+00 (Springdale/Manor)	13	13	17-Aug-17	06-Sep-17	193														
CSU-0015	Construct SUP FG/ Place Class I - NB - Sta. 198+00 to 230+00 (Spring	15	15	17-Aug-17	08-Sep-17	179														
<b>Retaining Walls</b>		475	267	28-Jul-16 A	09-Aug-18	57														
<b>Wall 109</b>		211	42	28-Jul-16 A	28-Aug-17	36														
CWL109-050	Construct Wall 109 (S/N), Sta. 12+00 to 15+00, SBML	20	0	28-Jul-16 A	18-Nov-16 A															
CWL109-090	Construct Wall Coping 109, Sta. 12+00 to 15+00, SBML	5	5	02-Mar-17 A	18-Aug-17	36														
CWL109-060	Construct Wall 109 (MSE), Sta. 12+00 to 15+00, SBML	10	10	24-Feb-17 A	28-Aug-17	36														
CWL109-90	Construct Wall 109 (Fascia), Sta. 12+00 to 15+00, SBML	10	42	03-Jan-17 A	28-Aug-17	36														
<b>Wall 109A</b>		13	13	26-Sep-17	13-Oct-17	10														
CWL109A-050	Construct Wall 109A (MSE), Sta. 2320+67 to 2322+27, LT	10	10	26-Sep-17	10-Oct-17	10														
CWL109A-090	Construct Wall Coping 109A (MSE), Sta. 2320+67 to 2322+27, LT	3	3	11-Oct-17	13-Oct-17	10														
<b>Wall 113</b>		105	58	05-Dec-16 A	21-Sep-17	44														
CWL113-050	Construct Wall 113 (S/N), Sta. 15+09 to 15+09, LT	25	10	05-Dec-16 A	11-Jul-17	50														
CWL113-090	Construct Wall Coping 113, Sta. 15+09 to 15+09, LT	4	1	07-Mar-17 A	07-Aug-17	44														
CWL113-90	Construct Wall 113 (Fascia), Sta. 15+09 to 15+09, LT	10	52	25-Jan-17 A	12-Sep-17	50														

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Rev.01		183S - Master Schedule					15-Aug-17 09:55											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
CWL113-060	Construct Wall 113 (MSE), Sta. 15+00 to 15+09, SBML	10	30	02-Mar-17 A	21-Sep-17	44												
<b>Wall 113A</b>		13	13	23-Jul-18	09-Aug-18	57												
CWL113A-050	Construct Wall 113A (MSE), Sta. 230+30 to 242+00, LT	10	10	23-Jul-18	03-Aug-18	27												
CWL113A-090	Construct Wall Coping 113A (MSE), Sta. 230+30 to 242+00, LT	3	3	06-Aug-18	09-Aug-18	57												
<b>Bridges</b>		351	93	07-May-16 A	14-Nov-17	236												
<b>1 NBML Over Manor/Springdale</b>		349	91	07-May-16 A	10-Nov-17	238												
CBR01-0400	Drill Shafts - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+00	16	0	07-May-16 A	22-Jun-16 A													
CBR01-0500	Construct Columns - Bridge 01 (NBML Over Springdale/Manor) Retrofit	30	0	11-Aug-16 A	01-Dec-16 A													
CBR01-0600	Construct Caps - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+	10	0	21-Sep-16 A	01-Dec-16 A													
CBR01-0550	Construct Abutments - Bridge 01 (NBML Over Springdale/Manor) Retro	20	0	31-Oct-16 A	16-Dec-16 A													
CBR01-0700	Erect Beams - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+00	5	0	14-May-17 A	15-May-17 A													
CBR01-0800	Construct Deck - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+	20	20	12-Jun-17 A	25-Jul-17	155												
CBR01-0900	Construct Rail/Surf. Trt - Bridge 01 (NBML Over Springdale/Manor) - St	15	15	26-Jul-17	16-Aug-17	155												
CBR01-1000	Construct Deck Overlay - Bridge 01 (NBML Over Springdale/Manor)	20	20	12-Oct-17	10-Nov-17	238												
<b>2 SBML Over Manor/Springdale</b>		335	93	13-Jun-16 A	14-Nov-17	102												
CBR02-0400	Drill Shafts - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+00	16	0	13-Jun-16 A	20-Jun-16 A													
CBR02-0550	Construct Abutments - Bridge 02 (SBML Over Springdale/Manor) - Sta.	20	0	15-Sep-16 A	07-Oct-16 A													
CBR02-0600	Construct Caps - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+	10	0	31-Oct-16 A	30-Nov-16 A													
CBR02-0500	Construct Columns - Bridge 02 (SBML Over Springdale/Manor) - Sta. 2:	30	0	14-Sep-16 A	01-Dec-16 A													
CBR02-0700	Erect Beams - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+00	5	0	15-Mar-17 A	16-Mar-17 A													
CBR02-0800	Construct Deck - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+	20	20	17-Apr-17 A	25-Jul-17	67												
CBR02-0900	Construct Rail/Surf. Trt - Bridge 02 (SBML Over Springdale/Manor) - St	15	15	26-Jul-17	16-Aug-17	67												
CBR02-1000	Construct Deck Overlay - Bridge 02 (SBML Over Springdale/Manor)	20	20	16-Oct-17	14-Nov-17	102												
<b>Traffic Control and Temporary Work</b>		398	5	10-May-16 A	08-Feb-18	184												
<b>Barricades, Signs and Traffic Handling</b>		230	5	20-Jan-17 A	08-Feb-18	184												
CTS0310	Move Barrier / Switch Traffic - Springdale/Manor Rd WB to EB	5	0	20-Jan-17 A	26-Jan-17 A													
CTS0260	Move Barrier / Switch Traffic - Springdale/Manor Rd EB to WB	5	0	03-May-17 A	07-May-17 A													
CTS0580	Move Barrier / Switch Traffic - Open US 183 Mainlines - Sta 210+00 to 2	5	5	02-Feb-18	08-Feb-18	184												
<b>Detour Construction / Removal</b>		19	0	10-May-16 A	16-Jul-16 A													
CTP0090	Construct Temp Widening for WB - Springdale/Manor Rd	1	0	07-Jul-16 A	07-Jul-16 A													
CCG0090	Clear/Grub/Removals - Springdale/Manor Rd, Temp Widening for WB	1	0	10-May-16 A	09-Jul-16 A													
CEW0090	Earthwork - Springdale/Manor Rd, Temp Widening for WB	2	0	11-Jul-16 A	16-Jul-16 A													
CSE0090	Construct Select - Springdale/Manor Rd, Temp Widening for WB	3	0	16-Jul-16 A	16-Jul-16 A													
<b>Signals and Illumination</b>		127	26	24-Jun-16 A	02-Aug-17	308												
<b>Traffic Signals</b>		127	26	24-Jun-16 A	02-Aug-17	308												
CTI-3000	Construct Temp Signals - Springdale/Manor Road	20	0	24-Jun-16 A	02-Sep-16 A													
CPI-3000	Construct Perm. Signals - Springdale/Manor Road	40	26	27-Oct-16 A	02-Aug-17	308												
<b>Hazardous Materials</b>		33	0	05-Apr-16 A	10-May-16 A													
<b>Remediation</b>		33	0	05-Apr-16 A	10-May-16 A													
CBR01-1010	Asbestos Abatement - (Springdale/Manor) NB	20	0	05-Apr-16 A	10-May-16 A													
CBR02-1010	Asbestos Abatement - (Springdale/Manor) SB	20	0	05-Apr-16 A	10-May-16 A													

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone

Exhibit F – Critical Path for Project Schedule with Change  
(Time Impact Analysis)

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>183 South Project (PBS-2) SU21 Time Impact Analysis</b>		1064	640	10-Sep-15 A	02-Mar-20	0												
<b>Project Administration</b>		1064	640	10-Sep-15 A	02-Mar-20	0												
ADMIN-050	NTP 1 (9/10/15)	0	0	10-Sep-15 A														
ADMIN-500	NTP 2 (11/30/15)	0	0	30-Nov-15 A														
ADMIN-970	Interim Completion (9/10/15 NTP 1 +1,190d; 12-13-18)	0	0		03-May-19*	-141												
ADMIN-960	Substantial Completion (9/10/15 NTP 1 +1,515d; 11-03-19)	0	0		03-Nov-19*	0												
ADMIN-910	Final Acceptance (SC +120d)	0	0		02-Mar-20	0												
<b>Mobilization</b>		537	0	10-Sep-15 A	18-Feb-17 A													
<b>Developer</b>		537	0	10-Sep-15 A	18-Feb-17 A													
ADMIN-001	Mobilization (Initial Payment) (1 of 3) 2.5% of D/B Price	1	0	10-Sep-15 A	10-Sep-15 A													
ADMIN-002	Mobilization (Middle Payment) (2 of 3) 5% of D/B Price	1	0	23-Jan-16 A	23-Jan-16 A													
ADMIN-003	Mobilization (Final Payment) (3 of 3) 2.5% of of D/B Price	1	0	18-Feb-17 A	18-Feb-17 A													
<b>Submittals and Permitting</b>		1002	578	10-Sep-15 A	03-Dec-19	62												
<b>Central Texas Regional Mobility Authority (CTRMA)</b>		1002	578	10-Sep-15 A	03-Dec-19	62												
<b>Bonds &amp; Insurance</b>		678	20	14-Sep-15 A	18-Jul-17	838												
ADMIN-140	Submit Proof of Bonds and Insurance to the Mobility Authority	2	0	14-Sep-15 A	15-Sep-15 A													
ADMIN-995	Payment for Bonds	20	0	10-Oct-15 A	20-Oct-15 A													
ADMIN-996	Payment for Insurance (Initial Payment)	20	0	10-Oct-15 A	20-Oct-15 A													
ADMIN-996b	Payment for Insurance (Builder's Risk)	20	0	04-Apr-16 A	04-Apr-16 A													
ADMIN-996c	Payment for Insurance (2017 Premiums)	20	0	01-Sep-16 A	01-Sep-16 A													
ADMIN-996c-R	Payment for Insurance (Remainder for Annual Premiums)	20	20	29-Jun-17	18-Jul-17	512												
<b>Project Office Set-Up</b>		35	0	10-Sep-15 A	22-Apr-16 A													
ADMIN-190	CRC Set Up Facilities for Staff, RMA, Lab; Mobilize Prof. Services Staff	35	0	10-Sep-15 A	22-Apr-16 A													
<b>Project Management Plan (PMP)</b>		166	0	10-Sep-15 A	13-Apr-16 A													
ADMIN-006a	CRC Develop and Submit DQMP	10	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-006	CRC Develop and Submit Expanded Project Mgt. Plan (PMP) (Expt. DC	10	0	10-Sep-15 A	05-Jan-16 A													
ADMIN-007a	CTRMA Review/Approve DQMP	20	0	05-Oct-15 A	22-Jan-16 A													
ADMIN-007	CTRMA Review/Approve Project Management Plan (PMP)	20	0	17-Mar-16 A	13-Apr-16 A													
<b>Project Baseline Schedule</b>		34	0	10-Sep-15 A	27-Oct-15 A													
ADMIN-039	CRC Develop and Submit PBS-2 Schedule	18	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-040	CRC Develop and Submit Schedule of Values (SOV)	18	0	10-Sep-15 A	02-Oct-15 A													
ADMIN-041	CTRMA Review/Approve PBS-2 Schedule and Schedule of Values	20	0	05-Oct-15 A	27-Oct-15 A													
<b>Website Development</b>		126	0	10-Sep-15 A	15-Mar-16 A													
ADMIN-037	CRC Develop and Submit Schematic Maps, Contact Info, Fact Sheets fr	15	0	10-Sep-15 A	15-Jan-16 A													
ADMIN-038	CTRMA Review/Approve Website Material	20	0	22-Feb-16 A	15-Mar-16 A													
<b>Environmental Contact Tree</b>		73	0	10-Sep-15 A	12-Apr-16 A													
ADMIN-042	CRC Develop and Submit Environmental Contact Tree	15	0	10-Sep-15 A	15-Dec-15 A													
ADMIN-043	CTRMA Review/Approve Environmental Contact Tree	20	0	16-Dec-15 A	12-Apr-16 A													
<b>Hazardous Material Management Plan</b>		73	0	10-Sep-15 A	12-Apr-16 A													
ADMIN-120	CRC Develop and Submit Hazardous Materials Management Plan (HMM	30	0	10-Sep-15 A	15-Dec-15 A													
ADMIN-121	CTRMA Review/Approve Hazardous Materials Management Plan (HMM	20	0	16-Dec-15 A	12-Apr-16 A													
<b>Community Relations</b>		1546	892	10-Sep-15 A	03-Dec-19	90												
ADMIN-930	Initial Coordination with Private and Public 3rd Parties [TP 5.2.14]	70	0	10-Sep-15 A	18-Dec-15 A													
ADMIN-X6	Env. Monit. / Quality Mgt / Patrol / Incidentl / Flagging	779	216	21-Feb-16 A	26-Jan-18	646												
ADMIN-X7	Warranties	30	30	03-Nov-19	03-Dec-19	90												
<b>Dispute Resolution Board</b>		78	0	10-Sep-15 A	11-Dec-15 A													
ADMIN-170	CRC Submit Selected Dispute Resolution Board Member for RMA Cons	42	0	10-Sep-15 A	20-Nov-15 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
ADMIN-171	CTRMA Review/Approve Dispute Resolution Board Member	20	0	21-Nov-15 A	11-Dec-15 A													
<b>Sustainability Plan</b>		96	0	10-Sep-15 A	08-Feb-16 A													
ADMIN-075	CRC Develop and Submit Sustainability Plan (Waste, Recycle, Idle, Nois	30	0	10-Sep-15 A	15-Jan-16 A													
ADMIN-076	CTRMA Review/Approve Sustainability Plan	20	0	06-Jan-16 A	08-Feb-16 A													
<b>Sulfate Protocol</b>		36	0	10-Sep-15 A	15-Apr-16 A													
ADMIN-009	CRC Develop and Submit Sulfate Protocol for RMA's Approval (pre-Sub	20	0	10-Sep-15 A	08-Oct-15 A													
ADMIN-010	CTRMA Review/Approve Sulfate Protocol	20	0	09-Oct-15 A	15-Apr-16 A													
<b>Geotechnical Instrumentation Plan</b>		36	0	10-Sep-15 A	29-Sep-15 A													
ADMIN-011	CRC Develop and Submit Geotechnical Instrumentation Plan (pre-Earth	20	0	10-Sep-15 A	16-Sep-15 A													
ADMIN-012	CTRMA Review/Approve Geotechnical Instrumentation Plan	20	0	17-Sep-15 A	29-Sep-15 A													
<b>Construction Monitoring Plan</b>		73	0	10-Sep-15 A	12-Apr-16 A													
ADMIN-078	CRC Develop and Submit Construction Monitoring Plan (CMP)	15	0	10-Sep-15 A	15-Dec-15 A													
ADMIN-079	CTRMA Review/Approve Construction Monitoring Plan	20	0	16-Dec-15 A	12-Apr-16 A													
<b>Subcontracting Plan</b>		47	0	10-Sep-15 A	09-Oct-15 A													
ADMIN-160	CRC Develop and Submit Procedure for Selection/Approval of Maj. Sub	30	0	10-Sep-15 A	25-Sep-15 A													
ADMIN-161	CTRMA Review/Approve Subcontracting Plan	20	0	26-Sep-15 A	09-Oct-15 A													
<b>Partnering</b>		47	0	10-Sep-15 A	23-Oct-15 A													
ADMIN-088	CRC Work w/CTRMA to Agree Upon Third-Party Partnering Facilitator	30	0	10-Sep-15 A	01-Oct-15 A													
ADMIN-089	CTRMA Review/Approve Third-Party Partnering Facilitator	20	0	02-Oct-15 A	23-Oct-15 A													
<b>Safety Plan</b>		892	468	10-Sep-15 A	15-Jun-19	79	→											
ADMIN-100	CRC Develop and Submit Health, Safety, Environmental and Security (H	30	0	10-Sep-15 A	19-Jan-16 A													
ADMIN-101	CTRMA Receipt/Acceptance of CRC's Safety (HSES) Plan	20	0	20-Jan-16 A	10-Mar-16 A													
ADMIN-X1	Development Mgt. / Outreach (Startup)	229	0	10-Sep-15 A	25-Apr-16 A													
ADMIN-X4	Design QA/QC, Geotech, Survey (Execution)	280	0	10-Sep-15 A	15-Jun-16 A													
ADMIN-X5	Design QA/QC, Geotech, Survey (Closeout)	123	0	21-May-16 A	21-Oct-16 A													
ADMIN-X2	Development Mgt. / Outreach (Execution)	615	190	06-May-16 A	31-Dec-17	123	█											
ADMIN-X3	Development Mgt. / Outreach (Closeout)	531	531	01-Jan-18	15-Jun-19	123			█									
<b>Pre-Existing Conditions Documentation</b>		92	0	23-Nov-15 A	19-Feb-16 A													
ADMIN-103	CRC Photo/Video; Document Pre-Existing Conditions	10	0	23-Nov-15 A	19-Feb-16 A													
ADMIN-104	CTRMA Review/Approve CRC's Pre-Existing Conditions Documentation	20	0	19-Feb-16 A	19-Feb-16 A													
<b>Corridor Progression Plan</b>		169	0	02-May-16 A	23-Dec-16 A													
ADMIN-024	CRC Develop and Submit Corridor Progression Plan (Signal Timing)	165	0	02-May-16 A	16-Dec-16 A													
ADMIN-025	CTRMA Review/Approve Corridor Progression Plan (Signal Timing)	20	0	19-Dec-16 A	23-Dec-16 A													
<b>Capital Metro Transit Authority (CMTA)</b>		170	0	10-Sep-15 A	26-Aug-16 A													
<b>Right-of-Entry Agreement</b>		170	0	10-Sep-15 A	26-Aug-16 A													
ADMIN-980	CRC Develop/Submit Right-of-Entry Agreement [Covered by PDA]	30	0	10-Sep-15 A	17-Nov-15 A													
ADMIN-978	Initial Coordination with CapMetro	40	0	19-Jan-16 A	15-Apr-16 A													
ADMIN-985	CapMetro Review/Approve Right-of-Entry Agreement	10	0	04-Apr-16 A	07-Jun-16 A													
ADMIN-979	CRC Conduct/Facilitate Railroad Training	15	0	26-Aug-16 A	26-Aug-16 A													
<b>Federal Aviation Administration</b>		60	0	13-Oct-15 A	13-Apr-16 A													
<b>FAA 7460-1 Permit</b>		60	0	13-Oct-15 A	13-Apr-16 A													
ADMIN-415	CRC Obtain FAA Permit 7460-1	60	0	13-Oct-15 A	13-Apr-16 A													
<b>FEMA</b>		39	0	21-Feb-16 A	15-Mar-16 A													
<b>404 Permit</b>		39	0	21-Feb-16 A	15-Mar-16 A													
ADMIN-218	CRC Obtain NOI Authorizations (Incl. 401 Permit / Water Crossings)	41	0	22-Feb-16 A	11-Mar-16 A													
ADMIN-940	Coordination With Local Floodplain Administrators and FEMA as Requir	60	0	21-Feb-16 A	15-Mar-16 A													
<b>Tx Commission on Env. Quality (TCEQ)</b>		60	0	20-Jan-16 A	21-Mar-16 A													
<b>TPDES Permit</b>		60	0	20-Jan-16 A	21-Mar-16 A													
ADMIN-318	CRC Obtain TCEQ TPDES Permits	60	0	20-Jan-16 A	21-Mar-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Travis County</b>		41	0	22-Feb-16 A	15-Mar-16 A													
<b>Development Permit</b>		41	0	22-Feb-16 A	15-Mar-16 A													
ADMIN-210	CRC Obtain Travis County Development Permit	41	0	22-Feb-16 A	15-Mar-16 A													
<b>US Army Corp. of Engineers (USACE)</b>		60	0	21-Feb-16 A	15-Mar-16 A													
<b>NWP #14</b>		60	0	21-Feb-16 A	15-Mar-16 A													
ADMIN-182	CRC Coordination With USACE as Required	60	0	21-Feb-16 A	15-Mar-16 A													
<b>Advisory Council on Historic Preservation</b>		60	0	01-Dec-15 A	02-Dec-15 A													
<b>Section 106 Permit</b>		60	0	01-Dec-15 A	02-Dec-15 A													
ADMIN-016	CRC Obtain NHPA Sect. 106 Permit & Possible NFIP Authorization [Not	60	0	01-Dec-15 A	02-Dec-15 A													
<b>Right-of-Way Acquisition</b>		180	0	10-Sep-15 A	07-Mar-16 A													
<b>Acquisition by the Mobility Authority</b>		180	0	10-Sep-15 A	07-Mar-16 A													
ROW0010	CRC Work with Mobility Authority to Acquire Schematic Right-of-Way (R	180	0	10-Sep-15 A	07-Mar-16 A													
<b>Parcel #32 Southwestern Bell</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0032	Mobility Authority Acquire Parcel #32 - Southwestern Bell Telephone	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #62 City of Austin</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0062	Mobility Authority Acquire Parcel #62 - City of Austin	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #113 YMCA</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0113	Mobility Authority Acquire Parcel #113 - YMCA	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #114 Dr. Arami Masoud</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0114	Mobility Authority Acquire Parcel #114 - Dr. Arami Masoud	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #117 Ferneau Investments</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0117	Mobility Authority Acquire Parcel #117 - Ferneau Investments	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #118 City of Austin</b>		180	0	10-Sep-15 A	07-Mar-16 A													
ROW0118	Mobility Authority Acquire Parcel #118 - City of Austin	180	0	10-Sep-15 A	07-Mar-16 A													
<b>Parcel #120 Hewlett-Packard</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0120	Mobility Authority Acquire Parcel #120 - Hewlett-Packard	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #125 CapMetro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0125	Mobility Authority Acquire Parcel #125 - CapMetro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #126 YMCA</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0126	Mobility Authority Acquire Parcel #126 - YMCA	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #127 East Side Church of Christ</b>		180	0	10-Sep-15 A	20-Jan-16 A													
ROW0127	Mobility Authority Acquire Parcel #127 - East Side Church of Christ	180	0	10-Sep-15 A	20-Jan-16 A													
<b>Parcel #128 Travis County Trustee</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0128	Mobility Authority Acquire Parcel #128 - Travis County Trustee	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #129 MFPD Ed Bluestein, LLC</b>		180	0	10-Sep-15 A	22-Jan-16 A													
ROW0129	Mobility Authority Acquire Parcel #129 - MFPD Ed Bluestein, LLC	180	0	10-Sep-15 A	22-Jan-16 A													
<b>Parcel #130 City of Austin</b>		180	0	10-Sep-15 A	22-Jan-16 A													
ROW0130	Mobility Authority Acquire Parcel #130 - City of Austin	180	0	10-Sep-15 A	22-Jan-16 A													
<b>Parcel #131 Daniel C. Castro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0131	Mobility Authority Acquire Parcel #131 - Daniel C. Castro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #132 Brian Evans &amp; Yoon Sin Kim</b>		180	0	10-Sep-15 A	20-Jan-16 A													
ROW0132	Mobility Authority Acquire Parcel #132 - Brian Evans and Yoon Sin Kim	180	0	10-Sep-15 A	20-Jan-16 A													
<b>Parcel #134 State of Texas</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0134	Mobility Authority Acquire Parcel #134 - State of Texas	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #149 CapMetro</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0149	Mobility Authority Acquire Parcel #149 - CapMetro	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #154 MWI-KOC, LLC</b>		180	0	10-Sep-15 A	11-Feb-16 A													
ROW0154	Mobility Authority Acquire Parcel #154 - MWI-KOC, LLC	180	0	10-Sep-15 A	11-Feb-16 A													
<b>Parcel #155 Sunbelt Cleveland Properties, LLC</b>		180	0	10-Sep-15 A	20-Jan-16 A													

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◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
ROW0155	Mobility Authority Acquire Parcel #155 - Sunbelt Cleveland Properties, LL	180	0	10-Sep-15 A	20-Jan-16 A													
	<b>Parcel #157 William Selman</b>	180	0	10-Sep-15 A	04-Mar-16 A													
ROW0157	Mobility Authority Acquire Parcel #157 - William Selman	180	0	10-Sep-15 A	04-Mar-16 A													
	<b>Parcel #158 422 Bastrop Hwy LTD</b>	180	0	10-Sep-15 A	20-Jan-16 A													
ROW0158	Mobility Authority Acquire Parcel #158 - Bastrop Hwy LTD	180	0	10-Sep-15 A	20-Jan-16 A													
<b>Utility Adjustments</b>		842	418	10-Sep-15 A	28-Mar-19	222												
<b>Utility Coordination</b>		842	418	10-Sep-15 A	28-Mar-19	222												
<b>Administration and Planning</b>		30	0	10-Sep-15 A	19-Nov-15 A													
<b>Site Utility Engineering</b>		20	0	10-Sep-15 A	19-Nov-15 A													
DUTCP-0010	Conduct Subsurface Utility Engineering (SUE)	20	0	10-Sep-15 A	06-Nov-15 A													
DUTCP-0020	Conduct Meetings with Utility Owners	15	0	11-Sep-15 A	19-Nov-15 A													
<b>Conceptual Design</b>		20	0	10-Sep-15 A	10-Nov-15 A													
DUTCP-0030	Prepare Initial Utility Adjustment Concept Plan (UACP) (Incl. Strip Map)	10	0	10-Sep-15 A	25-Sep-15 A													
DUTCP-0040	Determine Conflict Status / Easement Requirements	10	0	26-Sep-15 A	10-Nov-15 A													
<b>Alpheus</b>		30	0	10-Sep-15 A	17-Feb-17 A													
DUAALPH-95	Negotiate Ts&Cs / Execute MUAA - Alpheus	30	0	10-Sep-15 A	17-Feb-17 A													
<b>AT&amp;T Long Distance (LD)</b>		158	0	10-Sep-15 A	10-Feb-17 A													
DUAFO1-95	Master Utility Agreement Approved for Construction - ATT Long Distanc	1	0	28-Mar-16 A	28-Mar-16 A													
DUAFO1-105	Negotiate Ts&Cs Master Utility Assembly Agreement - ATT Long Distanc	80	0	10-Sep-15 A	29-Mar-16 A													
DUAFO1-008	Design & Execute Amendment Package 08 - ATT	50	0	10-Sep-15 A	10-Feb-17 A													
<b>Austin Energy [E0]</b>		317	0	10-Sep-15 A	10-May-17 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	20-May-16 A													
DUAEO-0010	Negotiate Ts&Cs / Execute MUAA - Austin Energy	80	0	10-Sep-15 A	20-May-16 A													
<b>Utility Assemblies</b>		317	0	10-Sep-15 A	10-May-17 A													
DUAEO-020	Design Utility Relocation Packet 02 - Austin Energy (3.0)	130	0	10-Sep-15 A	06-Jun-16 A													
DUAEO-021	CTRMA/Utility Owner Reviews Packet 02 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A													
DUAEO-21	Design Utility Relocation Packet 03 - Austin Energy (3.1)	130	0	10-Sep-15 A	06-Jun-16 A													
DUAEO-31	CTRMA/Utility Owner Reviews Packet 03 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A													
DUAEO-61	Design Utility Relocation Packet 01 - Austin Energy (PS51138)	130	0	10-Sep-15 A	06-Jun-16 A													
DUAEO-71	CTRMA/Utility Owner Reviews Packet 01 - Austin Energy / RFC	20	0	31-May-16 A	06-Jun-16 A													
DUAEO-121	Design Utility Relocation Packet 07 - Austin Energy (SRB)	130	0	10-Sep-15 A	17-Aug-16 A													
DUAEO-101	Design Utility Relocation Packet 06 - Austin Energy (YMCA)	130	0	10-Sep-15 A	20-Aug-16 A													
DUAEO-41	Design Utility Relocation Packet 04 - Austin Energy (4.1)	130	0	10-Sep-15 A	15-Sep-16 A													
DUAEO-81	Design Utility Relocation Packet 05 - Austin Energy (3.2)	130	0	10-Sep-15 A	15-Sep-16 A													
DUAEO-111	CTRMA/Utility Owner Reviews Packet 06 - Austin Energy / RFC	20	0	26-Sep-16 A	21-Oct-16 A													
DUAEO-131	CTRMA/Utility Owner Reviews Packet 07 - Austin Energy / RFC	20	0	26-Sep-16 A	21-Oct-16 A													
DUAEO-91	CTRMA/Utility Owner Reviews Packet 05 - Austin Energy / RFC	20	0	14-Sep-16 A	25-Oct-16 A													
DUAEO-141	Design Utility Relocation Packet 08 - Austin Energy (3.4)	130	0	10-Sep-15 A	08-Nov-16 A													
DUAEO-51	CTRMA/Utility Owner Reviews Packet 04 - Austin Energy / RFC	20	0	19-Sep-16 A	09-Nov-16 A													
DUAEO-151	CTRMA/Utility Owner Reviews Packet 08 - Austin Energy / RFC	20	0	08-Nov-16 A	09-Nov-16 A													
DUAEO-161	Design Utility Relocation Packet 09 - Austin Energy (4.2)	130	0	10-Sep-15 A	08-Dec-16 A													
DUAEO-171	CTRMA/Utility Owner Reviews Packet 09 - Austin Energy / RFC	20	0	09-Dec-16 A	15-Dec-16 A													
DUAEO-181	Design Utility Relocation Packet 10 - Austin Energy (4.3)	130	0	10-Sep-15 A	19-Jan-17 A													
DUAEO-201	Design Utility Relocation Packet 11 - Austin Energy (combined with 4.3)	130	0	10-Sep-15 A	19-Jan-17 A													
DUAEO-191	CTRMA/Utility Owner Reviews Packet 10 - Austin Energy / RFC	20	0	20-Jan-17 A	10-May-17 A													
DUAEO-211	CTRMA/Utility Owner Reviews Packet 11 - Austin Energy / RFC	20	0	20-Jan-17 A	10-May-17 A													
<b>Joint Trench</b>		363	0	15-Sep-15 A	01-Mar-17 A													
DUJT-121-2	Mod Subcontract/Procure Materials Utility Relo (Tel 2.1) - ATT, Cent Link	40	0	19-Aug-16 A	02-Nov-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
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 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUJT-120-1	Design Improvements Utility Relo (Tel 2.0) - ATT, Cent Link, Grande, TV	130	0	24-May-16 A	28-Nov-16 A													
DUJT-120-2	Mod Subcontract/Procure Materials Utility Relo (Tel 2.0) - ATT, Cent Link	25	0	23-Jan-17 A	01-Mar-17 A													
<b>Utility Assemblies</b>		380	0	15-Sep-15 A	19-Aug-16 A													
DUJT-0110	Design Utility Relo (Tel 1.0) - ATT, Cent Link, Grande, Level 3, TWC, FC	130	0	15-Sep-15 A	14-Apr-16 A													
DUJT-0111	Design Utility Relo (Tel 1.1) - ATT, Cent Link (Joint Trench)	130	0	15-Sep-15 A	14-Apr-16 A													
DUJT-0112	Design/Procure Utility Relo (Tel 1.2) - ATT, Cent Link, Grande, Level 3, T	130	0	15-Sep-15 A	19-Apr-16 A													
DUJT-0113	Design Utility Relo (Tel 1.3) - ATT, Cent Link, Grande, Level 3, TWC, MC	130	0	15-Sep-15 A	03-May-16 A													
DUJT-0120	Design Utility Relo (Tel 2.0) - ATT, Cent Link, Grande, TWC, MCI (Joint	130	0	15-Sep-15 A	23-May-16 A													
DUJT-0121	Design Utility Relo (Tel 2.1) - ATT, Cent Link, Grande, TWC, MCI (Joint	130	0	15-Sep-15 A	19-Aug-16 A													
<b>AT&amp;T Telecom [FO1]</b>		229	26	10-Sep-15 A	02-Aug-17	5												
<b>Master Agreements</b>		97	0	10-Sep-15 A	29-Feb-16 A													
DUAFO1-010	Negotiate Ts&Cs Master Utility Assembly Agreement - ATT	80	0	10-Sep-15 A	02-Feb-16 A													
DUAFO1-030	Master Utility Agreement Approved for Construction - ATT	1	0	29-Feb-16 A	29-Feb-16 A													
<b>Utility Assemblies</b>		229	26	10-Sep-15 A	02-Aug-17	5												
DUAFO1-021	CTRMA/Utility Owner Reviews (MUA) - ATT	20	0	10-Oct-15 A	29-Feb-16 A													
DUAFO1-002	Execute Amendment Package (Incl. Pkg 02 in MUA) - ATT	2	0	29-Feb-16 A	29-Feb-16 A													
DUAFO1-020	Design Amendment Package (incl. Pkg 02 in MUA) - ATT	60	0	10-Sep-15 A	17-Mar-16 A													
DUAFO1-070	CRC Obtain Utility Easement - ATT_003, US 183 X-ing, Sta. 278+38 (RT	120	0	10-Dec-15 A	12-Apr-16 A													
DUAFO1-075	CRC Obtain Utility Easement - ATT_005, Golf course driveway, Sta. 313	120	0	10-Dec-15 A	06-May-16 A													
DUAFO1-090	CRC Obtain Utility Easement - ATT_006 (2), N. and S. of Tracor Ln., Sta	120	0	10-Dec-15 A	06-May-16 A													
DUAFO1-080	CRC Obtain Utility Easement - ATT_007, PUE, Sta. 375+44	120	0	10-Dec-15 A	24-May-16 A													
DUAFO1-085	CRC Obtain Utility Easement - ATT_007, N. of Technicenter, Sta. 369+6	120	0	10-Dec-15 A	24-May-16 A													
DUAFO1-003	Design & Execute Amendment Package 03 - ATT	50	0	10-Sep-15 A	09-Jun-16 A													
DUAFO1-004	Design & Execute Amendment Package 04 - ATT	30	0	10-Sep-15 A	27-Jun-16 A													
DUAFO1-005	Design & Execute Amendment Package 05 - ATT	20	0	10-Sep-15 A	16-Aug-16 A													
DUAFO1-006	Design & Execute Amendment Package 06 - ATT	50	0	10-Sep-15 A	18-Aug-16 A													
DUAFO1-007	Design & Execute Amendment Package 07 - ATT	50	0	10-Sep-15 A	03-Jan-17 A													
DUAFO1-009	Design & Execute Amendment Package 09 - ATT	50	0	08-Jan-17 A	10-Feb-17 A													
DUAFO1-095	CRC Obtain Utility Easement - ATT_052, Wells Fargo, Sta. 3583+96 (RT	120	27	10-Dec-15 A	02-Aug-17	6												
<b>Century Link (Qwest) [FO2]</b>		356	0	10-Sep-15 A	29-Mar-17 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	12-May-16 A													
DUAFO2-0010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Century	80	0	10-Sep-15 A	12-May-16 A													
<b>Utility Assemblies</b>		356	0	10-Sep-15 A	29-Mar-17 A													
DUAFO2-019	Design Utility Relocation (North) - Century Link	60	0	10-Sep-15 A	13-May-16 A													
DUAFO2-0060	CRC Executes MUAA w/Assembly Package (North) - Century Link	10	0	13-May-16 A	18-May-16 A													
DUAFO2-0030	Utility Agreement Approved for Construction (North) - Century Link	1	0	20-May-16 A	20-May-16 A													
DUAFO2-021	CTRMA/Utility Owner Reviews (North) - Century Link	20	0	17-Feb-16 A	01-Jul-16 A													
DUAFO2-0040	Prepare Assembly Package (North) - Century Link	30	0	20-May-16 A	15-Jul-16 A													
DUAFO2-0050	MA Review/Approve Assembly Package (North) - Century Link	10	0	20-May-16 A	29-Jul-16 A													
DUAFO2-020	Design Utility Relocation (South) - Century Link	60	0	10-Sep-15 A	22-Sep-16 A													
DUAFO2-022	CTRMA/Utility Owner Reviews (South) - Century Link	16	0	20-May-16 A	07-Oct-16 A													
DUAFO2-0035	Utility Agreement Approved for Construction (South) - Century Link	1	0	10-Oct-16 A	10-Oct-16 A													
DUAFO2-0045	Prepare Assembly Package (South) - Century Link	11	0	24-Oct-16 A	09-Dec-16 A													
DUAFO2-0055	MA Review/Approve Assembly Package (South) - Century Link	10	0	10-Dec-16 A	21-Mar-17 A													
DUAFO2-0070	CRC Executes MUAA w/Assembly Package (South) - Century Link	10	0	22-Mar-17 A	29-Mar-17 A													
<b>Grande Communication [FO8]</b>		301	0	10-Sep-15 A	23-Dec-16 A													
<b>Utility Assemblies</b>		301	0	10-Sep-15 A	23-Dec-16 A													
DUAFO8-020	Design Utility Relocation - Grande	60	0	10-Sep-15 A	24-Oct-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUAFO8-021	CTRMA/Utility Owner Reviews - Grande	20	0	14-Jun-16 A	24-Oct-16 A													
DUAFO8-040	Prepare Assembly Package - Grande	10	0	18-Nov-16 A	18-Nov-16 A													
DUAFO8-050	MA Review/Approve Assembly Package - Grande	10	0	21-Nov-16 A	22-Nov-16 A													
DUAFO8-060	CRC Executes Completed MUAA w/Assembly Package - Grande	10	0	23-Nov-16 A	23-Dec-16 A													
<b>Master Agreements</b>		273	0	10-Sep-15 A	24-Oct-16 A													
DUAFO8-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Grande	80	0	10-Sep-15 A	05-May-16 A													
DUAFO8-030	Utility Agreement Approved for Construction - Grande	1	0	24-Oct-16 A	24-Oct-16 A													
<b>Level 3 [FO3]</b>		450	53	10-Sep-15 A	13-Sep-17	3												
<b>Master Agreements</b>		438	16	26-Oct-15 A	18-Jul-17	24												
DUAFO3-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Level 3	80	15	26-Oct-15 A	17-Jul-17	25												
DUAFO3-030	Utility Agreement Approved for Construction - Level 3	1	1	18-Jul-17	18-Jul-17	4												
<b>Utility Assemblies</b>		450	53	10-Sep-15 A	13-Sep-17	3												
DUAFO3-020	Design Utility Relocation - Level 3	60	0	10-Sep-15 A	20-Aug-16 A													
DUAFO3-021	CTRMA/Utility Owner Reviews - Level 3	20	15	15-Aug-16 A	17-Jul-17	4												
DUAFO3-040	Prepare Assembly Package - Level 3	20	20	19-Jul-17	15-Aug-17	4												
DUAFO3-050	MA Review/Approve Assembly Package - Level 3	10	10	16-Aug-17	29-Aug-17	4												
DUAFO3-060	CRC Executes Completed MUAA w/Assembly Package - Level 3	10	10	30-Aug-17	13-Sep-17	4												
<b>MCI Fiber Optic [FO4]</b>		271	0	10-Sep-15 A	09-Nov-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	16-May-16 A													
DUAFO4-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement (Civil) - MCI	80	0	10-Sep-15 A	16-May-16 A													
<b>Utility Assemblies</b>		271	0	10-Sep-15 A	09-Nov-16 A													
DUAFO4-020	Design Utility Relocation Packet 01 (Civil) - MCI	60	0	10-Sep-15 A	03-May-16 A													
DUAFO4-60	Design Utility Relocation Packet 02 (Cable) - MCI	60	0	10-Sep-15 A	03-May-16 A													
DUAFO4-040	Prepare Assembly Package 01 (Civil) - MCI (Incl. 1.3 & 2.0)	5	0	05-Jul-16 A	20-Oct-16 A													
DUAFO4-90	Prepare Assembly Package 02 (Cable) - MCI	30	0	08-Aug-16 A	23-Oct-16 A													
DUAFO4-050	CRC Executes Assembly Package 01 (Civil) - MCI	10	0	20-Oct-16 A	24-Oct-16 A													
DUAFO4-110	CRC Executes Completed MUAA w/Assem. Pkg 02 - MCI	10	0	23-Oct-16 A	24-Oct-16 A													
DUAFO4-060	MA Approve/Executes Assem. Package 01 - MCI	10	0	25-Oct-16 A	09-Nov-16 A													
DUAFO4-100	MA Review/Approve Assembly Package 02 (Cable) - MCI	10	0	25-Oct-16 A	09-Nov-16 A													
<b>Telepacific [FO9]</b>		463	66	10-Sep-15 A	04-Oct-17	99												
<b>Utility Assemblies</b>		463	66	10-Sep-15 A	04-Oct-17	99												
DUAFO9-020	Design Utility Relocation - Telepacific	60	0	10-Sep-15 A	20-Aug-16 A													
DUAFO9-021	CTRMA/Utility Owner Reviews - Telepacific	20	20	12-Nov-16 A	24-Jul-17	101												
DUAFO9-040	Prepare Assembly Package - Telepacific	30	30	26-Jul-17	06-Sep-17	102												
DUAFO9-050	MA Review/Approve Assembly Package - Telepacific	10	10	07-Sep-17	20-Sep-17	99												
DUAFO9-060	CRC Executes Completed MUAA w/Assembly Package - Telepacific	10	10	21-Sep-17	04-Oct-17	102												
<b>Master Agreements</b>		443	1	26-Oct-15 A	25-Jul-17	132												
DUAFO9-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Telepac	80	0	26-Oct-15 A	11-Nov-16 A													
DUAFO9-030	Utility Agreement Approved for Construction - Telepacific	1	1	25-Jul-17	25-Jul-17	102												
<b>Time Warner Cable [CATV0]</b>		267	0	10-Sep-15 A	11-Nov-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	10-Nov-15 A													
DUACV0-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement (Civil) - T	80	0	10-Sep-15 A	10-Nov-15 A													
<b>Utility Assemblies</b>		267	0	10-Sep-15 A	11-Nov-16 A													
DUACV0-020	Design Utility Relocation (Civil) - Time Warner (Packet 01)	60	0	10-Sep-15 A	17-Mar-16 A													
DUACV0-60	Design Utility Relocation (Cable) - Time Warner	60	0	10-Sep-15 A	19-Apr-16 A													
DUACV0-021	CTRMA/Utility Owner Reviews (Civil) - Time Warner (Packet 01)	20	0	08-Mar-16 A	27-Oct-16 A													
DUACV0-040	Prepare Assembly Package (Civil) - Time Warner (Packet 01)	20	0	21-Mar-16 A	28-Oct-16 A													
DUACV0-050	MA Review/Approve Assembly Package (Civil) - Time Warner (Packet C	10	0	28-Oct-16 A	11-Nov-16 A													

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Enterprise Products [PL3]</b>		265	0	10-Sep-15 A	30-Aug-16 A													
<b>Utility Assemblies</b>		265	0	10-Sep-15 A	30-Aug-16 A													
DUAPL3-020	Design Utility Relocation - Enterprise	70	0	10-Sep-15 A	18-Aug-16 A													
DUAPL3-040	Prepare Assembly Package - Enterprise	30	0	20-Aug-16 A	30-Aug-16 A													
DUAPL3-050	MA Review/Approve Assembly Package, Utility Agreement - Enterprise	5	0	22-Aug-16 A	30-Aug-16 A													
DUAPL3-060	CRC Executes Completed MUAA w/Assembly Package - Enterprise	1	0	29-Aug-16 A	30-Aug-16 A													
DUAPL3-021	CTRMA/Utility Owner Reviews - Enterprise	20	0	19-Aug-16 A	30-Aug-16 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	01-Jul-16 A													
DUAPL3-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Enterpr	80	0	10-Sep-15 A	01-Jul-16 A													
<b>Energy Transfer (Houston) [PL1]</b>		416	0	10-Sep-15 A	25-Jun-17 A													
<b>Master Agreements</b>		386	0	10-Sep-15 A	15-May-17 A													
DUAPL1-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Energy	80	0	10-Sep-15 A	08-Apr-16 A													
DUAPL1-030	Utility Agreement Approved for Construction (Co River) - Energy Transf	1	0	01-May-17 A	15-May-17 A													
DUAPL1-80	Utility Agreement Approved for Construction (Mont to 71) - Energy Trans	1	0	01-May-17 A	15-May-17 A													
<b>Utility Assemblies</b>		416	0	10-Sep-15 A	25-Jun-17 A													
DUAPL1-020	Design Utility Relocation (Co River) - Energy Transfer	130	0	10-Sep-15 A	18-Jul-16 A													
DUAPL1-60	Design Utility Relocation (Mont to 71) - Energy Transfer	130	0	10-Sep-15 A	20-Jan-17 A													
DUAPL1-021	CTRMA/Utility Owner Reviews (Co River) - Energy Transfer	20	0	25-Jul-16 A	28-Apr-17 A													
DUAPL1-040	Prepare Assembly Package (Co River) - Energy Transfer	20	0	01-May-17 A	15-May-17 A													
DUAPL1-050	MA Review/Approve Assembly Pkg, Utility Agreement (Co River) - Enerç	10	0	01-May-17 A	15-May-17 A													
DUAPL1-060	CRC Executes Completed MUAA w/Assembly Pkg (Co River) - Energy	10	0	01-May-17 A	15-May-17 A													
DUAPL1-90	Prepare Assembly Package (Mont to 71) - Energy Transfer	20	0	01-May-17 A	15-May-17 A													
DUAPL1-70	CTRMA/Utility Owner Reviews (Mont to 71) - Energy Transfer	20	0	15-Aug-16 A	15-May-17 A													
DUAPL1-100	MA Review/Approve Assembly Pkg, Utility Agreement (Mont to 71) - Ene	10	0	15-May-17 A	07-Jun-17 A													
DUAPL1-110	CRC Executes Completed MUAA w/Assembly Pkg (Mont to 71) - Energ	10	0	08-Jun-17 A	25-Jun-17 A													
<b>Kinder Morgan Gas [PL2]</b>		149	0	10-Sep-15 A	20-Jun-16 A													
<b>Master Agreements</b>		81	0	10-Sep-15 A	28-Jan-16 A													
DUAPL2-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Kinder I	80	0	10-Sep-15 A	28-Jan-16 A													
DUAPL2-030	Utility Agreement Approved for Construction - Kinder Morgan	1	0	28-Jan-16 A	28-Jan-16 A													
<b>Utility Assemblies</b>		149	0	10-Sep-15 A	20-Jun-16 A													
DUAPL2-020	Design Utility Relocation - Kinder Morgan	70	0	10-Sep-15 A	12-Jan-16 A													
DUAPL2-021	CTRMA/Utility Owner Reviews - Kinder Morgan	20	0	20-Jan-16 A	08-Feb-16 A													
DUAPL2-060	CRC Executes Completed MUAA w/Assembly Package - Kinder Morgan	10	0	09-Feb-16 A	16-Feb-16 A													
DUAPL2-60	Kinder-Morgan Procure Contractor	60	0	15-Feb-16 A	20-Jun-16 A													
<b>Texas Gas Service [G0]</b>		357	0	10-Sep-15 A	21-Apr-17 A													
<b>Master Agreements</b>		80	0	10-Sep-15 A	11-Jan-16 A													
DUAG0-010	Negotiate Ts&Cs / Execute Master Utility Assembly Agreement - Texas (	80	0	10-Sep-15 A	11-Jan-16 A													
<b>Utility Assemblies</b>		357	0	10-Sep-15 A	21-Apr-17 A													
DUAG0-060	CRC Executes Completed MUAA - Texas Gas	10	0	05-Jan-16 A	11-Jan-16 A													
DUAG0-050	MA Review/Approve Assembly Package, Utility Agreement (#1) - Texas	10	0	17-May-16 A	31-May-16 A													
DUAG0-020	Design Utility Relocation (N. Colorado River) - Texas Gas	130	0	10-Sep-15 A	22-Jun-16 A													
DUAG0-021	CTRMA/Utility Owner Reviews (N. Colorado River) - Texas Gas	20	0	11-Feb-16 A	17-Aug-16 A													
DUAG0-60	Design Utility Relocation (S. Colorado River) - Texas Gas	130	0	10-Sep-15 A	31-Oct-16 A													
DUAG0-70	CTRMA/Utility Owner Reviews (S. Colorado River) - Texas Gas	20	0	11-Feb-16 A	31-Oct-16 A													
DUAG0-90	Prepare Assembly Package (#2) - Texas Gas	30	0	27-Jun-16 A	11-Nov-16 A													
DUAG0-055	MA Review/Approve Assembly Package, Utility Agreement (#2) - Texas	11	0	21-Nov-16 A	16-Dec-16 A													
DUAG0-040	Prepare Assembly Package (#3) - Texas Gas	30	0	01-Aug-16 A	22-Mar-17 A													
DUAG0-110	Prepare Assembly Package (#4) - Texas Gas	30	0	01-Aug-16 A	22-Mar-17 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone







183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:51											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DUAW-P07.2	Design City of Austin Utility Relocation Packet 07 to RFC	60	0	10-Sep-15 A	20-May-16 A													
DUAW-P02.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	02-Jun-16 A													
CEASW0-863	CRC Obtain PUA (E18G), Relo , Sta. 402+00 to 406+00	76	0	27-Mar-16 A	07-Jun-16 A													
CEASW0-049	CRC Obtain Easement (E22A), Relo W068/085/071/WW018/019/023, C	200	0	27-Dec-15 A	09-Jun-16 A													
DUAW-P03.2	Design City of Austin Utility Relocation Packet 03 to RFC	60	0	10-Sep-15 A	20-Jun-16 A													
DUAW-P09.2	Design City of Austin Utility Relocation Packet 09 to RFC	60	0	10-Sep-15 A	22-Jun-16 A													
DUAW-P05.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	13-Jul-16 A													
CEASW0-049B	Finalize Easement (E22A), Relo W068/085/071/WW018/019/023, Sta. 4	200	0	09-Jun-16 A	15-Jul-16 A													
DUAW-P04.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	22-Jul-16 A													
CEASW0-453	CRC Obtain PUA (E17D), Relo W057/W061, Sta. 369+00 to 379+00	120	0	14-Dec-15 A	25-Jul-16 A													
CEASW0-041-2	CRC Obtain PUA (E13B), Relo W041/W041-1, Sta. 340+00 to 342+50	200	0	07-Nov-15 A	29-Jul-16 A													
DUAW-P12.2	Design City of Austin Utility Relocation Packet 12 to RFC	60	0	10-Sep-15 A	01-Aug-16 A													
DUAW-P14.2	Design City of Austin Utility Relocation Packet 14 to RFC	60	0	10-Sep-15 A	01-Aug-16 A													
CEASWW0-015	CRC Obtain PUA (E20A), Relo WW015/WW016, Sta. 380+00 to 386+00	200	0	07-Nov-15 A	10-Aug-16 A													
DUAW-P06.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	16-Aug-16 A													
CEASWW0-019	CRC Obtain PUA (E21A), Relo WW018/WW019, 434+00 to 444+50	200	0	27-Dec-15 A	19-Aug-16 A													
CEASWW0-019B	Finalize Easement (E21A), Relo WW018/WW019, 434+00 to 444+50	200	0	27-Dec-15 A	19-Aug-16 A													
DUAW-P10.2	Design City of Austin Utility Relocation Packet 10 to RFC	60	0	10-Sep-15 A	08-Sep-16 A													
DUAW-P20.2	Design City of Austin Utility Relocation Packet 20 to RFC	60	0	10-Sep-15 A	15-Sep-16 A													
DUAW-P08.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	21-Sep-16 A													
DUAW-P20.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
DUAW-P07.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
DUAW-P14.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	17-Oct-16 A													
CEASW0-473	CRC Obtain PUA (E19B), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Oct-16 A													
CEASW0-473B	Finalize Easement (E19B), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Oct-16 A													
DUAW-P09.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	21-Oct-16 A													
DUAW-P17.2	Design City of Austin Utility Relocation Packet 17 to RFC	60	0	10-Sep-15 A	08-Nov-16 A													
DUAW-P11.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	08-Nov-16 A													
DUAW-P03.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	08-Nov-16 A													
CEASW0-583	CRC Obtain PUA (E38C), Relo W105/W107, Sta. 547+50 to 551+50	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-593	CRC Obtain PUA (E38D), Relo W105/W107, Sta. 551+50 to 553+50	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-603	CRC Obtain PUA (E38E), Relo W105/W107, Sta. 553+50 to 556+00	200	0	14-Dec-15 A	11-Nov-16 A													
CEASW0-022	CRC Obtain PUA (E11A), Relo W040, Sta. 320+00 to 331+00	200	0	07-Nov-15 A	18-Nov-16 A													
CEASW0-483	CRC Obtain PUA (E19C), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-022B	Finalize Easement (E11A), Relo W040 (CapMetro), Sta. 320+00 to 331+	200	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-483B	Finalize Easement (E19C), Relo W057/W061, Sta. 380+00 to 386+00	120	0	14-Dec-15 A	18-Nov-16 A													
CEASW0-024B	Finalize Easement (E10A), Relo W033 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	07-Dec-16 A													
CEASW0-233B	Finalize Easement (E10B), Relo W037 (YMCA), Sta. 308+00 to 318+50	120	0	07-Nov-15 A	07-Dec-16 A													
CEASW0-383B	Finalize Easement (E12A), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	07-Dec-16 A													
CEASW0-393B	Finalize Easement (E12B), Relo W037 (YMCA), Sta. 321+00 to 340+00	120	0	14-Dec-15 A	07-Dec-16 A													
CEASW0-403B	Finalize Easement (E12F), Relo W037/WW087 (YMCA), Sta. 321+00 to	120	0	14-Dec-15 A	07-Dec-16 A													
DUAW-P10.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet (	10	0	08-Oct-15 A	10-Dec-16 A													
CEASW0-363B	Finalize Easement (E03), Relo W015, Sta. 243+00	200	0	14-Dec-15 A	16-Dec-16 A													
CEASWW0-006	CRC Obtain PUA (E11B), Relo W040, Sta. 320+00 to 331+00	200	0	27-Dec-15 A	29-Dec-16 A													
DUAW-P18.2	Design City of Austin Utility Relocation Packet 18 to RFC	60	0	10-Sep-15 A	05-Jan-17 A													
DUAW-P19.2	Design City of Austin Utility Relocation Packet 19 to RFC	60	0	10-Sep-15 A	10-Jan-17 A													
CEASW0-062	CRC Obtain PUA (E25/ABCD), Relo W080/W085, Sta. 475+00 to 515+C	200	0	07-Nov-15 A	02-Feb-17 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CEASW0-263	CRC Obtain PUA (E22C), Relo W085/WW018/019, Sta. 463+00 to 475+	200	0	14-Dec-15 A	02-Feb-17 A																									
CEASW0-523B	Finalize Easement (E23B), Relo W075, Sta. 471+00 to 489+00	200	0	14-Dec-15 A	07-Feb-17 A																									
DUAW-P12.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	0	08-Oct-15 A	16-Feb-17 A																									
CEASW0-085	CRC Obtain PUA (E21B), Relo W068/W085/W146, 434+00 to 444+50	200	0	07-Nov-15 A	27-Feb-17 A																									
CEASW0-085B	Finalize Easement (E21B), Relo W068/W085/W146, 434+00 to 444+50	200	0	07-Nov-15 A	27-Feb-17 A																									
CEASW0-029	CRC Obtain PUA (E18A), Relo W051/W053/W054, Sta. 373+00 to 380+	120	0	07-Nov-15 A	28-Feb-17 A																									
CEASW0-035	CRC Obtain PUA (E18B), Relo W053/W054, Sta. 373+00 to 380+00	120	0	07-Nov-15 A	28-Feb-17 A																									
CEASW0-373	CRC Obtain PUA (E04), Relo W015, Sta. 243+00	200	0	14-Dec-15 A	15-Mar-17 A																									
DUAW-P16.1	Design City of Austin Utility Relocation Packet 16 to Early RFC (Casing)	60	0	10-Sep-15 A	24-Mar-17 A																									
DUAW-P16.2	Design City of Austin Utility Relocation Packet 16 to RFC	60	0	10-Sep-15 A	27-Mar-17 A																									
CEASW0-021	CRC Obtain PUA (E08T), Relo W032/W036, Sta. 305+00 to 308+50	120	0	07-Nov-15 A	30-Mar-17 A																									
CEASW0-019	CRC Obtain PUA (E06B), Relo W029, Sta. 287+00 to 295+00	200	0	07-Nov-15 A	30-Mar-17 A																									
CEASW0-323	CRC Obtain PUA (E33A), Relo W117/WW039-2, Sta. 559+00 to 574+50	200	0	07-Nov-15 A	11-Apr-17 A																									
CEASW0-323B	Finalize Easement (E33A), Relo W117/WW039-2, Sta. 559+00 to 574+50	200	0	14-Dec-15 A	11-Apr-17 A																									
DUAW-P16.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	0	08-Oct-15 A	14-Apr-17 A																									
DUAW-P13.2	Design City of Austin Utility Relocation Packet 13 to RFC	60	0	10-Sep-15 A	14-Apr-17 A																									
DUAW-P13.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	0	08-Oct-15 A	03-May-17 A																									
CEASW0-041-1	CRC Obtain PUA (E13A), Relo W041/W041-1, Sta. 340+00 to 342+50	200	0	07-Nov-15 A	15-May-17 A																									
CEASW0-203	CRC Obtain PUA (E21C), Relo W068/085/146/WW018/019/023, 434+00	200	0	07-Nov-15 A	16-May-17 A																									
CEASW0-203B	Finalize Easement (E21C), Relo W068/085/146/WW018/019/023, 434+00	200	0	07-Nov-15 A	16-May-17 A																									
CEASW0-019B	Finalize Easement (E06B), Relo W029, Sta. 287+00 to 295+00	200	0	07-Nov-15 A	19-May-17 A																									
CEASW0-021B	Finalize Easement (E08T), Relo W032/W036, Sta. 305+00 to 308+50	120	0	07-Nov-15 A	19-May-17 A																									
CEASW0-333	CRC Obtain PUA (E47B), Relo W114-2/W118/W120/W158, Sta. 578+00	200	0	27-Dec-15 A	23-Jun-17 A																									
CEASW0-693	CRC Obtain PUA (E46C), Relo W112/W114-1, Sta. 574+00 to 577+00	213	0	14-Dec-15 A	23-Jun-17 A																									
CEASW0-703	CRC Obtain PUA (E46D), Relo W112/W114-1, Sta. 574+00 to 577+00	213	0	14-Dec-15 A	23-Jun-17 A																									
CEASW0-713	CRC Obtain PUA (E46E), Relo W112/W114-1, Sta. 574+00 to 577+00	213	0	14-Dec-15 A	23-Jun-17 A																									
CEASW0-723	CRC Obtain PUA (E46F), Relo W112/W114-1, Sta. 574+00 to 577+00	213	0	14-Dec-15 A	23-Jun-17 A																									
CEASW0-733	CRC Obtain PUA (E47A), Relo W112/W114-1, Sta. 578+00 to 582+00	213	0	14-Dec-15 A	23-Jun-17 A																									
DUAW-P17.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	5	08-Oct-15 A	30-Jun-17	3																								
DUAW-P19.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	9	08-Oct-15 A	07-Jul-17	69																								
DUAW-P18.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	9	08-Oct-15 A	07-Jul-17	49																								
CEASW0-873	CRC Obtain PUA (E18E-1), Relo W053, Sta. 389+00 to 389+00	79	10	27-Mar-16 A	11-Jul-17	32																								
CEASW0-883	CRC Obtain PUA (E18E-2), Relo W053/W054, Sta. 401+00 to 407+00	79	10	27-Mar-16 A	11-Jul-17	29																								
DUAW-P15.2	Design City of Austin Utility Relocation Packet 15 to RFC	60	15	10-Sep-15 A	17-Jul-17	234																								
CEASW0-057	CRC Obtain PUA (E24), Relo W077, Sta. 490+00 to 499+00	200	18	07-Nov-15 A	21-Jul-17	175																								
CEASW0-114	CRC Obtain PUA (E20B), Relo WW016, Sta. 380+00 to 386+00	200	18	07-Nov-15 A	21-Jul-17	17																								
CEASW0-553	CRC Obtain PUA (E23E), Relo W075, Sta. 471+00 to 489+00	200	18	14-Dec-15 A	21-Jul-17	175																								
DUAW-P15.4	CTRMA/CoA Final Concurrence (Includes Re-submittals) RFC Packet	10	5	08-Oct-15 A	24-Jul-17	230																								
CEASW0-343	CRC Obtain PUA (E47C), Relo W114-2/W118, Sta 582+00 to 589+00	200	23	22-Nov-15 A	28-Jul-17	67																								
CEASW0-047	CRC Obtain PUA (E40), Relo WW040, Sta. 568+50 to 569+50	200	23	14-Dec-15 A	28-Jul-17	132																								
CEASW0-046	CRC Obtain PUA (E47D), Relo W114/W118/WW048, Sta 582+00 to 589+00	200	23	22-Nov-15 A	28-Jul-17	67																								
CEASW0-274	CRC Obtain PUA (E33D), Relo WW084, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	419																								
CEASW0-753	CRC Obtain PUA (E33B), Relo W117/WW039-2, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	32																								
CEASW0-763	CRC Obtain PUA (E33C), Relo W117/WW039, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	32																								
CEASW0-284	CRC Obtain PUA (E33E-2/E33F), Relo W117/WW042, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	32																								
CEASW0-294	CRC Obtain PUA (E33G), Relo WW042, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	45																								
CEASW0-304	CRC Obtain PUA (E33H), Relo WW042, Sta. 559+00 to 574+50	200	23	14-Dec-15 A	28-Jul-17	45																								

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIOHE0-190U	Construct Infrastr. US183-OHE0-190 - Technicenter (UG) (3.1) AE_003	20	20	31-Jul-17	29-Aug-17	34												
<b>US183-OHE0-012</b>		30	0	15-Aug-16 A	21-Dec-16 A													
CUIOHE0-014	Construct Infrastr. US183-OHE0-014/015- Sta. 219+00 to 235+20, RT (	30	0	15-Aug-16 A	21-Dec-16 A													
<b>US183-OHE0-013</b>		29	29	01-Aug-17	13-Sep-17	43												
CUIOHE0-065	Construct Infrastr. US183-OHE0-065/66/67/68/69 - Smith Road X-ing (C	20	20	01-Aug-17	30-Aug-17	47												
CUIOHE0-065U	Construct Infrastr. US183-OHE0-065/66/67/68/69 - Smith Road X-ing (L	20	20	07-Aug-17	06-Sep-17	43												
CUCOHE0-065	Cut-Over US183-OHE0-065/66/67/68/69 - Smith Road X-ing (OH) (4.2)	5	5	31-Aug-17	07-Sep-17	47												
CUCOHE0-065U	Cut-Over US183-OHE0-065/66/67/68/69 - Smith Road X-ing (UG) (3.2)	5	5	07-Sep-17	13-Sep-17	43												
<b>US183-OHE0-016</b>		84	0	16-Aug-16 A	14-Apr-17 A													
CUIOHE0-016	Construct Infrastr. US183-OHE0-016 - Sta. 244+70 to 245+63 X-ing, RT	30	0	16-Aug-16 A	27-Mar-17 A													
CUCOHE0-016	Cut-Over US183-OHE0-016 - Sta. 244+70 to 245+63 X-ing, RT&LT (OF	5	0	28-Mar-17 A	14-Apr-17 A													
<b>US183-OHE0-026</b>		114	14	12-Dec-16 A	17-Jul-17	25												
CUIOHE0-026	Construct Infrastr. US183-OHE0-026 - Sta. 315+00 to 334+00, LT (OH)	30	9	12-Dec-16 A	10-Jul-17	25												
CUCOHE0-026	Cut-Over US183-OHE0-026 - Sta. 315+00 to 334+00, LT (OH) (3.3) AE	5	5	11-Jul-17	17-Jul-17	25												
<b>US183-OHE0-060</b>		166	48	17-Nov-16 A	06-Sep-17	34												
CUIOHE0-060	Construct Infrastr. US183-OHE0-060 - Sta. 438+00 to 469+00, LT (OH)	30	0	16-Jan-17 A	13-Feb-17 A													
CUCOHE0-060	Cut-Over US183-OHE0-060 - Sta. 438+00 to 469+00, LT (OH) Smith to	5	0	16-Feb-17 A	19-Feb-17 A													
CUIOHE0-058	Construct Infrastr. US183-OHE0-058 - Sta. 414+00 X-ing (OH) (4.1) AE	20	19	22-May-17 A	24-Jul-17	12												
CUIOHE0-058U	Construct Infrastr. US183-OHE0-058 - Sta. 414+00 X-ing (UG) (3.1) AE	30	23	17-Nov-16 A	28-Jul-17	8												
CUCOHE0-058	Cut-Over US183-OHE0-058 - Sta. 414+00 X-ing (OH) (4.1) AE_004	5	5	25-Jul-17	31-Jul-17	12												
CUCOHE0-190	Cut-Over US183-OHE0-190 - Technicenter (OH) (4.1) AE_003	5	5	25-Jul-17	31-Jul-17	58												
CUCOHE0-058U	Cut-Over US183-OHE0-058 - Sta. 414+00 X-ing (UG) (3.1) AE_004	5	5	31-Jul-17	04-Aug-17	8												
CUCOHE0-190U	Cut-Over US183-OHE0-190 - Technicenter (UG) (3.1) AE_003	5	5	30-Aug-17	06-Sep-17	34												
<b>US183-OHE0-074</b>		35	35	11-Dec-17	31-Jan-18	124												
CUIOHE0-074	Construct Infrastr. US183-OHE0-074 - Sta. 438+20 to 436+14, RT&LT (	30	30	11-Dec-17	24-Jan-18	124												
CUCOHE0-074	Cut-Over US183-OHE0-074 - Sta. 438+20 to 436+14, RT&LT (OH) X-ir	5	5	25-Jan-18	31-Jan-18	124												
<b>US183-OHE0-077</b>		35	0	13-Mar-17 A	22-Apr-17 A													
CUIOHE0-077	Construct Infrastr. US183-OHE0-077 - Sta. 430+47 to 477+52, RT (OH)	30	0	13-Mar-17 A	17-Apr-17 A													
CUCOHE0-077	Cut-Over US183-OHE0-077 - Sta. 430+47 to 477+52, RT (OH)	5	0	18-Apr-17 A	22-Apr-17 A													
<b>US183-OHE0-112</b>		29	29	09-Nov-17	22-Dec-17	214												
CUIOHE0-112	Construct Infrastr. US183-OHE0-112 - Sta. 490+74 to 502+55, LT X-ing	15	15	09-Nov-17	01-Dec-17	124												
CUCOHE0-112	Cut-Over US183-OHE0-112 - Sta. 490+74 to 502+55, LT (OH) (4.2) AE	5	5	04-Dec-17	08-Dec-17	124												
CUIOHE0-112U	Construct Infrastr. US183-OHE0-112 - Sta. 490+74 to 502+55, LT X-ing	20	20	15-Nov-17	14-Dec-17	214												
CUCOHE0-112U	Cut-Over US183-OHE0-112 - Sta. 490+74 to 502+55, LT (UG) (3.2) AE	5	5	15-Dec-17	22-Dec-17	214												
<b>US183-OHE0-119</b>		44	44	08-Sep-17	14-Nov-17	49												
CUIOHE0-119	Construct Infrastr. US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (	35	35	08-Sep-17	01-Nov-17	53												
CUIOHE0-119U	Construct Infrastr. US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (	35	35	14-Sep-17	07-Nov-17	49												
CUCOHE0-119	Cut-Over US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (OH) (4.2	5	5	02-Nov-17	08-Nov-17	53												
CUCOHE0-119U	Cut-Over US183-OHE0-119 - Sta. 513+30 to 510+70, RT&LT (UG) (3.2	5	5	08-Nov-17	14-Nov-17	49												
<b>US183-OHE0-137</b>		35	35	26-Sep-17	16-Nov-17	17												
CUIOHE0-137	Construct Infrastr. US183-OHE0-137 - Colorado to Thompson West	30	30	26-Sep-17	09-Nov-17	17												
CUCOHE0-137	Cut-Over US183-OHE0-137 (Incl. 138-139, 142-148) - Colorado to Tho	5	5	10-Nov-17	16-Nov-17	17												
<b>US183-OHE0-149</b>		36	60	22-May-17 A	25-Sep-17	52												
CUIOHE0-149U	Construct Infrastr. US183-OHE0-149 - Sta. 543+97 to 543+90, RT (UG)	25	24	22-May-17 A	31-Jul-17	83												
CUCOHE0-149U	Cut-Over US183-OHE0-149 - Sta. 543+97 to 543+90, RT (UG) (3.4) X-	5	5	01-Aug-17	07-Aug-17	83												
CUIOHE0-149	Construct Infrastr. US183-OHE0-149 - Sta. 543+97 to 543+90, RT (OH)	25	25	10-Aug-17	15-Sep-17	17												
CUCOHE0-149	Cut-Over US183-OHE0-149 - Sta. 543+97 to 543+90, RT (OH) (4.3) X-	5	5	18-Sep-17	25-Sep-17	17												
<b>US183-OHE0-156</b>		30	30	26-Jun-17	09-Aug-17	82												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone





183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
<b>Level 3 [FO3]</b>		286	109	17-Oct-16 A	08-Dec-17	200												
CUCFO3-110	Cut-Over Level 3 Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	17-Oct-16 A	27-Mar-17 A													
CUCFO3-112	Cut-Over Level 3 Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	29	12-May-17 A	07-Aug-17	15												
CUCFO3-113	Cut-Over Level 3 Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	28-Jul-17	13-Oct-17	4												
CUCFO3-123	Place & Cut-Over Level 3 Sta. 515+00 to 620+00 (Joint Trench) (Tel 2.1)	56	56	14-Sep-17	08-Dec-17	3												
<b>MCI Fiber Optic [FO4]</b>		100	55	03-Apr-17 A	15-Sep-17	53												
CUCOHFO4-112	Place & Cut MCI - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	51	51	03-Apr-17 A	11-Sep-17	57												
CUCOHFO4-113	Place & Cut MCI - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	03-Apr-17 A	11-Sep-17	57												
CUCOHFO4-120	Place & Cut MCI - Sta. 425+00 to 515+00 (Joint Trench) (Tel 2.0)	30	30	01-Aug-17	15-Sep-17	11												
<b>TelePacific Fiber Optic (ChoiceCom) [FO9]</b>		30	30	05-Oct-17	17-Nov-17	99												
CUCFO9-121	Place & Cut-Over Telepacific - Sta. 515+00 to 620+00 (Joint Trench) (T	30	30	05-Oct-17	17-Nov-17	99												
<b>Time Warner Cable [CATV0]</b>		232	73	17-Oct-16 A	13-Oct-17	195												
CUCCATV0-110	Cut-Over TWC - Sta. 226+62 to 247+25 (Joint Trench) (Tel 1.0)	51	0	17-Oct-16 A	27-Mar-17 A													
CUCCATV0-120	Place & Cut-Over TWC - Sta. 425+00 to 515+00 (Joint Trench) (Tel 2.0)	30	30	01-Aug-17	15-Sep-17	213												
CUCCATV0-112	Cut-Over TWC - Sta. 298+85 to 370+00 (Joint Trench) (Tel 1.2)	58	58	12-May-17 A	21-Sep-17	77												
CUCCATV0-121	Place & Cut-Over TWC - Sta. 515+00 to 620+00 (Joint Trench) (Tel 2.1)	30	30	11-Aug-17	26-Sep-17	51												
CUCCATV0-113	Cut-Over TWC - Sta. 370+00 to 425+08 (Joint Trench) (Tel 1.3)	51	51	28-Jul-17	13-Oct-17	29												
<b>TW Telecom Fiber Optic [FO0]</b>		1	1	11-Aug-17	11-Aug-17	293												
<b>US183-FO0-004</b>		1	1	11-Aug-17	11-Aug-17	293												
CUCFO0-004	Cut-Over US183-FO0-004 - Sta. 477+52 to 490+73, RT (UG)	1	1	11-Aug-17	11-Aug-17	293												
<b>US183-OHFO0-011</b>		1	1	11-Aug-17	11-Aug-17	24												
CUCOHFO0-011	Cut-Over US183-OHFO0-011 - Sta. 447+10 to 475+49, RT (OH)	1	1	11-Aug-17	11-Aug-17	24												
<b>Enterprise Products [PL3]</b>		20	0	19-Sep-16 A	20-Sep-16 A													
<b>US183-PL3-010</b>		20	0	19-Sep-16 A	20-Sep-16 A													
CUIPL3-010	Construct Infrastr. US183-PL3-010 - Sta. 422+19 to 438+20, LT (UG) R	20	0	19-Sep-16 A	20-Sep-16 A													
<b>Energy Transfer (Houston) [PL1]</b>		304	115	01-Aug-16 A	18-Dec-17	342												
<b>US183-PL1-(All)</b>		304	5	01-Aug-16 A	18-Dec-17	342												
CUCPL5-001	Cut-Over US183-PL5-001 - Sta. 374+50 to 377+50, (UG)	5	0	01-Aug-16 A	05-Aug-16 A													
CUCPL1-003	Cut-Over US183-PL1-(All) - Sta. 504+84 to 525+83, RT (UG)	5	5	12-Dec-17	18-Dec-17	27												
<b>US183-PL1-003</b>		20	20	26-Jun-17	25-Jul-17	27												
CUIPL1-003	Construct Infrastr. US183-PL1-003 - Sta. 504+84 to 525+83, RT (UG)	20	20	26-Jun-17	25-Jul-17	27												
<b>US183-PL1-004</b>		30	30	26-Jul-17	08-Sep-17	27												
CUIPL1-004	Construct Infrastr. US183-PL1-004 - Sta. 525+83 to 527+25, RT&LT (U	30	30	26-Jul-17	08-Sep-17	27												
<b>US183-PL1-005</b>		20	20	11-Sep-17	10-Oct-17	27												
CUIPL1-005	Construct Infrastr. US183-PL1-005 - Sta. 527+25 to 578+36, LT (UG)	20	20	11-Sep-17	10-Oct-17	27												
<b>US183-PL1-006</b>		20	20	11-Oct-17	09-Nov-17	27												
CUIPL1-006	Construct Infrastr. US183-PL1-006 - Sta. 578+36 to 579+59, RT&LT (U	20	20	11-Oct-17	09-Nov-17	27												
<b>US183-PL1-007</b>		20	20	10-Nov-17	11-Dec-17	27												
CUIPL1-007	Construct Infrastr. US183-PL1-007 - Sta. 579+59 to 606+45, RT (UG)	20	20	10-Nov-17	11-Dec-17	27												
<b>Kinder Morgan Gas [PL2]</b>		30	0	06-Jun-16 A	15-Jun-16 A													
<b>US183-PL2-002</b>		30	0	06-Jun-16 A	15-Jun-16 A													
CUIPL2-002	Construct Infrastr. US183-PL2-002 - Sta. 445+55 to 503+99, RT (UG)	30	0	06-Jun-16 A	15-Jun-16 A													
<b>Texas Gas Service [G0]</b>		380	187	07-Jun-16 A	06-Apr-18	86												
<b>US183-G0-002</b>		91	0	24-Oct-16 A	06-Nov-16 A													
CUIG0-002	Construct Infrastr. US183-G0-002 - Sta. 209+89 to 235+68, RT	30	0	24-Oct-16 A	06-Nov-16 A													
CUCG0-002	Cut-Over US183-G0-002 - Sta. 209+89 to 235+68, RT	5	0	24-Oct-16 A	06-Nov-16 A													
<b>US183-G0-017</b>		57	0	07-Jun-16 A	25-Nov-16 A													
CUIG0-017	Construct Infrastr. US183-G0-017 - Sta. 278+76 to 278+91, RT&LT	30	0	07-Jun-16 A	18-Nov-16 A													
CUCG0-017	Cut-Over US183-G0-017 (Incl. 016-019) - Sta. 278+76 to 278+91, RT&L	5	0	18-Nov-16 A	25-Nov-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>US183-G0-021</b>		30	0	20-Mar-17 A	16-Jun-17 A													
CUIG0-021	Construct Infrastr. US183-G0-021 - Sta. 370+00 to 405+00, LT Package	30	0	20-Mar-17 A	16-Jun-17 A													
<b>US183-G0-024</b>		31	0	07-Feb-17 A	16-Mar-17 A													
CUCG0-024	Cut-Over US183-G0-024 - Sta. 345+00 to 354+00, RT Package (#2) MI	5	0	15-Mar-17 A	16-Mar-17 A													
CUIG0-024	Construct Infrastr. US183-G0-024 - Sta. 345+00 to 354+00, RT Packag	30	0	07-Feb-17 A	16-Mar-17 A													
<b>US183-G0-028</b>		30	0	19-Jun-17 A	21-Jun-17 A													
CUIG0-028	Construct Infrastr. US183-G0-028 - Sta. 379+50 Xing Package (#2) Tec	30	0	19-Jun-17 A	21-Jun-17 A													
<b>US183-G0-030</b>		63	7	13-Jun-17 A	06-Jul-17	50												
CUIG0-030	Construct Infrastr. US183-G0-030 - Sta. 380+00 to 388+00, RT Packag	30	2	13-Jun-17 A	28-Jun-17	8												
CUCG0-030	Cut-Over US183-G0-021,028,030 - Sta. 345+00 to 405+00, RT&LT Pac	5	5	29-Jun-17	06-Jul-17	53												
<b>US183-G0-045</b>		35	0	06-Jan-17 A	07-Jan-17 A													
CUIG0-045	Construct Infrastr. US183-G0-045 - Sta. 437+37 to 445+03, RT (No Cor	30	0	06-Jan-17 A	06-Jan-17 A													
CUCG0-045	Cut-Over US183-G0-045 - Sta. 437+37 to 445+03, RT (No Conflict)	5	0	07-Jan-17 A	07-Jan-17 A													
<b>US183-G0-059</b>		35	35	14-Nov-17	08-Jan-18	8												
CUIG0-059	Construct Infrastr. US183-G0-059 - Sta. 530+23 to 532+31, RT	30	30	14-Nov-17	29-Dec-17	8												
CUCG0-059	Cut-Over US183-G0-059 (Incl. 060) - Sta. 530+23 to 532+31, RT	5	5	02-Jan-18	08-Jan-18	8												
<b>US183-G0-063</b>		35	35	28-Sep-17	20-Nov-17	26												
CUIG0-063	Construct Infrastr. US183-G0-063 - Sta. 530+86 to 536+86, RT	30	30	28-Sep-17	13-Nov-17	26												
CUCG0-063	Cut-Over US183-G0-063 - Sta. 530+86 to 536+86, RT	5	5	14-Nov-17	20-Nov-17	26												
<b>US183-G0-065</b>		34	34	14-Aug-17	04-Oct-17	17												
CUIG0-065	Construct Infrastr. US183-G0-065 - Sta. 536+81 to 556+83, RT&LT	30	30	14-Aug-17	27-Sep-17	17												
CUCG0-065	Cut-Over US183-G0-065 - Sta. 536+81 to 556+83, RT&LT	5	5	28-Sep-17	04-Oct-17	19												
<b>US183-G0-066</b>		35	35	29-Jun-17	18-Aug-17	42												
CUIG0-066	Construct Infrastr. US183-G0-066 - Sta. 537+89 to 537+80, RT&LT	30	30	29-Jun-17	11-Aug-17	8												
CUCG0-066	Cut-Over US183-G0-066 (Incl. 064, 068, 071) - Sta. 537+89 to 537+80,	5	5	14-Aug-17	18-Aug-17	46												
<b>US183-G0-074</b>		33	4	08-May-17 A	25-Aug-17	42												
CUIG0-074	Construct Infrastr. US183-G0-074 - Sta. 552+05 to 552+16, RT&LT	30	0	08-May-17 A	09-Jun-17 A													
CUCG0-074	Cut-Over US183-G0-074 - Sta. 552+05 to 552+16, RT&LT	5	5	21-Aug-17	25-Aug-17	46												
<b>US183-G0-075</b>		34	34	14-Aug-17	04-Oct-17	17												
CUIG0-075	Construct Infrastr. US183-G0-075 - Sta. 556+83 to 556+52, RT&LT	30	30	14-Aug-17	27-Sep-17	8												
CUCG0-075	Cut-Over US183-G0-075 - Sta. 556+83 to 556+52, RT&LT	5	5	28-Sep-17	04-Oct-17	19												
<b>US183-G0-076</b>		65	65	02-Jan-18	06-Apr-18	86												
CUIG0-076	Construct Infrastr. US183-G0-076 - Sta. 556+83 to 577+21, RT	30	30	02-Jan-18	12-Feb-18	86												
CUCG0-076	Cut-Over US183-G0-076 (Incl. 067) - Sta. 556+83 to 577+21, RT	5	5	02-Apr-18	06-Apr-18	93												
<b>US183-G0-078</b>		35	35	28-Sep-17	20-Nov-17	33												
CUIG0-078	Construct Infrastr. US183-G0-078 - Sta. 578+00 to 590+00, RT&LT	30	30	28-Sep-17	13-Nov-17	8												
CUCG0-078	Cut-Over US183-G0-078 - Sta. 578+00 to 590+00, RT&LT	5	5	14-Nov-17	20-Nov-17	33												
<b>US183-G0-085</b>		35	35	13-Feb-18	06-Apr-18	86												
CUIG0-085	Construct Infrastr. US183-G0-085 - Sta. 576+70 RT&LT	30	30	13-Feb-18	29-Mar-18	86												
CUCG0-085	Cut-Over US183-G0-085 - Sta. 576+70, RT&LT X-ing	5	5	02-Apr-18	06-Apr-18	93												
<b>US183-G0-086</b>		149	0	01-Nov-16 A	09-Dec-16 A													
CUIG0-086	Construct Infrastr. US183-G0-086 - Sta. 576+90, RT&LT X-ing	30	0	01-Nov-16 A	01-Dec-16 A													
CUCG0-086	Cut-Over US183-G0-086 - Sta. 576+90, RT&LT X-ing	5	0	02-Dec-16 A	09-Dec-16 A													
<b>City of Austin [FMO, RW0, W0, WW0]</b>		471	215	17-May-16 A	18-May-18	343												
CUIW0-413	Construct Infrastr. CoA #030 (16") Sta. 296+50 to 307+00, Bore LT	25	0	12-Oct-16 A	14-Nov-16 A													
CUIW0-202	Construct Infrastr. CoA #046 (24"), MLK Blvd. Bore	15	0	20-Jan-17 A	02-Feb-17 A													
CUIW0-201	Construct Infrastr. CoA #030 (16") Sta. 296+50 to 301+50, 305+00 to 3C	10	0	14-Nov-16 A	27-Feb-17 A													
CUIW0-653	Construct Infrastr. CoA #046 (24"), MLK Blvd.	15	0	02-Feb-17 A	09-Mar-17 A													
CUIW0-035a.3	Construct Infrastr. CoA #054 (24"), Sta. 378+50 to 379+50, LT 36" Bore	5	0	13-Mar-17 A	19-Mar-17 A													

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUIW0-035a.2	Construct Infrastr. CoA #054 (24"), Sta. 375+35 to 375+80, LT 36" Bore	5	0	28-Mar-17 A	01-Apr-17 A													
CUIW0-035a.4	Construct Infrastr. CoA #054S/#063 (24"), Sta. 379+50 to 425+00, LT	40	12	12-Apr-17 A	13-Jul-17	29	█											
CUIW0-035a.1	Construct Infrastr. CoA #054N (24"), Sta. 374+00 to 379+50, LT	5	5	14-Jul-17	20-Jul-17	35	█											
CUIWW0-94.2	Construct Infrastr. CoA #WW039 (8"), Sta. 546+00 to 548+00, RT 16" E	8	8	04-Aug-17	16-Aug-17	56		█										
CUIWW0-184.4	Construct Infrastr. CoA #WW052 (16"), 588+20, RT 30" Bore C	6	6	18-Sep-17	26-Sep-17	65			█									
CUIWW0-184.3	Construct Infrastr. CoA #WW052 (16"), 588+20, RT 30" Bore B	6	6	27-Sep-17	05-Oct-17	65				█								
CUIWW0-184.2	Construct Infrastr. CoA #WW052 (16"), 589+00, RT 30" Bore A	6	6	06-Oct-17	13-Oct-17	65					█							
CUIWW0-84	Construct Infrastr. CoA #WW035 (8") - Sta. 535+00 to 544+00, RT	25	25	12-Sep-17	19-Oct-17	4				█								
CUIW0-085	Construct Infrastr. CoA #085/#146 (24"), Sta. 431+00 to 489+00, LT	35	35	01-Sep-17	25-Oct-17	8					█							
CUIWW0-94.1	Construct Infrastr. CoA #WW039 (8"), Sta. 544+00 to 557+00, RT	30	30	15-Sep-17	01-Nov-17	39						█						
CUIWW0-184.1	Construct Infrastr. CoA #WW052 (16"), 588+15 to Sta. 590+25, RT	12	12	16-Oct-17	02-Nov-17	65							█					
CUIWW0-54	Construct Infrastr. CoA #WW054 (8"), 579+00 to Sta. 590+00, RT	25	25	03-Nov-17	11-Dec-17	65								█				
<b>US183-W0-003</b>		21	0	20-Jul-16 A	27-Sep-16 A													
CUIW0-003	Construct Infrastr. CoA #009 (12"), Sta. 233+00 to 234+00, RT	11	0	20-Jul-16 A	11-Aug-16 A													
CUCW0-003	Cut-Over CoA #009 (12"), Sta. 226+26 to 233+41, RT	15	0	18-Aug-16 A	27-Sep-16 A													
<b>US183-W0-011</b>		385	0	17-May-16 A	10-Jun-17 A													
CUIW0-010	Construct Infrastr. CoA #010 (16"), Sta. 239+00 Bore	20	0	17-May-16 A	16-Jun-16 A													
CUIW0-213	Construct Infrastr. CoA #011/#014/#15-1 (16"), Sta. 236+00 to 246+00, I	15	0	21-Jul-16 A	25-Oct-16 A													
CUCW0-011	Cut-Over CoA #011/#014/#015 (16"), Sta. 236+00 to 250+00, LT	15	0	25-Oct-16 A	13-Dec-16 A													
CUIW0-011	Construct Infrastr. CoA #015-2 (16"), Sta. 246+00 to 250+00, LT	10	0	30-May-17 A	10-Jun-17 A													
<b>US183-W0-014</b>		51	0	11-May-17 A	13-Jun-17 A													
CUIW0-014	Construct Infrastr. CoA #021 (16"), Sta. 274+00, RT	10	0	11-May-17 A	13-Jun-17 A													
CUCW0-014	Cut-Over CoA #021 (16"), Sta. 274+00, RT	15	0	13-Jun-17 A	13-Jun-17 A													
CUCW0-223	Cut-Over CoA #024/#029/#128 (16"), Sta. 280+00 to 296+50, LT/RT	15	0	13-Jun-17 A	13-Jun-17 A													
<b>US183-W0-016</b>		20	0	17-Mar-17 A	21-Mar-17 A													
CUIW0-016	Construct Infrastr. CoA #024/#024-1 (8", 12"), Loyola (SB side)	20	0	17-Mar-17 A	21-Mar-17 A													
<b>US183-W0-017</b>		10	0	24-Aug-16 A	24-Oct-16 A													
CUIW0-017	Construct Infrastr. CoA #026 (16"), Sta. 280+00 to 296+50, LT	10	0	24-Aug-16 A	24-Oct-16 A													
<b>US183-W0-018</b>		292	101	17-Jun-16 A	03-Jan-18	210												
CUIW0-603	Construct Infrastr. Bore Future Crossing FC1, Sta. 239+75	12	0	17-Jun-16 A	07-Jul-16 A													
CUIW0-018	Construct Infrastr. CoA #019 (12"), Sta. 280+00 to 280+50, LT	5	0	17-Oct-16 A	19-Oct-16 A													
CUIW0-643	Construct Infrastr. Bore Future Crossing FC2, Sta. 286+00	12	0	08-Dec-16 A	23-Dec-16 A													
CUIW0-613	Construct Infrastr. Bore Future Crossing FC3, Sta. 384+30	12	0	02-Mar-17 A	20-Mar-17 A													
CUIW0-623	Construct Infrastr. Bore Future Crossing FC4, Sta. 401+30	12	12	31-Jul-17	16-Aug-17	65												
CUIW0-483	Construct Infrastr. CoA #017 (16"), Sta. 279+00 to 280+00 Bore LT	10	10	30-Nov-17	13-Dec-17	210												
CUIW0-633	Construct Infrastr. Bore Future Crossing FC5, Sta. 3548+00	12	12	14-Dec-17	03-Jan-18	210												
<b>US183-W0-019</b>		15	0	23-Mar-17 A	08-Apr-17 A													
CUIW0-019	Construct Infrastr. CoA #029 (16"), Sta. 280+00 to 296+50, RT	15	0	23-Mar-17 A	08-Apr-17 A													
<b>US183-W0-020</b>		45	0	15-Sep-16 A	02-Nov-16 A													
CUIW0-020	Construct Infrastr. CoA #128 (16"), Sta. 296+50	5	0	25-Oct-16 A	02-Nov-16 A													
CUIW0-493	Construct Infrastr. CoA #128 (16"), Sta. 296+50 Bore	15	0	15-Sep-16 A	02-Nov-16 A													
<b>US183-W0-021</b>		49	0	11-Oct-16 A	22-Apr-17 A													
CUIW0-423	Construct Infrastr. CoA #032 (24"), Sta. 306+00 Bore	15	0	11-Oct-16 A	20-Oct-16 A													
CUIW0-021	Construct Infrastr. CoA #032 (24"), Sta. 306+00	10	0	12-Nov-16 A	22-Apr-17 A													
<b>US183-W0-022</b>		192	15	30-Sep-16 A	18-Jul-17	6												
CUIW0-223	Construct Infrastr. CoA #036/#36-1 (24"), Sta. 305+00 to 318+00, RT	15	0	30-Sep-16 A	26-Jan-17 A													
CUIW0-243	Construct Infrastr. CoA #045 (24"), Sta. 338+00 to 342+00, RT	10	0	26-Jan-17 A	08-Mar-17 A													
CUIW0-022	Construct Infrastr. CoA #040 (24"), Sta. 318+00 to 330+50, RT	15	0	01-Feb-17 A	16-Mar-17 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CUCW0-022	Cut-Over CoA #32/#036/#036-1 (24"), Sta. 305+00 to 330+50, RT	15	15	26-Jun-17	18-Jul-17	6												
<b>US183-W0-024</b>		131	0	19-Dec-16 A	19-May-17 A													
CUIW0-233	Construct Infrastr. CoA #037 (16"), Sta. 314+00 to 330+50, LT	10	0	27-Dec-16 A	30-Jan-17 A													
CUIW0-024	Construct Infrastr. CoA #033 (16"), Sta. 307+00 to 314+00, LT	10	0	19-Dec-16 A	02-Mar-17 A													
CUCW0-024.1	Cut-Over CoA #033/#037/#40/#41/#043/#45/#46 (16"), Sta. 296+50 to 3	20	0	12-Apr-17 A	15-Apr-17 A													
CUCW0-024.2	Cut-Over CoA #19/#26/#030 (16"), Sta. 296+50 to 330+50, LT	20	0	19-May-17 A	19-May-17 A													
<b>US183-W0-025</b>		132	0	26-Oct-16 A	28-Jan-17 A													
CUIW0-503	Construct Infrastr. CoA #043 (16"), Sta. 330+50 Bore	25	0	26-Oct-16 A	30-Nov-16 A													
CUIW0-025	Construct Infrastr. CoA #043 (16"), Sta. 330+50	5	0	03-Jan-17 A	28-Jan-17 A													
<b>US183-W0-029</b>		115	53	01-Mar-17 A	13-Sep-17	281												
CUIW0-029.3	Construct Infrastr. CoA #053 (12"), Sta. 378+40 to 379+30, LT 24" Bore	5	0	20-Mar-17 A	25-Mar-17 A													
DUAW-P11.6	Design & Approval CoA (Pressure Point/NXP Connection)	40	14	01-Mar-17 A	14-Jul-17	300												
CUIW0-029.1	Construct Infrastr. CoA #053 (12"), Sta. 372+00 to 416+00, LT	40	18	05-May-17 A	21-Jul-17	24												
CUCW0-029	Cut-Over CoA #053 (12"), Sta. 372+00 to 416+00, LT	15	15	24-Jul-17	14-Aug-17	24												
CUIW0-029.P	Construct Infrastr. CoA (Pressure Point/NXP Connection)	40	40	17-Jul-17	13-Sep-17	281												
<b>US183-W0-048</b>		165	15	21-Apr-17 A	04-Jan-18	198												
CUIW0-253	Construct Infrastr. CoA #048 (24"), Sta. 351+00 to 375+00, RT	25	0	21-Apr-17 A	09-Jun-17 A													
CUIW0-046	Construct Infrastr. CoA #WW048 (18"), Sta. 586+00 to 590+00, LT	15	15	12-Dec-17	04-Jan-18	198												
<b>US183-W0-033</b>		87	5	13-Feb-17 A	20-Jul-17	29												
CUIW0-433	Construct Infrastr. CoA #051 (24"), Sta. 375+00 Bore	20	0	13-Feb-17 A	17-Mar-17 A													
CUIW0-033	Construct Infrastr. CoA #051 (24"), Sta. 375+00	5	5	14-Jul-17	20-Jul-17	29												
<b>US183-W0-041</b>		213	6	30-Jan-17 A	19-Jan-18	198												
CUIW0-041-1	Construct Infrastr. CoA #041-1 (8"), MLK Blvd. Bore	15	0	06-Feb-17 A	09-Feb-17 A													
CUIW0-041.1	Construct Infrastr. CoA #041 (16"), Sta. 330+50 to 343+00, LT	15	0	30-Jan-17 A	28-Feb-17 A													
CUIW0-041.2	Construct Infrastr. CoA #041 - (E13A) (16"), Sta. 341+00, LT	6	6	12-Jan-18	19-Jan-18	198												
<b>US183-W0-042</b>		80	15	15-Feb-17 A	09-Aug-17	6												
CUIW0-443	Construct Infrastr. CoA #066 (16"), Sta. 414+00 Bore	15	0	15-Feb-17 A	24-Feb-17 A													
CUIW0-042	Construct Infrastr. CoA #066 (16"), Sta. 414+00	5	0	30-May-17 A	12-Jun-17 A													
CUCW0-042	Cut-Over CoA #066 (16"), Sta. 414+00	15	15	19-Jul-17	09-Aug-17	6												
<b>US183-W0-057</b>		18	23	06-Jun-17 A	28-Jul-17	4												
CUIW0-030	Construct Infrastr. CoA #057/#061 (12", 16"), Sta. 375+00 to 387+00, RT	15	8	06-Jun-17 A	07-Jul-17	4												
CUCW0-030	Cut-Over CoA #057/#061 (12", 16", 24"), Sta. 351+00 to 387+00, RT	15	15	10-Jul-17	28-Jul-17	4												
<b>US183-W0-061</b>		119	119	20-Nov-17	18-May-18	332												
CUIW0-533	Construct Infrastr. CoA #124 (24") at Airport Bore	20	20	20-Nov-17	20-Dec-17	371												
CUIW0-061	Construct Infrastr. CoA #124 (24") at Airport-7th Street	10	10	12-Apr-18	26-Apr-18	292												
CUCW0-061	Cut-Over CoA #124 (24") at 7th Street	15	15	27-Apr-18	18-May-18	332												
<b>US183-W0-066</b>		207	185	08-May-17 A	04-Apr-18	347												
CUIW0-066.3	Construct Infrastr. CoA #092 (24") Sta. 528+70 to 529+10, RT 36" Bore	5	0	08-May-17 A	10-May-17 A													
CUIW0-066.2	Construct Infrastr. CoA #092 (24") Sta. 530+00 to 531+00, RT 36" Bore	8	0	10-May-17 A	16-May-17 A													
CUIW0-066.1	Construct Infrastr. CoA #092 (24") Sta. 524+00 to 536+50, RT	25	25	26-Jun-17	01-Aug-17	10												
CUCW0-066	Cut-Over CoA #92 (24") at Montopolis Drive	15	15	02-Aug-17	24-Aug-17	492												
CUCW0-062	Cut-Over CoA #80 (24"), Sta. 489+00 LT to Airport Blvd.	20	20	05-Mar-18	04-Apr-18	122												
<b>US183-W0-067</b>		100	100	06-Nov-17	05-Apr-18	344												
CUIW0-067	Construct Infrastr. CoA #088 (24"), Sta. 536+00 to 543+00, LT	15	15	06-Nov-17	28-Nov-17	4												
CUCW0-067	Cut-Over CoA #088 (24"), Sta. 536+00 to 543+00, LT	15	15	29-Nov-17	20-Dec-17	44												
CUCW0-069	Cut-Over CoA #090 (12"), Sta. 536+00 to 543+00, LT	15	15	14-Mar-18	05-Apr-18	344												
<b>US183-W0-069</b>		15	15	20-Feb-18	13-Mar-18	344												
CUIW0-069	Construct Infrastr. CoA #090 (12"), Sta. 536+00 to 543+00, LT	15	15	20-Feb-18	13-Mar-18	344												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
<b>US183-W0-086</b>		101	20	05-May-17 A	28-Nov-17	59	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-543	Construct Infrastr. CoA #086 (24"), Sta. 536+50 Bore	20	0	05-May-17 A	19-Jun-17 A		[Gantt bar]																	
CUIW0-075	Construct Infrastr. CoA #086 (24"), Sta. 536+50	5	5	27-Oct-17	03-Nov-17	4	[Gantt bar]																	
CUCW0-075	Cut-Over CoA #086 (24"), Sta. 536+50 Bore	15	15	06-Nov-17	28-Nov-17	59	[Gantt bar]																	
<b>US183-W0-076</b>		116	116	03-Jul-17	27-Dec-17	412	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-313.2	Construct Infrastr. CoA #110 (16"), Sta. 547+00, RT 30" Bore A	7	7	03-Jul-17	12-Jul-17	3	[Gantt bar]																	
CUIW0-313.3	Construct Infrastr. CoA #110 (16"), Sta. 549+00, RT 30" Bore B	5	5	13-Jul-17	19-Jul-17	3	[Gantt bar]																	
CUIW0-313.4	Construct Infrastr. CoA #110 (16"), Sta. 550+00, RT 30" Bore C	5	5	20-Jul-17	26-Jul-17	3	[Gantt bar]																	
CUIW0-313.5	Construct Infrastr. CoA #110 (16"), Sta. 552+00, RT 30" Bore D	4	4	27-Jul-17	01-Aug-17	3	[Gantt bar]																	
CUIW0-313.6	Construct Infrastr. CoA #110 (16"), Sta. 555+00, RT 30" Bore E	2	2	02-Aug-17	03-Aug-17	3	[Gantt bar]																	
CUIW0-313.1	Construct Infrastr. CoA #110 (16"), Sta. 544+00 to 557+00, RT	9	9	31-Jul-17	11-Aug-17	3	[Gantt bar]																	
CUIW0-076.2	Construct Infrastr. CoA #123 (16"), Sta. 582+00 to 584+00, RT 30" Bore	17	17	17-Aug-17	12-Sep-17	56	[Gantt bar]																	
CUIW0-323	Construct Infrastr. CoA #117 (16"), Sta. 557+00 to 582+00, RT	45	45	13-Sep-17	20-Nov-17	3	[Gantt bar]																	
CUIW0-353.2	Construct Infrastr. CoA #139 (8"), SH 71 WB Sta. 136+50, 16" Bore	5	5	21-Nov-17	29-Nov-17	210	[Gantt bar]																	
CUIW0-076.1	Construct Infrastr. CoA #123 (16"), Sta. 582+00 to 589+00, RT	8	8	21-Nov-17	04-Dec-17	3	[Gantt bar]																	
CUIW0-353.1	Construct Infrastr. CoA #139 (8"), SH 71 WB Sta. 136+50	15	15	04-Dec-17	26-Dec-17	413	[Gantt bar]																	
CUCW0-076	Cut-Over CoA #110/117 (16"), Sta. 544+00-582+00, RT	15	15	05-Dec-17	27-Dec-17	3	[Gantt bar]																	
<b>US183-W0-078</b>		61	75	22-Jun-17 A	17-Nov-17	27	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-553	Construct Infrastr. CoA #101 (16"), Sta. 543+62 Bore	15	8	22-Jun-17 A	07-Aug-17	51	[Gantt bar]																	
CUIW0-078	Construct Infrastr. CoA #101 (16"), Sta. 543+62	5	5	20-Oct-17	26-Oct-17	4	[Gantt bar]																	
CUCW0-078	Cut-Over CoA #101 (16"), Sta. 543+62 Bore	15	15	27-Oct-17	17-Nov-17	27	[Gantt bar]																	
<b>US183-W0-100</b>		80	80	20-Jul-17	17-Nov-17	27	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-513	Construct Infrastr. CoA #100 (24") Montopolis Bore	15	15	20-Jul-17	10-Aug-17	4	[Gantt bar]																	
CUIW0-100	Construct Infrastr. CoA #100/#103 (12", 16", 24"), Sta. 530+00 to 544+0	20	20	11-Aug-17	11-Sep-17	4	[Gantt bar]																	
CUCW0-100	Cut-Over CoA #100/#103 (12", 16", 24"), Sta. 530+00 to 544+00, RT	15	15	27-Oct-17	17-Nov-17	27	[Gantt bar]																	
<b>US183-W0-105</b>		94	94	23-Oct-17	13-Mar-18	37	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-573	Construct Infrastr. CoA #105 (12"), Sta. 551+00 to 553+00, LT Bore	20	20	23-Oct-17	20-Nov-17	68	[Gantt bar]																	
CUIW0-293.1	Construct Infrastr. CoA #112N (12"), Sta. 557+00 to 566+00, LT	15	15	06-Nov-17	28-Nov-17	14	[Gantt bar]																	
CUIW0-293.2	Construct Infrastr. CoA #112S (12"), Sta. 566+00 to 582+00, LT	35	35	29-Nov-17	19-Jan-18	14	[Gantt bar]																	
CUIW0-105	Construct Infrastr. CoA #105 (12"), Sta. 543+00 to 557+00, LT	20	20	22-Jan-18	16-Feb-18	14	[Gantt bar]																	
CUCW0-105	Cut-Over CoA #105/#112 (12"), Sta. 543+00 to 582+00, LT	15	15	20-Feb-18	13-Mar-18	37	[Gantt bar]																	
<b>US183-W0-107</b>		119	119	13-Sep-17	13-Mar-18	4	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-563	Construct Infrastr. CoA #107 (24"), Sta. 551+00 to 553+00, LT Bore	25	25	13-Sep-17	20-Oct-17	68	[Gantt bar]																	
CUIW0-343	Construct Infrastr. CoA #118 (12"), Sta. 582+00 to 589+00	10	10	20-Oct-17	03-Nov-17	14	[Gantt bar]																	
CUIW0-303.2	Construct Infrastr. CoA #114S (24"), Sta. 566+00 to 589+00, LT	15	15	29-Nov-17	20-Dec-17	4	[Gantt bar]																	
CUIW0-303.1	Construct Infrastr. CoA #114N (24"), Sta. 557+00 to 566+00, LT	10	10	21-Dec-17	05-Jan-18	4	[Gantt bar]																	
CUIW0-107	Construct Infrastr. CoA #107 (24"), Sta. 543+00 to 557+00, LT	25	25	08-Jan-18	09-Feb-18	4	[Gantt bar]																	
CUCW0-107	Cut-Over CoA #107/#114 (24"), Sta. 543+00 to 588+50, LT	20	20	12-Feb-18	13-Mar-18	4	[Gantt bar]																	
<b>US183-W0-157</b>		126	126	10-Jul-17	17-Jan-18	413	[Gantt bars for 2017 Q3-Q4]																	
CUIW0-463	Construct Infrastr. CoA #120 (16"), Sta. 582+00 Bore	15	15	10-Jul-17	28-Jul-17	65	[Gantt bar]																	
CUCW0-373	Cut-Over CoA #118 (12"), Sta. 582+00 to 589+00, RT	15	15	06-Nov-17	28-Nov-17	94	[Gantt bar]																	
CUIW0-273	Construct Infrastr. CoA #120 (16"), Sta. 582+00	5	5	27-Nov-17	01-Dec-17	76	[Gantt bar]																	
CUIW0-157	Construct Infrastr. CoA #157/#158 (12"), Sta. 579+00 to 581+00, LT	10	10	05-Dec-17	18-Dec-17	78	[Gantt bar]																	
CUCW0-273	Cut-Over CoA #120 (16"), Sta. 582+00	15	15	04-Dec-17	26-Dec-17	76	[Gantt bar]																	
CUCW0-383	Cut-Over CoA #123 (16"), Sta. 582+00 to 589+00, RT	15	15	05-Dec-17	27-Dec-17	75	[Gantt bar]																	
CUCW0-157	Cut-Over CoA #157/#158 (12"), Sta. 579+00 to 581+00, LT	15	15	20-Dec-17	11-Jan-18	78	[Gantt bar]																	
CUCW0-353	Cut-Over CoA #139, WB Sta. 136+50	15	15	27-Dec-17	17-Jan-18	413	[Gantt bar]																	
<b>US183-FM0-022</b>		15	15	01-Sep-17	25-Sep-17	62	[Gantt bar]																	

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone





Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DGEB-0100	Geotechnical Borings (Wall)	30	0	10-Sep-15 A	15-Apr-16 A													
DGEL-0000	Geotechnical Lab Testing (Bridge)	65	0	10-Sep-15 A	22-Apr-16 A													
DGEL-0100	Geotechnical Lab Testing (Wall)	30	0	10-Sep-15 A	22-Apr-16 A													
DGER-0000	Geotechnical Reports (Bridge)	226	0	01-Oct-15 A	26-Mar-17 A													
DGER-0100	Geotechnical Reports (Wall)	59	0	28-Dec-15 A	26-Mar-17 A													
<b>Develop Specifications</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
<b>Drainage / Hydraulics</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0100	Develop/Submit Specifications - Drainage/Hydraulics	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-170	CTRMA Review/Approval - Drainage/Hydraulics Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Roadway</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0110	Develop/Submit Specifications - Roadway	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-180	CTRMA Review/Approval - Roadway Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Structures</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0160	Develop/Submit Specifications - Structures	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-230	CTRMA Review/Approval - Structures Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>ITS/Electrical</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0170	Develop/Submit Specifications - ITS/Electrical	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-240	CTRMA Review/Approval - ITS/Electrical Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Geotechnical</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0130	Develop/Submit Specifications - Geotechnical	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-200	CTRMA Review/Approval - Geotechnical Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Utilities</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0120	Develop/Submit Specifications - Utilities	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-190	CTRMA Review/Approval - Utilities Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Walls</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0150	Develop/Submit Specifications - Walls	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-220	CTRMA Review/Approval - Walls Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>MOT</b>		<b>119</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>12-Apr-16 A</b>													
DSP-0140	Develop/Submit Specifications - Maintenance of Traffic (MOT)	80	0	10-Sep-15 A	02-Mar-16 A													
DSP-210	CTRMA Review/Approval - Maintenance of Traffic (MOT) Specifications	5	0	03-Mar-16 A	12-Apr-16 A													
<b>Environmental Design</b>		<b>152</b>	<b>50</b>	<b>10-Sep-15 A</b>	<b>05-Sep-17</b>	<b>71</b>												
<b>Erosion Control/SWPPP/EPIC</b>		<b>152</b>	<b>50</b>	<b>10-Sep-15 A</b>	<b>05-Sep-17</b>	<b>71</b>												
ADMIN-200	CRC Address Environmental Permits Issues and Commitments (EPIC)	60	0	10-Sep-15 A	20-Jan-16 A													
DSWP-0000	Develop Storm Water Pollution-Prevention Plan (SWPPP) (Incl. NOI / SI	60	0	10-Sep-15 A	19-Feb-16 A													
DSWP-0010	Review/Approval of Storm Water Pollution-Prevention Plan (SWPPP)	20	0	20-Feb-16 A	14-Mar-16 A													
ADMIN-1006	Environmental Re-evaluation A (including Review/Approval)	60	0	30-Nov-15 A	22-May-17 A													
ADMIN-1016	Environmental Re-evaluation B (including Review/Approval)	70	50	30-Nov-15 A	05-Sep-17	71												
<b>Design Packages</b>		<b>503</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>22-May-17 A</b>													
<b>Aesthetics Packages</b>		<b>30</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>21-Mar-17 A</b>													
<b>Aesthetic Package 1</b>		<b>30</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>21-Mar-17 A</b>													
DAE01-010	Design Aesthetics Pkg. 01 - Master Aesthetics Plan	30	0	10-Sep-15 A	21-Mar-17 A													
<b>Maintenance of Traffic (MOT)</b>		<b>256</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>26-Mar-17 A</b>													
<b>MOT Package 0 (Early)</b>		<b>163</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>15-Apr-16 A</b>													
DEMO01-10	Design Early MOT Pkg. 01 - Preliminary (30%)	50	0	10-Sep-15 A	16-Nov-15 A													
DEMO01-50	Design Early MOT Pkg. 01 - Final (100%)	25	0	25-Jan-16 A	19-Feb-16 A													
DEMO01-70	Design Early MOT Pkg. 01 - Release for Construction (RFC)	5	0	26-Mar-16 A	15-Apr-16 A													
DEMO01-90	Early MOT Pkg. 01 - Final Concurrence (RFC)	2	0	01-Apr-16 A	15-Apr-16 A													
<b>MOT Package 1</b>		<b>187</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>09-Dec-16 A</b>													

█ Remaining Level of Effort   
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183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DMO01-010	Design MOT Pkg. 01 - Preliminary (30%)	45	0	10-Sep-15 A	16-Nov-15 A													
DMO01-030	Design MOT Pkg. 01 - Intermediate (65%)	40	0	25-Jan-16 A	02-Mar-16 A													
DMO01-050	Design MOT Pkg. 01 - Final (100%)	15	0	28-Mar-16 A	06-May-16 A													
DMO01-070	Design MOT Pkg. 01 - Release for Construction (RFC)	10	0	07-Jun-16 A	09-Dec-16 A													
DMO01-090	MOT Pkg. 01 - Final Concurrency (RFC)	2	0	07-Jun-16 A	09-Dec-16 A													
<b>MOT Package 2</b>		177	0	19-Nov-15 A	09-Dec-16 A													
DMO02-010	Design MOT Pkg. 02 - Preliminary (30%)	45	0	19-Nov-15 A	04-Feb-16 A													
DMO02-030	Design MOT Pkg. 02 - Intermediate (65%)	40	0	11-Feb-16 A	25-May-16 A													
DMO02-050	Design MOT Pkg. 02 - Final (100%)	20	0	01-Jul-16 A	05-Aug-16 A													
DMO02-070	Design MOT Pkg. 02 - Release for Construction (RFC)	10	0	09-Sep-16 A	09-Dec-16 A													
DMO02-090	MOT Pkg. 02 - Final Concurrency (RFC)	2	0	09-Sep-16 A	09-Dec-16 A													
<b>MOT Package 3</b>		65	0	22-Jul-16 A	26-Mar-17 A													
DMO03-050	Design MOT Pkg. 03 - Final (100%)	20	0	22-Jul-16 A	31-Aug-16 A													
DMO03-070	Design MOT Pkg. 03 - Release for Construction (RFC)	10	0	26-Sep-16 A	26-Mar-17 A													
DMO03-090	MOT Pkg. 03 - Final Concurrency (RFC)	2	0	26-Sep-16 A	26-Mar-17 A													
<b>Roadway / Drainage</b>		197	0	10-Sep-15 A	09-Dec-16 A													
<b>Roadway Package 0 (Early)</b>		130	0	10-Sep-15 A	15-Apr-16 A													
DERD01-10	Design Early Roadway Pkg. - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DERD01-50	Design Early Roadway Pkg. - Final (100%)	33	0	28-Dec-15 A	03-Feb-16 A													
DERD01-70	Design Early Roadway Pkg. - Release for Construction (RFC) (FRM)	5	0	03-Mar-16 A	15-Apr-16 A													
DERD01-90	Early Roadway Pkg. - Final Concurrency (RFC)	5	0	15-Apr-16 A	15-Apr-16 A													
<b>Roadway/Drainage Package 1</b>		168	0	10-Sep-15 A	15-Jul-16 A													
DRD01-010	Design Roadway Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DDR04-010	Design Drainage Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	16-Nov-15 A													
DRD01-030	Design Roadway Pkg. 01 - Intermediate (65%)	42	0	28-Dec-15 A	03-Feb-16 A													
DDR04-030	Design Drainage Pkg. 01 - Intermediate (65%)	33	0	14-Dec-15 A	19-Feb-16 A													
DRD01-050	Design Roadway Pkg. 01 - Final (100%)	20	0	10-Mar-16 A	20-Apr-16 A													
DRD01-070	Design Roadway Pkg. 01 - Release for Construction (RFC)	10	0	20-May-16 A	15-Jul-16 A													
DRD01-090	Roadway Pkg. 01 - Final Concurrency (RFC)	2	0	01-Jun-16 A	15-Jul-16 A													
<b>Roadway/Drainage Package 2</b>		197	0	10-Sep-15 A	09-Dec-16 A													
DRD02-010	Design Roadway Pkg. 02 - Preliminary (30%)	40	0	10-Sep-15 A	30-Oct-15 A													
DDR05-010	Design Drainage Pkg. 02 - Preliminary (30%)	40	0	10-Sep-15 A	16-Nov-15 A													
DRD02-030	Design Roadway Pkg. 02 - Intermediate (65%)	42	0	25-Nov-15 A	03-Feb-16 A													
DDR05-030	Design Drainage Pkg. 02 - Intermediate (65%)	33	0	14-Dec-15 A	19-Feb-16 A													
DDR03-050	Design Early Drainage Pkg. - Final (100%)	46	0	25-Nov-15 A	22-Feb-16 A													
DRD02-050	Design Roadway Pkg. 02 - Final (100%)	20	0	16-Feb-16 A	20-Apr-16 A													
DDR03-070	Design Early Drainage Pkg. - Release for Construction (RFC) (FRM)	5	0	22-Mar-16 A	29-Apr-16 A													
DDR03-090	Early Drainage Pkg. - Final Concurrency (RFC)	2	0	23-Apr-16 A	29-Apr-16 A													
DDR05-050	Design Drainage Pkg. 02 - Final (100%)	20	0	28-Mar-16 A	06-May-16 A													
DDR04-050	Design Drainage Pkg. 01 - Final (100%)	20	0	28-Mar-16 A	27-May-16 A													
DRD02-070	Design Roadway Pkg. 02 - Release for Construction (RFC)	10	0	23-May-16 A	02-Aug-16 A													
DRD02-090	Roadway Pkg. 02 - Final Concurrency (RFC)	2	0	02-Jun-16 A	02-Aug-16 A													
DDR04-070	Design Drainage Pkg. 01 - Release for Construction (RFC)	20	0	29-Jun-16 A	23-Sep-16 A													
DDR04-090	Drainage Pkg. 01 - Final Concurrency (RFC)	2	0	30-Jun-16 A	23-Sep-16 A													
DDR05-070	Design Drainage Pkg. 02 - Release for Construction (RFC)	20	0	14-Jun-16 A	09-Dec-16 A													
DDR05-090	Drainage Pkg. 02 - Final Concurrency (RFC)	2	0	14-Jun-16 A	09-Dec-16 A													
<b>Traffic/ITS</b>		215	0	10-Sep-15 A	20-Jan-17 A													
<b>Traffic/ITS Package 1</b>		215	0	10-Sep-15 A	20-Jan-17 A													

█ Remaining Level of Effort   
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█ Remaining Work   
◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DTI01-010	Design Traffic/ITS Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	03-Dec-15 A													
DTI01-030	Design Traffic/ITS Pkg. 01 - Intermediate (65%)	40	0	21-Jan-16 A	25-Mar-16 A													
DTI01-050	Design Traffic/ITS Pkg. 01 - Final (100%)	25	0	17-May-16 A	11-Aug-16 A													
DTI01-070	Design Traffic/ITS Pkg. 01 - Release for Construction (RFC)	10	0	14-Sep-16 A	20-Jan-17 A													
DTI01-090	Traffic/ITS Pkg. 01 - Final Concurrence (RFC)	2	0	14-Sep-16 A	20-Jan-17 A													
<b>Traffic/Illumination</b>		<b>213</b>	<b>0</b>	<b>21-Jan-16 A</b>	<b>17-Jan-17 A</b>													
<b>Traffic/Illumination</b>		<b>213</b>	<b>0</b>	<b>21-Jan-16 A</b>	<b>17-Jan-17 A</b>													
DTI01-90	Design Traffic/Illumination Pkg. 01 - Intermediate (65%)	40	0	21-Jan-16 A	08-Apr-16 A													
DTI01-110	Design Traffic/Illumination Pkg. 01 - Final (100%)	25	0	15-Apr-16 A	12-Oct-16 A													
DTI01-130	Design Traffic/Illumination Pkg. 01 - Release for Construction (RFC)	10	0	10-Nov-16 A	17-Jan-17 A													
DTI01-150	Traffic/Illumination Pkg. 01 - Final Concurrence (RFC)	2	0	10-Nov-16 A	17-Jan-17 A													
<b>Wall Packages</b>		<b>324</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>24-Mar-17 A</b>													
<b>Wall Package 0 (Early)</b>		<b>146</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>11-May-16 A</b>													
DEWL01-10	Design Early Wall Pkg. 01 - Preliminary (30%)	30	0	10-Sep-15 A	20-Nov-15 A													
DEWL01-50	Design Early Wall Pkg. 01 - Final (100%)	25	0	25-Jan-16 A	19-Feb-16 A													
DEWL01-70	Design Early Wall Pkg. 01 - Release for Construction (RFC)	10	0	23-Mar-16 A	11-May-16 A													
DEWL01-90	Early Wall Pkg. 01 - Final Concurrence (RFC)	2	0	23-Mar-16 A	11-May-16 A													
<b>Wall Package 1</b>		<b>166</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>25-Jun-16 A</b>													
DWL01-010	Design Wall Pkg. 01 - Preliminary (30%)	25	0	10-Sep-15 A	20-Nov-15 A													
DWL01-030	Design Wall Pkg. 01 - Intermediate (65%)	25	0	25-Jan-16 A	09-Feb-16 A													
DWL01-050	Design Wall Pkg. 01 - Final (100%)	15	0	19-Feb-16 A	04-Apr-16 A													
DWL01-070	Design Wall Pkg. 01 - Release for Construction (RFC)	10	0	06-May-16 A	13-May-16 A													
DWL01-090	Wall Pkg. 01 - Final Concurrence (RFC)	2	0	03-Jun-16 A	25-Jun-16 A													
<b>Wall Package 2</b>		<b>128</b>	<b>0</b>	<b>23-Nov-15 A</b>	<b>05-Aug-16 A</b>													
DWL02-010	Design Wall Pkg. 02 - Preliminary (30%)	25	0	23-Nov-15 A	15-Jan-16 A													
DWL02-030	Design Wall Pkg. 02 - Intermediate (65%)	25	0	19-Feb-16 A	21-Mar-16 A													
DWL02-050	Design Wall Pkg. 02 - Final (100%)	15	0	02-May-16 A	25-May-16 A													
DWL02-070	Design Wall Pkg. 02 - Release for Construction (RFC)	10	0	27-Jun-16 A	05-Aug-16 A													
DWL02-090	Wall Pkg. 02 - Final Concurrence (RFC)	2	0	27-Jun-16 A	05-Aug-16 A													
<b>Wall Package 3</b>		<b>199</b>	<b>0</b>	<b>22-Dec-15 A</b>	<b>21-Oct-16 A</b>													
DWL03-010	Design Wall Pkg. 03 - Preliminary (30%)	25	0	22-Dec-15 A	22-Feb-16 A													
DWL03-030	Design Wall Pkg. 03 - Intermediate (65%)	25	0	01-Apr-16 A	29-Apr-16 A													
DWL03-050	Design Wall Pkg. 03 - Final (100%)	15	0	07-Jun-16 A	15-Aug-16 A													
DWL03-070	Design Wall Pkg. 03 - Release for Construction (RFC)	10	0	12-Sep-16 A	21-Oct-16 A													
DWL03-090	Wall Pkg. 03 - Final Concurrence (RFC)	2	0	12-Sep-16 A	21-Oct-16 A													
<b>Wall Package 4</b>		<b>282</b>	<b>0</b>	<b>22-Dec-15 A</b>	<b>24-Mar-17 A</b>													
DWL04-030	Design Wall Pkg. 04 - Intermediate (65%)	25	0	22-Dec-15 A	13-Jun-16 A													
DWL04-050	Design Wall Pkg. 04 - Final (100%)	15	0	15-Jul-16 A	11-Aug-16 A													
DWL04-070	Design Wall Pkg. 04 - Release for Construction (RFC)	10	0	02-Sep-16 A	06-Oct-16 A													
DWL04-090	Wall Pkg. 04 - Final Concurrence (RFC)	2	0	02-Sep-16 A	06-Oct-16 A													
DWL05-050	Design Wall Pkg. 05 - Final (100%)	15	0	05-Dec-16 A	20-Dec-16 A													
DWL05-070	Design Wall Pkg. 05 - Release for Construction (RFC)	5	0	19-Jan-17 A	24-Mar-17 A													
DWL05-090	Wall Pkg. 05 - Final Concurrence (RFC)	1	0	19-Jan-17 A	24-Mar-17 A													
<b>Bridge Packages</b>		<b>478</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>16-Mar-17 A</b>													
<b>Bridge Package 0 (Early 1)</b>		<b>176</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>15-Apr-16 A</b>													
DEBR01-10	Design Early Bridge Pkg. 01 - Preliminary (30%)	50	0	10-Sep-15 A	23-Oct-15 A													
DEBR01-50	Design Early Bridge Pkg. 01 - Final (100%)	30	0	20-Nov-15 A	19-Feb-16 A													
DEBR01-70	Design Early Bridge Pkg. 01 - Release for Construction (ERFC)	15	0	24-Mar-16 A	15-Apr-16 A													

█ Remaining Level of Effort   
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 █ Critical Remaining Work  
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 ◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DEBR01-90	Early Bridge Pkg. 01 - Final Concurrence (ERFC)	5	0	28-Mar-16 A	15-Apr-16 A													
DSDE01-50	Early Bridge Pkg. 01 - Shop Drawings, Fabrication and Delivery	60	0	28-Mar-16 A	15-Apr-16 A													
<b>Bridge Package 0 (Early 2)</b>		<b>199</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>30-Jun-16 A</b>													
DEBR01-100	Design Early Bridge Pkg. 02 - Preliminary (30%)	50	0	10-Sep-15 A	23-Oct-15 A													
DEBR01-120	Design Early Bridge Pkg. 02 - Final (100%)	30	0	20-Nov-15 A	19-Feb-16 A													
DEBR01-140	Design Early Bridge Pkg. 02 - Release for Construction (ERFC)	15	0	16-May-16 A	30-Jun-16 A													
DEBR01-160	Early Bridge Pkg. 02 - Final Concurrence (ERFC)	15	0	16-May-16 A	30-Jun-16 A													
DSDE01-60	Early Bridge Pkg. 02 - Shop Drawings, Fabrication and Delivery	40	0	27-Jun-16 A	30-Jun-16 A													
<b>Bridge Package 1a</b>		<b>223</b>	<b>0</b>	<b>10-Sep-15 A</b>	<b>15-Jan-17 A</b>													
DBR01-010	Design Bridge Pkg. 01a - Preliminary (30%)	30	0	10-Sep-15 A	23-Oct-15 A													
DBR01-030	Design Bridge Pkg. 01a - Intermediate (65%)	35	0	17-Nov-15 A	21-Jan-16 A													
DBR01-050	Design Bridge Pkg. 01a - Final (100%)	25	0	29-Feb-16 A	01-Apr-16 A													
DBR01-070	Design Bridge Pkg. 01a - Release for Construction (RFC)	10	0	25-Apr-16 A	17-Jun-16 A													
DBR01-090	Bridge Pkg. 01a - Final Concurrence (RFC)	14	0	20-May-16 A	17-Jun-16 A													
DSD01-100	Bridge Pkg. 01a - Shop Drawings, Fabrication and Delivery	85	0	22-Apr-16 A	15-Jan-17 A													
<b>Bridge Package 1b</b>		<b>224</b>	<b>0</b>	<b>19-Oct-15 A</b>	<b>15-Jan-17 A</b>													
DBR02-010	Design Bridge Pkg. 01b - Preliminary (30%)	30	0	19-Oct-15 A	02-Nov-15 A													
DBR02-030	Design Bridge Pkg. 01b - Intermediate (65%)	35	0	20-Nov-15 A	29-Jan-16 A													
DBR02-050	Design Bridge Pkg. 01b - Final (100%)	22	0	19-Feb-16 A	12-Apr-16 A													
DBR02-070	Design Bridge Pkg. 01b - Release for Construction (RFC)	10	0	11-May-16 A	21-Jul-16 A													
DBR02-090	Bridge Pkg. 01b - Final Concurrence (RFC)	2	0	19-May-16 A	21-Jul-16 A													
DSD02-100	Bridge Pkg. 01b - Shop Drawings, Fabrication and Delivery	85	0	22-Jul-16 A	15-Jan-17 A													
<b>Bridge Package 1c</b>		<b>379</b>	<b>0</b>	<b>19-Oct-15 A</b>	<b>15-Jan-17 A</b>													
DBR1c-010	Design Bridge Pkg. 01c - Preliminary (30%)	30	0	19-Oct-15 A	14-Dec-15 A													
DBR1c-030	Design Bridge Pkg. 01c - Intermediate (65%)	35	0	16-Dec-15 A	22-Mar-16 A													
DBR1c-050	Design Bridge Pkg. 01c - Final (100%)	30	0	04-Apr-16 A	01-Jun-16 A													
DBR1c-090	Bridge Pkg. 01c - Final Concurrence (RFC)	2	0	21-Jun-16 A	25-Jul-16 A													
DBR1c-070	Design Bridge Pkg. 01c - Release for Construction (RFC)	20	0	21-Jun-16 A	25-Jul-16 A													
DSD1c-100	Bridge Pkg. 01c - Shop Drawings, Fabrication and Delivery	66	0	22-Jul-16 A	15-Jan-17 A													
<b>Bridge Package 2a</b>		<b>380</b>	<b>0</b>	<b>16-Mar-16 A</b>	<b>16-Mar-17 A</b>													
DBR03-010	Design Bridge Pkg. 02a - Preliminary (30%)	30	0	16-Mar-16 A	29-Apr-16 A													
DBR03-030	Design Bridge Pkg. 02a - Intermediate (65%)	35	0	20-May-16 A	02-Aug-16 A													
DBR03-050	Design Bridge Pkg. 02a - Final (100%)	30	0	03-Aug-16 A	19-Jan-17 A													
DBR03-070	Design Bridge Pkg. 02a - Release for Construction (RFC)	20	0	08-Feb-17 A	16-Mar-17 A													
DBR03-090	Bridge Pkg. 02a - Final Concurrence (RFC)	2	0	08-Feb-17 A	16-Mar-17 A													
DSD03-100	Bridge Pkg. 02a - Shop Drawings, Fabrication and Delivery	85	0	03-Aug-16 A	16-Mar-17 A													
<b>Bridge Package 2b</b>		<b>380</b>	<b>0</b>	<b>16-Mar-16 A</b>	<b>20-Dec-16 A</b>													
DBR04-010	Design Bridge Pkg. 02b - Preliminary (30%)	30	0	16-Mar-16 A	06-May-16 A													
DBR04-030	Design Bridge Pkg. 02b - Intermediate (65%)	35	0	16-Jun-16 A	22-Jul-16 A													
DBR04-050	Design Bridge Pkg. 02b - Final (100%)	30	0	20-Aug-16 A	30-Sep-16 A													
DBR04-070	Design Bridge Pkg. 02b - Release for Construction (RFC)	20	0	29-Oct-16 A	20-Dec-16 A													
DBR04-090	Bridge Pkg. 02b - Final Concurrence (RFC)	2	0	29-Oct-16 A	20-Dec-16 A													
DSD04-100	Bridge Pkg. 02b - Shop Drawings, Fabrication and Delivery	85	0	20-Aug-16 A	20-Dec-16 A													
<b>Bridge Package 2c</b>		<b>264</b>	<b>0</b>	<b>21-Aug-16 A</b>	<b>06-Feb-17 A</b>													
DBR05-050	Design Bridge Pkg. 02c - Final (100%)	30	0	21-Aug-16 A	20-Sep-16 A													
DBR05-070	Design Bridge Pkg. 02c - Release for Construction (RFC)	20	0	24-Oct-16 A	06-Feb-17 A													
DBR05-090	Bridge Pkg. 02c - Final Concurrence (RFC)	2	0	24-Oct-16 A	06-Feb-17 A													
DSD05-100	Bridge Pkg. 02c - Shop Drawings, Fabrication and Delivery	85	0	21-Aug-16 A	06-Feb-17 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>Traffic Signal Packages</b>							185	0	10-Sep-15 A	29-Aug-16 A								
<b>Traffic Signal Package 1</b>							185	0	10-Sep-15 A	29-Aug-16 A								
DTS01-010	Design Traffic Signals Pkg. 01 - Preliminary (30%)	40	0	10-Sep-15 A	03-Dec-15 A													
DTS01-030	Design Traffic Signals Pkg. 01 - Intermediate (65%)	35	0	04-Jan-16 A	07-Mar-16 A													
DTS01-050	Design Traffic Signals Pkg. 01 - Final (100%)	25	0	12-Apr-16 A	20-May-16 A													
DTS01-070	Design Traffic Signals Pkg. 01 - Release for Construction (RFC)	10	0	21-Jun-16 A	29-Aug-16 A													
DTS01-090	Traffic Signals Pkg. 01 - Final Concurrence (RFC)	2	0	21-Jun-16 A	29-Aug-16 A													
<b>Pavement Marking/Sign Packages</b>							159	0	10-Sep-15 A	16-Jan-17 A								
<b>Pavement Marking/Sign Package 1</b>							159	0	10-Sep-15 A	16-Jan-17 A								
DTP01-010	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Preliminary (30%)	45	0	10-Sep-15 A	03-Dec-15 A													
DTP01-030	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Intermediate (65%)	40	0	04-Dec-15 A	03-Mar-16 A													
DTP01-050	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Final (100%)	25	0	13-Apr-16 A	20-May-16 A													
DTP01-090	Traffic Pvmt Mrk/Signs Pkg. 01 - Final Concurrence (RFC)	2	0	20-Jun-16 A	16-Jan-17 A													
DTP01-070	Design Traffic Pvmt Mrk/Signs Pkg. 01 - Release for Construction (RFC)	10	0	20-Jun-16 A	16-Jan-17 A													
<b>Landscaping Packages</b>							204	0	06-Feb-16 A	21-Mar-17 A								
<b>Landscaping Package 1</b>							204	0	06-Feb-16 A	21-Mar-17 A								
DLA01-030	Design Landscaping Pkg. 01 - Intermediate (65%) (Included w/Roadway)	45	0	06-Feb-16 A	05-May-16 A													
DLA01-050	Design Landscaping Pkg. 01 - Final (100%) (Included w/Roadway Pkg.)	30	0	10-Jun-16 A	08-Sep-16 A													
DLA01-070	Design Landscaping Pkg. 01 - Release for Construction (RFC) (Include	20	0	24-Oct-16 A	21-Mar-17 A													
DLA01-090	Design Landscaping Pkg. 01 - Final Concurrence (RFC) (Included w/Rc	2	0	24-Oct-16 A	21-Mar-17 A													
<b>CTRMA/IE Reviews</b>							385	0	24-Oct-15 A	22-May-17 A								
<b>Aesthetics</b>							20	0	04-Apr-17 A	22-May-17 A								
DAE01-020	Review Aesthetics Pkg. 01 - MA, TxDOT and FHWA Master Aesthetics	20	0	04-Apr-17 A	22-May-17 A													
<b>Maintenance of Traffic (MOT)</b>							230	0	17-Nov-15 A	26-Mar-17 A								
DEMO01-20	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DMO01-020	Review MOT Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DMO02-020	Review MOT Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	05-Feb-16 A	10-Feb-16 A													
DMO01-040	Review MOT Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	03-Mar-16 A	26-Mar-16 A													
DEMO01-60	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-Feb-16 A	26-Mar-16 A													
DEMO01-80	Review Early MOT Pkg. 01 - MA, TxDOT and FHWA (RFC)	10	0	01-Apr-16 A	15-Apr-16 A													
DMO01-060	Review MOT Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	09-May-16 A	16-Jun-16 A													
DMO02-040	Review MOT Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	11-Apr-16 A	30-Jun-16 A													
DMO02-060	Review MOT Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	05-Aug-16 A	08-Sep-16 A													
DMO03-060	Review MOT Pkg. 03 - MA, TxDOT and FHWA Final (100%)	20	0	01-Sep-16 A	04-Oct-16 A													
DMO01-080	Review MOT Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	07-Jun-16 A	09-Dec-16 A													
DMO02-080	Review MOT Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	15	0	09-Sep-16 A	09-Dec-16 A													
DMO03-080	Review MOT Pkg. 03 - MA, TxDOT and FHWA Review (RFC)	15	0	26-Sep-16 A	26-Mar-17 A													
<b>Roadway / Drainage</b>							196	0	02-Nov-15 A	09-Dec-16 A								
DERD01-15	Review Early Roadway Pkg. - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DRD01-020	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DRD02-020	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	02-Nov-15 A	24-Nov-15 A													
DDR04-020	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DDR05-020	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	17-Nov-15 A	11-Dec-15 A													
DERD01-60	Review Early Roadway Pkg. - MA, TxDOT and FHWA Final (100%)	20	0	04-Feb-16 A	09-Mar-16 A													
DRD01-040	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	04-Feb-16 A	09-Mar-16 A													
DRD02-040	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	04-Feb-16 A	09-Mar-16 A													
DDR03-060	Review Early Drainage Pkg. - MA, TxDOT and FHWA Final (100%)	20	0	23-Feb-16 A	21-Mar-16 A													
DDR04-040	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	20-Feb-16 A	25-Mar-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DDR05-040	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	20-Feb-16 A	25-Mar-16 A													
DERD01-80	Review Early Roadway Pkg. - MA, TxDOT and FHWA (RFC)	20	0	16-Mar-16 A	15-Apr-16 A													
DDR03-080	Review Early Drainage Pkg. - MA, TxDOT and FHWA Review (RFC) (C	10	0	11-Apr-16 A	29-Apr-16 A													
DRD01-060	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	21-Apr-16 A	20-May-16 A													
DRD02-060	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	21-Apr-16 A	20-May-16 A													
DDR05-060	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	09-May-16 A	14-Jun-16 A													
DDR04-060	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	30-May-16 A	28-Jun-16 A													
DRD01-080	Review Roadway Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	20	0	26-May-16 A	15-Jul-16 A													
DRD02-080	Review Roadway Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	20	0	31-May-16 A	02-Aug-16 A													
DDR04-080	Review Drainage Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	29-Jun-16 A	23-Sep-16 A													
DDR05-080	Review Drainage Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	20	0	14-Jun-16 A	09-Dec-16 A													
<b>Traffic/ITS</b>		186	0	04-Dec-15 A	20-Jan-17 A													
DTI01-020	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	04-Dec-15 A	20-Jan-16 A													
DTI01-040	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	28-Mar-16 A	17-May-16 A													
DTI01-060	Review Traffic/ITS/ Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	11-Aug-16 A	13-Sep-16 A													
DTI01-080	Review Traffic/ITS Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	14-Sep-16 A	20-Jan-17 A													
<b>Traffic/Illumination</b>		164	0	28-Mar-16 A	17-Jan-17 A													
DTI01-100	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Intermediat	25	0	28-Mar-16 A	15-Apr-16 A													
DTI01-120	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Final (100%	20	0	03-Oct-16 A	09-Nov-16 A													
DTI01-140	Review Traffic/Illumination Pkg. 01 - MA, TxDOT and FHWA Review (RI	15	0	10-Nov-16 A	17-Jan-17 A													
<b>Walls</b>		315	0	21-Nov-15 A	24-Mar-17 A													
DWL01-020	Review Wall Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	21-Nov-15 A	16-Dec-15 A													
DEWL01-20	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	21-Nov-15 A	16-Dec-15 A													
DWL01-040	Review Wall Pkg. 01 - MA, TxDOT and FHWA Intermediate (65%)	25	0	10-Feb-16 A	18-Feb-16 A													
DWL02-020	Review Wall Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	20-Jan-16 A	18-Feb-16 A													
DEWL01-60	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-Feb-16 A	23-Mar-16 A													
DWL03-020	Review Wall Pkg. 03 - MA, TxDOT and FHWA Preliminary (30%)	20	0	23-Feb-16 A	01-Apr-16 A													
DWL02-040	Review Wall Pkg. 02 - MA, TxDOT and FHWA Intermediate (65%)	25	0	21-Mar-16 A	29-Apr-16 A													
DWL01-060	Review Wall Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	04-Apr-16 A	06-May-16 A													
DEWL01-80	Review Early Wall Pkg. 01 - MA, TxDOT and FHWA (RFC)	20	0	23-Mar-16 A	11-May-16 A													
DWL03-040	Review Wall Pkg. 03 - MA, TxDOT and FHWA Intermediate (65%)	25	0	29-Apr-16 A	07-Jun-16 A													
DWL02-060	Review Wall Pkg. 02 - MA, TxDOT and FHWA Final (100%)	20	0	25-May-16 A	24-Jun-16 A													
DWL01-080	Review Wall Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	13-May-16 A	25-Jun-16 A													
DWL04-040	Review Wall Pkg. 04 - MA, TxDOT and FHWA Intermediate (65%)	20	0	14-Jun-16 A	14-Jul-16 A													
DWL02-080	Review Wall Pkg. 02 - MA, TxDOT and FHWA Review (RFC)	15	0	27-Jun-16 A	05-Aug-16 A													
DWL04-060	Review Wall Pkg. 04 - MA, TxDOT and FHWA Final (100%)	20	0	11-Aug-16 A	01-Sep-16 A													
DWL03-060	Review Wall Pkg. 03 - MA, TxDOT and FHWA Final (100%)	20	0	15-Aug-16 A	10-Sep-16 A													
DWL04-080	Review Wall Pkg. 04 - MA, TxDOT and FHWA Review (RFC)	15	0	02-Sep-16 A	06-Oct-16 A													
DWL03-080	Review Wall Pkg. 03 - MA, TxDOT and FHWA Review (RFC)	20	0	12-Sep-16 A	21-Oct-16 A													
DWL05-060	Review Wall Pkg. 05 - MA, TxDOT and FHWA Final (100%)	20	0	21-Dec-16 A	19-Jan-17 A													
DWL05-080	Review Wall Pkg. 05 - MA, TxDOT and FHWA Review (RFC)	10	0	19-Jan-17 A	24-Mar-17 A													
<b>Bridges</b>		379	0	24-Oct-15 A	16-Mar-17 A													
DBR01-020	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	16-Nov-15 A													
DEBR01-15	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	20-Nov-15 A													
DBR02-020	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Preliminary (30%)	20	0	03-Nov-15 A	20-Nov-15 A													
DEBR01-110	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA Preliminary (30%)	20	0	24-Oct-15 A	20-Nov-15 A													
DBR1c-020	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Preliminary (30%)	20	0	15-Dec-15 A	14-Jan-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone



183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
DBR02-040	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Intermediate (65%)	25	0	30-Jan-16 A	18-Feb-16 A													
DBR01-040	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Intermediate (65%)	25	0	22-Jan-16 A	26-Feb-16 A													
DEBR01-60	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA Final (100%)	25	0	20-Feb-16 A	23-Mar-16 A													
DBR1c-040	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Intermediate (65%)	25	0	23-Mar-16 A	01-Apr-16 A													
DEBR01-80	Review Early Bridge Pkg. 01 - MA, TxDOT and FHWA (ERFC) (FRM)	5	0	28-Mar-16 A	15-Apr-16 A													
DBR01-060	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Final (100%)	20	0	01-Apr-16 A	22-Apr-16 A													
DBR02-060	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Final (100%)	20	0	12-Apr-16 A	11-May-16 A													
DEBR01-130	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA Final (100%)	15	0	25-Apr-16 A	13-May-16 A													
DEBR01-150	Review Early Bridge Pkg. 02 - MA, TxDOT and FHWA (ERFC) (FRM)	15	0	25-Apr-16 A	13-May-16 A													
DBR03-020	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Preliminary (30%)	20	0	29-Apr-16 A	20-May-16 A													
DBR04-020	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Preliminary (30%)	20	0	06-May-16 A	16-Jun-16 A													
DBR01-080	Review Bridge Pkg. 01a - MA, TxDOT and FHWA Review (RFC)	20	0	02-May-16 A	17-Jun-16 A													
DBR1c-060	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Final (100%)	20	0	02-Jun-16 A	20-Jun-16 A													
DBR02-080	Review Bridge Pkg. 01b - MA, TxDOT and FHWA Review (RFC)	20	0	18-May-16 A	21-Jul-16 A													
DBR1c-080	Review Bridge Pkg. 01c - MA, TxDOT and FHWA Review (RFC)	15	0	21-Jun-16 A	25-Jul-16 A													
DBR03-040	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Intermediate (65%)	25	0	02-Aug-16 A	02-Aug-16 A													
DBR04-040	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Intermediate (65%)	25	0	01-Aug-16 A	19-Aug-16 A													
DBR05-060	Review Bridge Pkg. 02c - MA, TxDOT and FHWA Final (100%)	20	0	21-Sep-16 A	11-Oct-16 A													
DBR04-060	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Final (100%)	20	0	03-Oct-16 A	28-Oct-16 A													
DBR04-080	Review Bridge Pkg. 02b - MA, TxDOT and FHWA Review (RFC)	20	0	29-Oct-16 A	20-Dec-16 A													
DBR05-080	Review Bridge Pkg. 02c - MA, TxDOT and FHWA Review (RFC)	20	0	24-Oct-16 A	06-Feb-17 A													
DBR03-060	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Final (100%)	9	0	19-Jan-17 A	07-Feb-17 A													
DBR03-080	Review Bridge Pkg. 02a - MA, TxDOT and FHWA Review (RFC)	15	0	08-Feb-17 A	16-Mar-17 A													
<b>Traffic Signals</b>		160	0	04-Dec-15 A	29-Aug-16 A													
DTS01-020	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Preliminary (3C	20	0	04-Dec-15 A	28-Dec-15 A													
DTS01-040	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Intermediate (€	25	0	07-Mar-16 A	12-Apr-16 A													
DTS01-060	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	20-May-16 A	20-Jun-16 A													
DTS01-080	Review Traffic Signals Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	15	0	21-Jun-16 A	29-Aug-16 A													
<b>Pavement Markings / Signs</b>		158	0	04-Dec-15 A	16-Jan-17 A													
DTP01-020	Review [Not Required at 30% Per Technical Provisions]	20	0	04-Dec-15 A	04-Dec-15 A													
DTP01-040	Review Traffic Pvmr Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Interr	25	0	03-Mar-16 A	13-Apr-16 A													
DTP01-060	Review Traffic Pvmr Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Final (	20	0	20-May-16 A	20-Jun-16 A													
DTP01-080	Review Traffic Pvmr Mrk/Signs Pkg. 01 - MA, TxDOT and FHWA Revie	15	0	20-Jun-16 A	16-Jan-17 A													
<b>Landscaping</b>		141	0	06-May-16 A	21-Mar-17 A													
DLA01-040	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Intermediate (6€	25	0	06-May-16 A	10-Jun-16 A													
DLA01-060	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Final (100%)	20	0	09-Sep-16 A	11-Oct-16 A													
DLA01-080	Review Landscaping Pkg. 01 - MA, TxDOT and FHWA Review (RFC)	20	0	24-Oct-16 A	21-Mar-17 A													
<b>Construction</b>		901	558	01-Oct-15 A	03-Nov-19	0												
<b>General</b>		901	131	01-Oct-15 A	03-Nov-19	0												
CSWP-010	Install Erosion Control Per SWPPP	10	0	05-Apr-16 A	26-Aug-16 A													
CMISC-089	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Interim)	10	10	12-Apr-19	26-Apr-19	-93												
CTS9998	Open Main Lanes from Sta 205+00 to 395+00 (to GPs up to 420+00); In	4	4	29-Apr-19	02-May-19	-93												
CMISC-099	Striping / Guardrail / Misc. Roadway Activities and Cleanup (Final)	18	18	17-Oct-19	03-Nov-19	0												
<b>Mobilization</b>		60	0	01-Oct-15 A	30-Aug-16 A													
ADMIN-920	CRC Mobilize Construction Staff and Equipment and Set Up Yard(s), Pl	60	0	01-Oct-15 A	30-Aug-16 A													
<b>Frontage Roads / General Purpose</b>		817	541	05-Apr-16 A	07-Oct-19	17												
<b>Removals</b>		770	0	05-Apr-16 A	08-Sep-16 A													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>ROW Preparation</b>		770	0	05-Apr-16 A	08-Sep-16 A													
CCG0620	Clear/Grub/Removals - NBGP - Sta. 250+00 to 320+00	6	0	05-Apr-16 A	14-Apr-16 A													
CCG0140	Clear/Grub/Removals - NBML to NBGP Exit Ramp - Sta. 267+00 to 275	2	0	05-Apr-16 A	14-Apr-16 A													
CCG8670	Clear/Grub/Removals - NBGP Outside - Sta. 230+00 to 250+00	2	0	25-Apr-16 A	28-Apr-16 A													
CCG0770	Clear/Grub/Removals - SBGP - Sta. 246+00 to 300+00	3	0	02-May-16 A	03-May-16 A													
CCG0160	Clear/Grub/Removals - NBGP Inside - Sta. 185+00 to 227+00	5	0	02-May-16 A	13-May-16 A													
CCG0060	Clear/Grub/Removals - SBGP Outside - Sta. 210+00 to 230+00	3	0	02-May-16 A	13-May-16 A													
CCG0780	Clear/Grub/Removals - NBGP Outside - Sta. 320+00 to 370+00	3	0	02-May-16 A	10-Jun-16 A													
CCG0800	Clear/Grub/Removals - SBGP Outside - Sta. 320+00 to 370+00	3	0	02-May-16 A	24-Jun-16 A													
CCG0180	Clear/Grub/Removals - SBGP Inside - Sta. 210+00 to 230+00	3	0	12-Jul-16 A	13-Jul-16 A													
CCG0890	Clear/Grub/Removals - NBGP Inside - Sta. 320+00 to 370+00	2	0	12-Jul-16 A	14-Jul-16 A													
CCG0860	Clear/Grub/Removals - NBGD Lanes - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	14-Jul-16 A													
CCG0870	Clear/Grub/Removals - SBGD Lanes - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	14-Jul-16 A													
CCG0910	Clear/Grub/Removals - SBGP Inside - Sta. 320+00 to 370+00	3	0	12-Jul-16 A	15-Jul-16 A													
CCG8680	Clear/Grub/Removals - NBGP Inside - Sta. 230+00 to 250+00	3	0	12-Jul-16 A	15-Jul-16 A													
CCG0040	Clear/Grub/Removals - NBGP Outside - Sta. 185+00 to 227+00	3	0	14-Jul-16 A	19-Jul-16 A													
CCG1010	Clear/Grub/Removals - NBGP - Sta. 370+00 to 425+00	4	0	18-Jul-16 A	22-Jul-16 A													
CCG1060	Clear/Grub/Removals - SBGP - Sta. 370+00 to 425+00	5	0	18-Jul-16 A	25-Jul-16 A													
CCG1140	Clear/Grub/Removals - NBGP Inside - Sta. 437+00 to 445+00	1	0	01-Aug-16 A	02-Aug-16 A													
CCG1130	Clear/Grub/Removals - NBGP Outside - Sta. 437+00 to 445+00	1	0	01-Aug-16 A	02-Aug-16 A													
CCG1050	Clear/Grub/Removals - NBGP - Sta. 425+00 to 437+00	1	0	01-Aug-16 A	02-Aug-16 A													
CCG1100	Clear/Grub/Removals - NBGP - Sta. 445+00 to 464+00	2	0	01-Aug-16 A	03-Aug-16 A													
CCG2410	Clear/Grub/Removals - NBGP - Sta. 464+00 to 482+00	2	0	01-Aug-16 A	03-Aug-16 A													
CCG2420	Clear/Grub/Removals - SBGP - Sta. 462+00 to 476+00	2	0	01-Aug-16 A	03-Aug-16 A													
CCG1640	Clear/Grub/Removals - NBGP - Sta. 488+00 to 502+00 Inside	1	0	03-Aug-16 A	04-Aug-16 A													
CCG2030	Clear/Grub/Removals - NBGP - Sta. 524+00 to 535+00	1	0	03-Aug-16 A	04-Aug-16 A													
CCG2400	Clear/Grub/Removals - NBGP Inside - Sta. 535+00 to 555+00	1	0	03-Aug-16 A	04-Aug-16 A													
CCG2200	Clear/Grub/Removals - NBGP Outside - Sta. 535+00 to 555+00	1	0	03-Aug-16 A	04-Aug-16 A													
CCG1090	Clear/Grub/Removals - SBGP - Sta. 425+00 to 462+00	3	0	01-Aug-16 A	04-Aug-16 A													
CCG1700	Clear/Grub/Removals - NBGP - Sta. 490+00 to 510+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1660	Clear/Grub/Removals - SBGP - Sta. 494+00 to 504+00	1	0	03-Aug-16 A	05-Aug-16 A													
CCG1760	Clear/Grub/Removals - SBGP - Sta. 526+00 to 530+50	1	0	03-Aug-16 A	05-Aug-16 A													
CCG2270	Clear/Grub/Removals - SBGP - Sta. 571+00 to 580+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1115	Clear/Grub/Removals - SBGP - Sta. 560+00 to 571+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG8630	Clear/Grub/Removals - NBML - Sta. 535+00 to 543+50	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1210	Clear/Grub/Removals - NBGP - Sta. 555+00 to 588+00	3	0	03-Aug-16 A	08-Aug-16 A													
CCG1450	Clear/Grub/Removals - SBGP - Sta. 530+00 to 560+00	3	0	03-Aug-16 A	09-Aug-16 A													
CCG2150	Clear/Grub/Removals - SB to WBFR - Sta. 585+00 to 597+00	2	0	08-Aug-16 A	11-Aug-16 A													
CCG0630	Clear/Grub/Removals - SBGP - Sta. 300+00 to 320+00	6	0	18-Jul-16 A	26-Aug-16 A													
CCG1190	Clear/Grub/Removals - SUP to Ped Overlook at Boggy Creek - Sta. 425	1	0	07-Sep-16 A	08-Sep-16 A													
<b>Earthwork</b>		771	513	22-Jun-16 A	23-Aug-19	18												
<b>Excavation</b>		771	513	22-Jun-16 A	23-Aug-19	18												
CEW0180	Earthwork - SBGP Inside - Sta. 210+00 to 230+00	8	0	14-Jul-16 A	26-Sep-16 A													
CEW0160	Earthwork - NBGP Inside - Sta. 185+00 to 227+00	7	0	22-Jun-16 A	27-Sep-16 A													
CEW8680.1	Earthwork - NBGP Inside - Sta. 230+00 to 250+00 (1/3)	14	0	14-Nov-16 A	16-Nov-16 A													
CEW1450.1	Earthwork - SBGP - Sta. 530+00 to 560+00 (1/2)	2	0	06-Dec-16 A	07-Dec-16 A													
CEW8690	Earthwork - SBGP Sta. 230+00 to 246+00	7	0	17-Oct-16 A	20-Jan-17 A													

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CEW8670	Earthwork - NBGP Outside - Sta. 230+00 to 250+00	7	0	01-Aug-16 A	02-Feb-17 A													
CEW0040	Earthwork - NBGP Outside - Sta. 185+00 to 227+00	9	0	02-Feb-17 A	16-Mar-17 A													
CEW0800.1	Earthwork - SBGP Outside - Sta. 335+00 to 339+00 (Fastrack)	27	0	08-Aug-16 A	16-Mar-17 A													
CEW0060	Earthwork - SBGP Outside - Sta. 210+00 to 230+00	9	0	08-Mar-17 A	20-Mar-17 A													
CEW8680.2	Earthwork - NBGP Inside - Sta. 230+00 to 238+00 (2/3)	12	0	31-Mar-17 A	10-Apr-17 A													
CEW0770	Earthwork - SBGP Sta. 246+00 to 300+00	25	5	17-Oct-16 A	03-Jul-17	103												
CEW0140	Earthwork - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	4	4	07-Jul-17	13-Jul-17	147												
CEW8680.3	Earthwork - NBGP Inside - Sta. 238+00 to 250+00 (3/3)	12	12	14-Jul-17	31-Jul-17	59												
CEW0780	Earthwork - NBGP Outside - Sta. 320+00 to 370+00	36	26	08-Aug-16 A	02-Aug-17	32												
CEW0630	Earthwork - SBGP - Sta. 300+00 to 320+00	20	13	14-Jul-16 A	10-Aug-17	73												
CEW0800.2	Earthwork - SBGP Outside - Sta. 320+00 to 370+00	27	27	08-Aug-16 A	11-Aug-17	7												
CEW0620.2	Earthwork - NBGP - Sta. 301+00 to 320+00	18	18	14-Jul-16 A	17-Aug-17	4												
CEW0620	Earthwork - NBGP - Sta. 250+00 to 301+00	45	28	14-Jul-16 A	23-Aug-17	59												
CEW0910	Earthwork - SBGP Inside - Sta. 320+00 to 370+00	27	27	08-Aug-16 A	31-Aug-17	43												
CEW1100	Earthwork - NBGP - Sta. 445+00 to 464+00	4	4	15-Sep-17	22-Sep-17	63												
CEW1060	Earthwork - SBGP - Sta. 370+00 to 425+00	47	47	29-Oct-16 A	25-Sep-17	7												
CEW1190	Earthwork - SUP to Ped Overlook at Boggy Creek - Sta. 429+00 to 432-	7	44	15-May-17 A	27-Sep-17	316												
CEW1660	Earthwork - SBGP - Sta. 494+00 to 504+00	14	14	06-Jun-17 A	28-Sep-17	127												
CEW1130	Earthwork - NBGP Outside - Sta. 437+00 to 445+00	7	7	25-Sep-17	04-Oct-17	42												
CEW0870	Earthwork - SBCD Lanes - Sta. 320+00 to 370+00	35	35	01-Nov-16 A	19-Oct-17	16												
CEW1050	Earthwork - NBGP - Sta. 425+00 to 437+00	30	30	15-Sep-17	02-Nov-17	45												
CEW1010	Earthwork - NBGP - Sta. 370+00 to 425+00	49	40	29-Oct-16 A	07-Nov-17	4												
CEW1090	Earthwork - SBGP - Sta. 425+00 to 462+00	30	30	25-Sep-17	08-Nov-17	7												
CEW0860	Earthwork - NBCD Lanes - Sta. 320+00 to 370+00	33	33	01-Nov-16 A	20-Nov-17	29												
CEW0890	Earthwork - NBGP Inside - Sta. 320+00 to 370+00	21	21	21-Oct-16 A	27-Nov-17	10												
CEW1450.2	Earthwork - SBGP - Sta. 530+00 to 560+00 (2/2)	11	11	11-Dec-17	27-Dec-17	3												
CEW1140	Earthwork - NBGP Inside - Sta. 437+00 to 445+00	8	8	18-Dec-17	29-Dec-17	8												
CEW1210	Earthwork - NBGP - Sta. 555+00 to 588+00	29	29	01-Mar-17 A	23-Feb-18	35												
CEW1640	Earthwork - NBGP - Sta. 488+00 to 502+00 Inside	5	5	05-Apr-18	11-Apr-18	122												
CEW1760	Earthwork - SBGP - Sta. 526+00 to 530+50	16	16	11-Jun-18	05-Jul-18	84												
CEW2030	Earthwork - NBGP - Sta. 524+00 to 535+00	4	4	05-Jul-18	10-Jul-18	89												
CEW1700	Earthwork - NBGP - Sta. 490+00 to 510+00	7	7	12-Jul-18	20-Jul-18	95												
CEW2200	Earthwork - NBGP Outside - Sta. 535+00 to 555+00	2	2	05-Feb-19	06-Feb-19	56												
CEW2150	Earthwork - SB to WBFR - Sta. 585+00 to 597+00	13	13	28-Jan-19	13-Feb-19	32												
CEW1115	Earthwork - SBGP - Sta. 560+00 to 571+00	9	9	12-Feb-19	25-Feb-19	98												
CEW2400	Earthwork - NBGP Inside - Sta. 535+00 to 555+00	1	1	04-Mar-19	04-Mar-19	129												
CEW2270	Earthwork - SBGP - Sta. 571+00 to 580+00	5	5	28-Mar-19	03-Apr-19	98												
CEW2420	Earthwork - SBGP - Sta. 462+00 to 476+00	3	3	03-Jun-19	06-Jun-19	62												
CEW2410	Earthwork - NBGP - Sta. 464+00 to 482+00	25	25	18-Jul-19	23-Aug-19	15												
<b>Landscaping</b>		<b>326</b>	<b>326</b>	<b>21-May-18</b>	<b>07-Oct-19</b>	<b>17</b>												
<b>Special Aesthetic Landscape</b>		<b>326</b>	<b>326</b>	<b>21-May-18</b>	<b>07-Oct-19</b>	<b>17</b>												
CLS-0125	Install 51st Parking Area and Trailhead (Change Order #6)	45	45	21-May-18	30-Jul-18	298												
CLS-0120	Install Landscaping (Little Walnut Creek Trailhead)	50	50	18-Apr-19	08-Jul-19	17												
CLS-0140	Install Landscaping (Boggy Creek Trailhead)	50	50	18-Apr-19	08-Jul-19	77												
CLS-0160	Install Landscaping (Colorado River Trailhead)	60	60	09-Jul-19	07-Oct-19	17												
<b>Subgrade Treatment and Base</b>		<b>712</b>	<b>519</b>	<b>14-Jul-16 A</b>	<b>03-Sep-19</b>	<b>28</b>												
<b>Lime Treatment and Other</b>		<b>689</b>	<b>505</b>	<b>18-Oct-16 A</b>	<b>03-Sep-19</b>	<b>17</b>												

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CCB0180	Construct CTB - SBGP Inside - Sta 210+00 to 230+00	3	0	18-Oct-16 A	19-Oct-16 A													
CCB0160	Construct CTB - NBGP Inside - Sta. 185+00 to 227+00	3	0	19-Oct-16 A	27-Oct-16 A													
CCB8690	Construct CTB - SBGP Sta 230+00 to 246+00	5	0	08-Feb-17 A	10-Feb-17 A													
CCB8670	Construct CTB - NBGP Outside - Sta. 230+00 to 250+00	5	0	09-Feb-17 A	11-Feb-17 A													
CCB0800.1	Construct CTB - SBGP Outside - Sta 368+00 to 370+00 (Fastrack)	8	0	19-Mar-17 A	19-Mar-17 A													
CCB0060	Construct CTB - SBGP Outside - Sta 210+00 to 230+00	5	0	17-Feb-17 A	03-May-17 A													
CCB0040	Construct CTB - NBGP Outside - Sta. 185+00 to 227+00	5	0	01-Mar-17 A	16-Jun-17 A													
CCB0140	Construct CTB - NBML to NBGP Exit Ramp - Sta 267+00 to 275+00	3	3	17-Jul-17	20-Jul-17	313												
CCB8680	Construct CTB - NBGP Inside - Sta. 230+00 to 250+00	4	4	05-May-17 A	09-Aug-17	285												
CCB0770	Construct CTB - SBGP Sta 246+00 to 300+00	13	13	10-Feb-17 A	14-Aug-17	82												
CCB0620	Construct CTB - NBGP - Sta 250+00 to 301+00	11	11	09-Feb-17 A	07-Sep-17	73												
CCB0800.2	Construct CTB - SBGP Outside - Sta 320+00 to 367+00	8	8	15-Sep-17	27-Sep-17	4												
CCB0780	Construct CTB - NBGP Outside - Sta 320+00 to 370+00	8	8	16-Oct-17	26-Oct-17	-1												
CCB1660	Construct CTB - SBGP - Sta 494+00 to 504+00	7	7	18-Oct-17	26-Oct-17	125												
CCB1050	Construct CTB - NBGP - Sta 425+00 to 437+00	3	3	06-Nov-17	09-Nov-17	45												
CCB1060	Construct CTB - SBGP - Sta 370+00 to 425+00	12	12	27-Oct-17	14-Nov-17	7												
CCB0870	Construct CTB - SBGD Lanes - Sta 320+00 to 370+00	3	3	13-Nov-17	15-Nov-17	11												
CCB1100	Construct CTB - NBGP - Sta 445+00 to 464+00	6	6	09-Nov-17	16-Nov-17	35												
CCB1090	Construct CTB - SBGP - Sta 425+00 to 462+00	9	9	14-Nov-17	28-Nov-17	7												
CCB0910	Construct CTB - SBGP Inside - Sta 320+00 to 370+00	8	8	20-Nov-17	01-Dec-17	4												
CCB1130	Construct CTB - NBGP Outside - Sta 437+00 to 445+00	3	3	30-Nov-17	04-Dec-17	8												
CCB0860	Construct CTB - NBCD Lanes - Sta 320+00 to 370+00	3	3	05-Dec-17	07-Dec-17	26												
CCB1010	Construct CTB - NBGP - Sta 370+00 to 425+00	14	14	16-Nov-17	07-Dec-17	4												
CCB0890	Construct CTB - NBGP Inside - Sta 320+00 to 370+00	8	8	21-Dec-17	03-Jan-18	-1												
CCB1140	Construct CTB - NBGP Inside - Sta 437+00 to 445+00	3	3	04-Jan-18	08-Jan-18	8												
CCB1450	Construct CTB - SBGP - Sta 530+00 to 560+00	8	8	02-Jan-18	11-Jan-18	3												
CCB0630	Construct CTB - SBGP - Sta 300+00 to 320+00	6	6	24-Apr-18	01-May-18	-88												
CCB1210	Construct CTB - NBGP - Sta 555+00 to 588+00	7	7	23-Apr-18	01-May-18	14												
CCB0620.2	Construct CTB - NBGP - Sta 301+00 to 320+00	4	4	21-May-18	25-May-18	-93												
CCB1640	Construct CTB - NBGP - Sta 488+00 to 502+00 Inside	3	3	15-Aug-18	17-Aug-18	44												
CCB1760	Construct CTB - SBGP - Sta 526+00 to 530+50	3	3	08-Oct-18	10-Oct-18	30												
CCB2030	Construct CTB - NBGP - Sta 524+00 to 535+00	3	3	11-Oct-18	15-Oct-18	30												
CCB1700	Construct CTB - NBGP - Sta 482+00 to 510+00	7	7	02-Nov-18	12-Nov-18	30												
CCB2200	Construct CTB - NBGP Outside - Sta 535+00 to 555+00	3	3	11-Feb-19	13-Feb-19	56												
CCB2150	Construct CTB - SB to WBFR - Sta 585+00 to 597+00	3	3	19-Feb-19	21-Feb-19	56												
CCB1115	Construct CTB - SBGP - Sta 560+00 to 571+00	5	5	28-Feb-19	07-Mar-19	98												
CCB2400	Construct CTB - NBGP Inside - Sta 535+00 to 555+00	3	3	08-Mar-19	12-Mar-19	129												
CCB8630	Construct CTB - NBML - Sta 535+00 to 543+50	7	7	15-Mar-19	26-Mar-19	114												
CCB2270	Construct CTB - SBGP - Sta 571+00 to 580+00	4	4	08-Apr-19	12-Apr-19	98												
CCB2420	Construct CTB - SBGP - Sta 462+00 to 476+00	4	4	11-Jun-19	14-Jun-19	62												
CCB2410	Construct CTB - NBGP - Sta 464+00 to 482+00	4	4	28-Aug-19	03-Sep-19	15												
<b>Flexible Base</b>		<b>708</b>	<b>515</b>	<b>14-Jul-16 A</b>	<b>27-Aug-19</b>	<b>32</b>	▶											
CSE0160	Construct Select - NBGP Inside - Sta. 185+00 to 227+00	10	0	14-Jul-16 A	07-Oct-16 A													
CSE0180	Construct Select - SBGP Inside - Sta. 210+00 to 230+00	10	0	06-Sep-16 A	07-Oct-16 A													
CSE8690	Construct Select - SBGP Sta. 230+00 to 246+00	10	0	01-Dec-16 A	08-Feb-17 A													
CSE8670	Construct Select - NBGP Outside - Sta. 230+00 to 250+00	6	0	21-Dec-16 A	09-Feb-17 A													
CSE0800.1	Construct Select - SBGP Outside - Sta. 335+00 to 339+00 (Fastrack)	14	0	18-Mar-17 A	18-Mar-17 A													

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					2018										2019		2020	
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020			
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
CSE0060	Construct Select - SBGP Outside - Sta. 210+00 to 230+00	10	0	20-Mar-17 A	07-May-17 A															
CSE8680.2	Construct Select - NBGP Inside - Sta. 230+00 to 238+00	6	0	11-Apr-17 A	08-May-17 A															
CSE0040	Construct Select - NBGP Outside - Sta. 185+00 to 227+00	12	0	17-Mar-17 A	16-Jun-17 A															
CSE0770	Construct Select - SBGP Sta. 246+00 to 300+00	26	12	08-Feb-17 A	13-Jul-17	103														
CSE0140	Construct Select - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	2	2	13-Jul-17	17-Jul-17	313														
CSE8680.3	Construct Select - NBGP Inside - Sta. 238+00 to 250+00	6	6	01-Aug-17	09-Aug-17	285														
CSE0620	Construct Select - NBGP - Sta. 250+00 to 301+00	19	19	28-Oct-16 A	30-Aug-17	59														
CSE0800.2	Construct Select - SBGP Outside - Sta. 320+00 to 370+00	14	14	25-Aug-17	14-Sep-17	4														
CSE0780	Construct Select - NBGP Outside - Sta. 320+00 to 370+00	14	14	15-Sep-17	06-Oct-17	4														
CSE1190	Construct Select - SUP to Ped Overlook at Boggy Creek - Sta. 429+00 t	2	2	10-Oct-17	12-Oct-17	308														
CSE1660	Construct Select - SBGP - Sta. 494+00 to 504+00	9	9	04-Oct-17	16-Oct-17	125														
CSU-0020	Construct SUP FG/ Place Class I - NB - Sta. 230+00 (Springdale/Mano	25	25	11-Sep-17	18-Oct-17	162														
CSE1060	Construct Select - SBGP - Sta. 370+00 to 425+00	21	21	26-Sep-17	26-Oct-17	7														
CSE1050	Construct Select - NBGP - Sta. 425+00 to 437+00	2	2	02-Nov-17	06-Nov-17	45														
CSE1100	Construct Select - NBGP - Sta. 445+00 to 464+00	2	2	07-Nov-17	08-Nov-17	35														
CSE0870	Construct Select - SBCD Lanes - Sta. 320+00 to 370+00	3	3	08-Nov-17	10-Nov-17	11														
CSE1090	Construct Select - SBGP - Sta. 425+00 to 462+00	3	3	09-Nov-17	13-Nov-17	7														
CSU-0070	Construct SUP FG/ Place Class I - NB - Sta. 435+00 (BC Turnaround) t	40	40	15-Sep-17	16-Nov-17	452														
CSE0910	Construct Select - SBGP Inside - Sta. 320+00 to 370+00	12	12	02-Nov-17	17-Nov-17	4														
CSE1010	Construct Select - NBGP - Sta. 370+00 to 425+00	24	24	18-Oct-17	21-Nov-17	4														
CSE1130	Construct Select - NBGP Outside - Sta. 437+00 to 445+00	2	2	28-Nov-17	29-Nov-17	8														
CSE0860	Construct Select - NBCD Lanes - Sta. 320+00 to 370+00	3	3	30-Nov-17	04-Dec-17	26														
CSU-0030	Construct SUP FG/ Place Class I - NB - Sta. 280+00 (Loyola) to 343+00	30	30	19-Oct-17	04-Dec-17	162														
CSE0890	Construct Select - NBGP Inside - Sta. 320+00 to 370+00	14	14	30-Nov-17	20-Dec-17	-1														
CSE1450	Construct Select - SBGP - Sta. 530+00 to 560+00	2	2	28-Dec-17	29-Dec-17	3														
CSE1140	Construct Select - NBGP Inside - Sta. 437+00 to 445+00	2	2	02-Jan-18	03-Jan-18	8														
CSU-0040	Construct SUP FG/ Place Class I - NB - Sta. 343+00 (MLK) to 415+00 (	35	35	05-Dec-17	25-Jan-18	162														
CSU-0060	Construct SUP FG/ Place Class I - Sta. 430+00 (NB to SB BC Turnarou	5	5	26-Jan-18	01-Feb-18	179														
CSU-0055	Construct SUP FG/ Place Class I - Sta. 425+00 (SB to NB BC Turnarou	10	10	02-Feb-18	15-Feb-18	179														
CSU-0080	Construct SUP FG/ Place Class I - SB - Sta. 525+00 (Truss Bridge) to 5	30	30	16-Feb-18	04-Apr-18	347														
CSE1210	Construct Select - NBGP - Sta. 555+00 to 588+00	2	2	19-Apr-18	20-Apr-18	14														
CSE0630	Construct Select - SBGP - Sta. 300+00 to 320+00	10	10	09-Apr-18	23-Apr-18	-88														
CSE1640	Construct Select - NBGP - Sta. 488+00 to 502+00 Inside	2	2	23-Apr-18	24-Apr-18	116														
CSE0620.2	Construct Select - NBGP - Sta. 301+00 to 320+00	8	8	09-May-18	18-May-18	-93														
CSE1760	Construct Select - SBGP - Sta. 526+00 to 530+50	2	2	06-Jul-18	09-Jul-18	84														
CSE2030	Construct Select - NBGP - Sta. 524+00 to 535+00	2	2	18-Jul-18	19-Jul-18	84														
CSE1700	Construct Select - NBGP - Sta. 490+00 to 510+00	2	2	23-Jul-18	24-Jul-18	95														
CSE2200	Construct Select - NBGP Outside - Sta. 535+00 to 555+00	2	2	07-Feb-19	08-Feb-19	56														
CSE2150	Construct Select - SB to WBFR - Sta. 585+00 to 597+00	2	2	14-Feb-19	15-Feb-19	56														
CSE1115	Construct Select - SBGP - Sta. 560+00 to 571+00	2	2	26-Feb-19	27-Feb-19	98														
CSE2400	Construct Select - NBGP Inside - Sta. 535+00 to 555+00	2	2	06-Mar-19	07-Mar-19	129														
CSE8630	Construct Select - NBML - Sta. 535+00 to 543+50	2	2	13-Mar-19	14-Mar-19	114														
CSE2270	Construct Select - SBGP - Sta. 571+00 to 580+00	2	2	04-Apr-19	05-Apr-19	98														
CSE2420	Construct Select - SBGP - Sta. 462+00 to 476+00	2	2	07-Jun-19	10-Jun-19	62														
CSE2410	Construct Select - NBGP - Sta. 464+00 to 482+00	2	2	26-Aug-19	27-Aug-19	15														
<b>Pavement</b>		<b>686</b>	<b>527</b>	<b>27-Oct-16 A</b>	<b>13-Sep-19</b>	<b>20</b>														
<b>Asphalt Pavement</b>		<b>679</b>	<b>503</b>	<b>27-Oct-16 A</b>	<b>04-Sep-19</b>	<b>17</b>														

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017				2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
CBB0160	Construct Bond Breaker - NBGP Inside - Sta. 185+00 to 227+00	2	0	27-Oct-16 A	28-Oct-16 A															
CBB0180	Construct Bond Breaker - SBGP Inside - Sta. 210+00 to 230+00	1	0	27-Oct-16 A	29-Nov-16 A															
CBB8670	Construct Bond Breaker - NBGP Outside - Sta. 230+00 to 250+00	2	0	11-Feb-17 A	13-Feb-17 A															
CBB8690	Construct Bond Breaker - SBGP Sta. 230+00 to 246+00	1	0	15-Feb-17 A	17-Feb-17 A															
CBB0060	Construct Bond Breaker - SBGP Outside - Sta. 210+00 to 230+00	1	0	17-Feb-17 A	08-May-17 A															
CBB0040	Construct Bond Breaker - NBGP Outside - Sta. 185+00 to 227+00	2	0	17-Mar-17 A	21-Jun-17 A															
CBB0140	Construct Bond Breaker - NBML to NBGP Exit Ramp - Sta. 267+00 to 2	1	1	20-Jul-17	21-Jul-17	313														
CBB0770	Construct Bond Breaker - SBGP Sta. 246+00 to 300+00	3	3	17-Feb-17 A	28-Jul-17	82														
CBB8680	Construct Bond Breaker - NBGP Inside - Sta. 230+00 to 250+00	1	1	11-May-17 A	09-Aug-17	285														
CBB0620	Construct Bond Breaker - NBGP - Sta. 250+00 to 301+00	2	2	15-Feb-17 A	12-Sep-17	73														
CBB0800	Construct Bond Breaker - SBGP Outside - Sta. 320+00 to 367+00	2	2	28-Sep-17	29-Sep-17	4														
CBB0780	Construct Bond Breaker - NBGP Outside - Sta. 320+00 to 370+00	2	2	27-Oct-17	30-Oct-17	-1														
CBB1660	Construct Bond Breaker - SBGP - Sta. 494+00 to 504+00	2	2	27-Oct-17	30-Oct-17	125														
CBB1050	Construct Bond Breaker - NBGP - Sta. 425+00 to 437+00	1	1	09-Nov-17	10-Nov-17	45														
CBB0870	Construct Bond Breaker - SBCD Lanes - Sta. 320+00 to 370+00	1	1	16-Nov-17	16-Nov-17	11														
CBB1060	Construct Bond Breaker - SBGP - Sta. 370+00 to 425+00	3	3	15-Nov-17	17-Nov-17	7														
CBB1100	Construct Bond Breaker - NBGP - Sta. 445+00 to 464+00	1	1	17-Nov-17	17-Nov-17	35														
CBB1090	Construct Bond Breaker - SBGP - Sta. 425+00 to 462+00	2	2	29-Nov-17	30-Nov-17	7														
CBB0910	Construct Bond Breaker - SBGP Inside - Sta. 320+00 to 370+00	2	2	04-Dec-17	05-Dec-17	4														
CBB1130	Construct Bond Breaker - NBGP Outside - Sta. 437+00 to 445+00	1	1	05-Dec-17	05-Dec-17	8														
CBB0860	Construct Bond Breaker - NBCD Lanes - Sta. 320+00 to 370+00	1	1	08-Dec-17	08-Dec-17	26														
CBB1010	Construct Bond Breaker - NBGP - Sta. 370+00 to 425+00	3	3	08-Dec-17	12-Dec-17	4														
CBB0890	Construct Bond Breaker - NBGP Inside - Sta. 320+00 to 370+00	2	2	04-Jan-18	05-Jan-18	-1														
CBB1140	Construct Bond Breaker - NBGP Inside - Sta. 437+00 to 445+00	1	1	09-Jan-18	09-Jan-18	8														
CBB1450	Construct Bond Breaker - SBGP - Sta. 530+00 to 560+00	2	2	12-Jan-18	15-Jan-18	3														
CBB0630	Construct Bond Breaker - SBGP - Sta. 300+00 to 320+00	1	1	02-May-18	02-May-18	-88														
CBB1210	Construct Bond Breaker - NBGP - Sta. 555+00 to 588+00	2	2	02-May-18	03-May-18	14														
CBB0620.2	Construct Bond Breaker - NBGP - Sta. 301+00 to 320+00	1	1	29-May-18	29-May-18	-93														
CBB1640	Construct Bond Breaker - NBGP - Sta. 488+00 to 502+00 Inside	1	1	20-Aug-18	20-Aug-18	116														
CBB1760	Construct Bond Breaker - SBGP - Sta. 526+00 to 530+50	1	1	11-Oct-18	11-Oct-18	64														
CBB2030	Construct Bond Breaker - NBGP - Sta. 524+00 to 535+00	1	1	17-Oct-18	17-Oct-18	59														
CBB1700	Construct Bond Breaker - NBGP - Sta. 490+00 to 510+00	1	1	13-Nov-18	13-Nov-18	94														
CBB2200	Construct Bond Breaker - NBGP Outside - Sta. 535+00 to 555+00	1	1	14-Feb-19	14-Feb-19	56														
CBB2150	Construct Bond Breaker - SB to WBFR - Sta. 585+00 to 597+00	1	1	22-Feb-19	22-Feb-19	56														
CBB1115	Construct Bond Breaker - SBGP - Sta. 560+00 to 571+00	1	1	08-Mar-19	08-Mar-19	98														
CBB2400	Construct Bond Breaker - NBGP Inside - Sta. 535+00 to 555+00	1	1	13-Mar-19	13-Mar-19	129														
CBB8630	Construct Bond Breaker - NBML - Sta 535+00 to 543+50	1	1	27-Mar-19	27-Mar-19	114														
CBB2270	Construct Bond Breaker - SBGP - Sta. 571+00 to 580+00	1	1	15-Apr-19	15-Apr-19	108														
CBB2420	Construct Bond Breaker - SBGP - Sta. 462+00 to 476+00	1	1	17-Jun-19	17-Jun-19	62														
CBB2410	Construct Bond Breaker - NBGP - Sta. 464+00 to 482+00	1	1	04-Sep-19	04-Sep-19	15														
<b>Concrete Pavement</b>		<b>682</b>	<b>527</b>	<b>11-Nov-16 A</b>	<b>13-Sep-19</b>	<b>15</b>														
CCP0180	Construct CRCP - SBGP Inside - Sta. 210+00 to 230+00	11	0	11-Nov-16 A	05-Dec-16 A															
CCP0160	Construct CRCP - NBGP Inside - Sta. 185+00 to 227+00	10	0	17-Nov-16 A	20-Jan-17 A															
CCP0060	Construct CRCP - SBGP Outside - Sta. 210+00 to 230+00	11	0	13-Mar-17 A	13-Jun-17 A															
CCP8670	Construct CRCP - NBGP Outside - Sta. 230+00 to 250+00	15	0	13-Feb-17 A	14-Jun-17 A															
CCP8690	Construct CRCP - SBGP Sta. 230+00 to 246+00	16	0	14-Mar-17 A	21-Jun-17 A															
CCP0040	Construct CRCP - NBGP Outside - Sta. 185+00 to 227+00	12	12	19-Mar-17 A	13-Jul-17	7														

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CCP0140	Construct CRCP - NBML to NBGP Exit Ramp - Sta. 267+00 to 275+00	3	3	21-Jul-17	26-Jul-17	313												
CCP8680	Construct CRCP - NBGP Inside - Sta. 230+00 to 250+00	14	14	10-Aug-17	30-Aug-17	285												
CCP0620	Construct CRCP - NBGP - Sta. 250+00 to 301+00	19	19	27-Feb-17 A	27-Sep-17	73												
CCP0770	Construct CRCP - SBGP Sta. 246+00 to 300+00	22	22	08-Mar-17 A	09-Oct-17	55												
CCP0800	Construct CRCP - SBGP Outside - Sta. 320+00 to 367+00	15	15	02-Oct-17	24-Oct-17	4												
CCP1050	Construct CRCP - NBGP - Sta. 425+00 to 437+00	3	3	10-Nov-17	15-Nov-17	45												
CCP0780	Construct CRCP - NBGP Outside - Sta. 320+00 to 370+00	14	14	01-Nov-17	20-Nov-17	-1												
CCP1660	Construct CRCP - SBGP - Sta. 494+00 to 504+00	14	14	01-Nov-17	20-Nov-17	125												
CCP0870	Construct CRCP - SBCD Lanes - Sta. 320+00 to 370+00	4	4	17-Nov-17	22-Nov-17	11												
CCP1100	Construct CRCP - NBGP - Sta. 445+00 to 464+00	8	8	20-Nov-17	01-Dec-17	35												
CCP1130	Construct CRCP - NBGP Outside - Sta. 437+00 to 445+00	3	3	06-Dec-17	08-Dec-17	8												
CCP1060	Construct CRCP - SBGP - Sta. 370+00 to 425+00	21	21	20-Nov-17	21-Dec-17	7												
CCP1090	Construct CRCP - SBGP - Sta. 425+00 to 462+00	14	14	01-Dec-17	21-Dec-17	7												
CCP0910	Construct CRCP - SBGP Inside - Sta. 320+00 to 370+00	14	14	06-Dec-17	27-Dec-17	4												
CCP1140	Construct CRCP - NBGP Inside - Sta. 437+00 to 445+00	3	3	10-Jan-18	12-Jan-18	8												
CCP1010	Construct CRCP - NBGP - Sta. 370+00 to 425+00	24	24	13-Dec-17	18-Jan-18	4												
CCP0890	Construct CRCP - NBGP Inside - Sta. 320+00 to 370+00	14	14	08-Jan-18	25-Jan-18	-1												
CCP1450	Construct CRCP - SBGP - Sta. 530+00 to 560+00	9	9	16-Jan-18	26-Jan-18	3												
CCP0630	Construct CRCP - SBGP - Sta. 300+00 to 320+00	8	8	03-May-18	15-May-18	-88												
CCP1210	Construct CRCP - NBGP - Sta. 555+00 to 588+00	13	13	04-May-18	24-May-18	14												
CCP0620.2	Construct CRCP - NBGP - Sta. 301+00 to 320+00	8	8	30-May-18	11-Jun-18	-93												
CCP0860	Construct CRCP - NBCD Lanes - Sta. 320+00 to 370+00	4	4	12-Jun-18	15-Jun-18	-93												
CSU-1190	Construct SUP to Ped Overlook at Boggy Creek - Sta. 429+00 to 432+0	3	3	21-Sep-18	25-Sep-18	86												
CCP1760	Construct CRCP - SBGP - Sta. 526+00 to 530+50	3	3	17-Oct-18	19-Oct-18	62												
CCP2030	Construct CRCP - NBGP - Sta. 524+00 to 535+00	5	5	03-Dec-18	07-Dec-18	30												
CCP1640	Construct CRCP - NBGP - Sta. 488+00 to 502+00 Inside	4	4	10-Dec-18	13-Dec-18	45												
CCP1700	Construct CRCP - NBGP - Sta. 490+00 to 510+00	11	11	11-Dec-18	27-Dec-18	77												
CCP2200	Construct CRCP - NBGP Outside - Sta. 535+00 to 555+00	5	5	15-Feb-19	22-Feb-19	56												
CCP2150	Construct CRCP - SB to WBFR - Sta. 585+00 to 597+00	5	5	25-Feb-19	01-Mar-19	56												
CCP1115	Construct CRCP - SBGP - Sta. 560+00 to 571+00	7	7	11-Mar-19	20-Mar-19	98												
CCP2400	Construct CRCP - NBGP Inside - Sta. 535+00 to 555+00	5	5	14-Mar-19	21-Mar-19	129												
CCP8630	Construct CRCP - NBML - Sta 535+00 to 543+50	11	11	28-Mar-19	12-Apr-19	114												
CCP2420	Construct CRCP - SBGP - Sta. 462+00 to 476+00 (At Bolm Road)	6	6	26-Jun-19	03-Jul-19	58												
CCP2270	Construct CRCP - SBGP - Sta. 571+00 to 580+00	5	5	05-Jul-19	11-Jul-19	58												
CCP2410	Construct CRCP - NBGP - Sta. 464+00 to 482+00	7	7	05-Sep-19	13-Sep-19	15												
<b>Sidewalks and Median Paving</b>		288	288	07-Sep-17	26-Nov-18	211												
CSW-0020	Construct Sidewalk - SB - Sta 230+00 (Springdale/Manor) to 280+00 (Lc	25	25	07-Sep-17	13-Oct-17	193												
CSW-0055	Construct Sidewalk - SB - Sta 435+00 (BC Turnaround) to 499+00 (Gar	32	32	15-Sep-17	06-Nov-17	460												
CSU-1070	Construct SUP Conc Pave - NB - Sta. 435+00 (BC Turnaround) to 515+	20	20	16-Oct-17	15-Nov-17	453												
CSU-1030	Construct SUP Conc Pave - NB - Sta. 280+00 (Loyola) to 343+00 (MLK)	15	15	26-Oct-17	16-Nov-17	239												
CSW-0030	Construct Sidewalk - SB - Sta 280+00 (Loyola) to 343+00 (MLK)	32	32	16-Oct-17	04-Dec-17	193												
CSU-1020	Construct SUP Conc Pave - NB - Sta. 230+00 (Springdale/Manor) to 280	10	10	20-Dec-17	04-Jan-18	209												
CSU-1040	Construct SUP Conc Pave - NB - Sta. 343+00 (MLK) to 415+00 (BC Tur	15	15	12-Dec-17	04-Jan-18	162												
CSW-0040	Construct Sidewalk - SB - Sta 343+00 (MLK) to 415+00 (BC Turnarounc	36	36	05-Dec-17	26-Jan-18	193												
CSU-1050	Construct SUP Conc Pave - Sta. 425+00 (SB to NB BC Turnaround)	5	5	09-Feb-18	15-Feb-18	179												
CSU-1080	Construct SUP Conc Pave - SB - Sta. 525+00 (Truss Bridge) to 580+00	15	15	05-Apr-18	26-Apr-18	347												
CSU-1060	Construct SUP Conc Pave - Sta. 430+00 (NB to SB BC Turnaround)	5	5	13-Nov-18	19-Nov-18	214												

█ Remaining Level of Effort   
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█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CSW-0060	Construct Sidewalk - NB - Sta 530+00 (Montopolis) to 580+00 (Patton)	25	25	18-Oct-18	26-Nov-18	211												
<b>Retaining Walls</b>		<b>672</b>	<b>495</b>	<b>26-Sep-16 A</b>	<b>26-Jul-19</b>	<b>52</b>												
<b>Wall 104A</b>		31	31	14-Jul-17	29-Aug-17	7												
CWL104A-050	Construct Wall 104A (S/W), Sta. 202+57 to 209+83 (Cut)	31	31	14-Jul-17	29-Aug-17	7												
<b>Wall 106A</b>		22	22	25-Aug-17	27-Sep-17	20												
CWL106A-060	Construct Wall 106A (MSE), Sta. 2320+67 to 2321+72, LT	20	20	25-Aug-17	25-Sep-17	9												
CWL106A-090	Construct Wall Coping 106A (MSE), Sta. 2320+67 to 2321+72, LT	2	2	26-Sep-17	27-Sep-17	20												
<b>Wall 105A</b>		20	20	11-Oct-17	09-Nov-17	45												
CWL105A-060	Construct Wall 105A (MSE), Sta. 1316+82 to 1317+39, RT	17	17	11-Oct-17	06-Nov-17	45												
CWL105A-090	Construct Wall Coping 105A (MSE), Sta. 1316+82 to 1317+39, RT	3	3	07-Nov-17	09-Nov-17	45												
<b>Wall 107A</b>		12	12	10-Aug-17	28-Aug-17	40												
CWL107A-050	Construct Wall 107A (MSE), Sta. 2320+67 to 2322+27, LT	10	10	10-Aug-17	24-Aug-17	9												
CWL107A-090	Construct Wall Coping 107A (MSE), Sta. 2320+67 to 2322+27, LT	2	2	25-Aug-17	28-Aug-17	40												
<b>Wall 110A</b>		10	10	01-Nov-18	14-Nov-18	4												
CWL110A-050	Construct Wall 110A (DS), Sta. 427+50 to 428+00	10	10	01-Nov-18	14-Nov-18	4												
<b>Wall 111</b>		195	4	27-Sep-16 A	30-Jun-17	320												
CWL111-050	Construct Wall 111 (MSE), Sta. 2231+01 to 2238+08, LT	21	0	27-Sep-16 A	13-Jan-17 A													
CWL111-090	Construct Wall Coping 111 (MSE), Sta. 2231+01 to 2238+08, LT	4	4	22-May-17 A	30-Jun-17	320												
<b>Wall 111A</b>		12	12	13-Oct-17	01-Nov-17	250												
CWL111A-050	Construct Wall 111A (MSE), Sta. 239+30 to 241+30, LT	10	10	13-Oct-17	27-Oct-17	179												
CWL111A-090	Construct Wall Coping 111A (MSE), Sta. 239+30 to 241+30, LT	2	2	30-Oct-17	01-Nov-17	250												
<b>Wall 121 MSE</b>		10	10	28-Jun-18	12-Jul-18	-80												
CWL121-060	Construct Wall 121 (MSE), Sta. 260+91 to 275+35, LT	10	10	28-Jun-18	12-Jul-18	-80												
<b>Wall 121 S/N</b>		46	46	28-Jun-18	05-Sep-18	-70												
CWL121-050	Construct Wall 121 (S/N), Sta. 260+91 to 275+35, LT	28	28	28-Jun-18	08-Aug-18	-75												
CWL121-90	Construct Wall 121 (Fascia), Sta. 260+91 to 275+35, LT	12	12	09-Aug-18	27-Aug-18	-70												
CWL121-090	Construct Wall Coping 121, Sta. 260+91 to 275+35, LT	6	6	28-Aug-18	05-Sep-18	-70												
<b>Wall 123A</b>		6	6	30-Aug-17	07-Sep-17	7												
CWL123A-050	Construct Wall 123A (S/W), Sta. 234+76 to 235+58	6	6	30-Aug-17	07-Sep-17	7												
<b>Wall 124</b>		120	40	27-Dec-16 A	24-Aug-17	95												
CWLTMP01	Construct Temp S/N Wall and Removals, Sta. 270+00 - 278+00. LT	20	0	27-Dec-16 A	12-Jan-17 A													
CWL124-050	Construct Wall 124 (MSE), Sta. 2260+88 to 2280+24, LT	49	30	29-Mar-17 A	09-Aug-17	68												
CWL124-090	Construct Wall Coping 124 (MSE), Sta. 2260+88 to 2280+24, LT	10	10	10-Aug-17	24-Aug-17	95												
<b>Wall 131</b>		33	51	09-Jan-17 A	09-Oct-17	55												
CWL131-050	Construct Wall 131 (MSE), Sta. 1295+60 to 1298+66, RT	10	0	09-Jan-17 A	16-May-17 A													
CWL131-090	Construct Wall Coping 131 (MSE), Sta. 1295+60 to 1298+66, RT	3	51	16-Feb-17 A	09-Oct-17	55												
<b>Wall 132</b>		26	10	15-May-17 A	11-Jul-17	125												
CWL132-050	Construct Wall 132 (MSE), Sta. 2303+13 to 2304+79, LT	15	7	15-May-17 A	06-Jul-17	11												
CWL132-090	Construct Wall Coping 132 (MSE), Sta. 2303+13 to 2304+79, LT	3	3	07-Jul-17	11-Jul-17	125												
<b>Wall 133</b>		36	36	13-Feb-18	09-Apr-18	-72												
CWL133-050	Construct Wall 133 (MSE), Sta. 1300+31 to 1310+62, RT	30	30	13-Feb-18	29-Mar-18	-93												
CWL133-090	Construct Wall Coping 133 (MSE), Sta. 1300+31 to 1310+62, RT	6	6	30-Mar-18	09-Apr-18	-72												
<b>Wall 134</b>		33	33	30-Mar-18	18-May-18	-80												
CWL134-050	Construct Wall 134 (MSE), Sta. 2306+32 to 2315+47, LT	28	28	30-Mar-18	11-May-18	-93												
CWL134-090	Construct Wall Coping 134 (MSE), Sta. 2306+32 to 2315+47, LT	5	5	14-May-18	18-May-18	-80												
<b>Wall 138</b>		31	31	07-Jul-17	21-Aug-17	44												
CWL138-050	Construct Wall 138 (MSE), Sta. 2322+66 to 2335+91, LT	26	26	07-Jul-17	14-Aug-17	11												
CWL138-090	Construct Wall Coping 138 (MSE), Sta. 2322+66 to 2335+91, LT	5	5	15-Aug-17	21-Aug-17	44												
<b>Wall 140</b>		27	27	11-Aug-17	21-Sep-17	10												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule					15-Aug-17 09:52										
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL180-050	Construct Wall 180 (MSE), Sta. 1433+80 to 1437+57, RT	10	10	28-Aug-17	11-Sep-17	15		█										
CWL180-090	Construct Wall Coping 180 (MSE), Sta. 1433+80 to 1437+57, RT	5	5	12-Sep-17	18-Sep-17	54		█										
<b>Wall 188</b>		195	3	26-Sep-16 A	29-Jun-17	321	█											
CWL188-050	Construct Wall 188 (MSE), Sta. 2248+02 to 2259+15, LT (Fill)	10	0	26-Sep-16 A	21-Nov-16 A													
CWL188-090	Construct Wall Coping 188 (MSE), Sta. 2248+02 to 2259+15, LT (Fill)	3	3	05-Jun-17 A	29-Jun-17	321	█											
<b>Wall 193</b>		12	12	31-Aug-17	18-Sep-17	216		█										
CWL193-050	Construct Wall 193 (MSE), Sta. 2356+08 to 2359+85, LT	10	10	31-Aug-17	14-Sep-17	4		█										
CWL193-090	Construct Wall Coping 193 (MSE), Sta. 2356+08 to 2359+85, LT	2	2	15-Sep-17	18-Sep-17	216		█										
<b>Wall 194</b>		17	17	15-Aug-17	08-Sep-17	222		█										
CWL194-050	Construct Wall 194 (MSE), Sta. 2365+71 to 2370+65, LT	14	14	15-Aug-17	05-Sep-17	11		█										
CWL194-090	Construct Wall Coping 194 (MSE), Sta. 2365+71 to 2370+65, LT	3	3	06-Sep-17	08-Sep-17	222		█										
<b>Wall T200</b>		10	10	05-Sep-17	18-Sep-17	42		█										
CWLT200-050	Construct Wall T200 (Temp) at Shelton Rd - Sta. 437+00 to 440+00	10	10	05-Sep-17	18-Sep-17	42		█										
<b>Wall 205</b>		231	231	15-Sep-17	07-Sep-18	241		█										
CWL205-050	Construct Wall 205 (MSE), Sta. 2475+00 to 2479+00, LT (Fill) (Incl. Rail)	17	17	15-Sep-17	12-Oct-17	234		█										
CWL205-090	Construct Wall Coping 205 (MSE), Sta. 2475+00 to 2479+00, LT	2	2	12-Oct-17	16-Oct-17	453		█										
CWL208-050	Construct Wall 208 (MSE), Sta. 509+00 to 510+50	30	30	23-Jul-18	05-Sep-18	52												
CWL208-090	Construct Wall Coping 208 (MSE), Sta. 509+00 to 510+50	2	2	06-Sep-18	07-Sep-18	52												
<b>Wall 211</b>		10	10	15-May-18	30-May-18	121												
CWL211-050	Construct Wall 211 (S/W), Sta. 2505+55 to 2509+18, LT	10	10	15-May-18	30-May-18	121												
<b>Wall 212</b>		10	10	08-Dec-17	22-Dec-17	231												
CWL212-050	Construct Wall 212 (S/W) Sta. 506+50 to 509+50	10	10	08-Dec-17	22-Dec-17	231												
<b>Wall 217</b>		12	12	27-Oct-17	14-Nov-17	126												
CWL221-050	Construct Wall 221 (MSE), Sta. 2568+39 to 2571+19, (Fill)	10	10	27-Oct-17	10-Nov-17	87												
CWL221-090	Construct Wall Coping 221 (MSE), Sta. 2568+39 to 2571+19	2	2	13-Nov-17	14-Nov-17	126												
<b>Wall 240</b>		14	14	14-Nov-17	05-Dec-17	408												
CWL240-050	Construct Wall 240 (MSE), Sta. 1468+91 to 1469+61, RT (Fill)	11	11	14-Nov-17	30-Nov-17	408												
CWL240-090	Construct Wall Coping 240 (MSE), Sta. 1468+91 to 1469+61, RT (Fill)	3	3	01-Dec-17	05-Dec-17	408												
<b>Wall 241</b>		14	14	03-Jun-19	24-Jun-19	41												
CWL241-050	Construct Wall 241 (MSE), Sta. 1469+65 to 1470+44, RT (Fill)	12	12	03-Jun-19	20-Jun-19	19												
CWL241-090	Construct Wall Coping 241 (MSE), Sta. 1469+65 to 1470+44, RT (Fill)	2	2	21-Jun-19	24-Jun-19	41												
<b>Wall 242</b>		14	14	21-Jun-19	12-Jul-19	29												
CWL242-050	Construct Wall 242 (MSE), Sta. 2477+30 to 2477+18, LT (Fill)	11	11	21-Jun-19	09-Jul-19	19												
CWL242-090	Construct Wall Coping 242 (MSE), Sta. 2477+30 to 2477+18, LT (Fill)	3	3	10-Jul-19	12-Jul-19	29												
<b>Wall 243</b>		13	13	10-Jul-19	26-Jul-19	19												
CWL243-050	Construct Wall 243 (MSE), Sta. 2475+63 to 2477+35, LT (Fill)	11	11	10-Jul-19	24-Jul-19	19												
CWL243-090	Construct Wall Coping 243 (MSE), Sta. 2475+63 to 2477+35, LT (Fill)	2	2	25-Jul-19	26-Jul-19	19												
<b>Wall 252</b>		247	247	25-Sep-17	09-Oct-18	183		█										
CWL252-050	Construct Wall 252 (MSE), Sta. 594+50 to 597+00, RT	11	11	25-Sep-17	10-Oct-17	39		█										
CWL252-090	Construct Wall Coping 252 (MSE), Sta. 594+50 to 597+00, RT	3	3	11-Oct-17	13-Oct-17	327		█										
CWL231-050	Construct Wall 231 (MSE), Sta. 587+37 to 587+96	10	10	21-Sep-18	05-Oct-18	163												
CWL231-090	Construct Wall Coping 231 (MSE), Sta. 587+37 to 587+96	2	2	08-Oct-18	09-Oct-18	183												
<b>Wall 253</b>		18	18	08-Oct-18	02-Nov-18	191												
CWL253-050	Construct Wall 253 (MSE), Sta. 26+00 to 31+00, LT	14	14	08-Oct-18	26-Oct-18	163												
CWL253-090	Construct Wall Coping 253 (MSE), Sta. 26+00 to 31+00, LT	4	4	29-Oct-18	02-Nov-18	191												
<b>Wall 254</b>		17	17	29-Oct-18	21-Nov-18	181												
CWL254-050	Construct Wall 254 (MSE), Sta. 26+00 to 31+00, RT	14	14	29-Oct-18	16-Nov-18	163												
CWL254-090	Construct Wall Coping 254 (MSE), Sta. 26+00 to 31+00, RT	3	3	19-Nov-18	21-Nov-18	181												
<b>Wall 255 (Gabion)</b>		13	13	13-Nov-17	01-Dec-17	294												

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone



183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL255-050	Construct Wall 255 (MSE), Sta. 115+50 to 117+50, LT	11	11	13-Nov-17	29-Nov-17	87												
CWL255-090	Construct Wall Coping 255 (MSE), Sta. 115+50 to 117+50, LT	2	2	30-Nov-17	01-Dec-17	294												
<b>Wall 256</b>		<b>310</b>	<b>310</b>	<b>30-May-17 A</b>	<b>15-Oct-18</b>	<b>237</b>												
CWL256-050	Construct Wall 256 (MSE), Sta. 14+20 to 18+51	26	13	30-May-17 A	14-Jul-17	7												
CWL256-090	Construct Wall Coping 256 (MSE), Sta. 14+20 to 18+51	3	3	17-Jul-17	19-Jul-17	123												
CWL260-050	Construct Wall 260 (S/W), Sta. 434+50 to 436+50	10	10	08-Sep-17	22-Sep-17	7												
CWL261-050	Construct Wall 261 (MSE), Sta. 436+50 to 439+00	10	10	08-Sep-17	22-Sep-17	7												
CWL261-090	Construct Wall Coping 261 (MSE), Sta. 436+50 to 439+00	7	7	25-Sep-17	04-Oct-17	44												
CWL257-050	Construct Wall 257 (MSE), Sta. 14+50 to 19+50	14	14	12-Jan-18	31-Jan-18	27												
CWL257-090	Construct Wall Coping 257 (MSE), Sta. 14+50 to 19+50	3	3	01-Feb-18	05-Feb-18	27												
CWL259-050	Construct Wall 259 (MSE), Sta. 38+50 to 43+00	13	13	29-May-18	15-Jun-18	44												
CWL259-090	Construct Wall Coping 259 (MSE), Sta. 38+50 to 43+00	3	3	18-Jun-18	21-Jun-18	244												
CWL262-050	Construct Wall 262 (MSE), Herrera Street Wall LT (Change Order #3)	10	10	06-Sep-18	20-Sep-18	163												
CWL262-90	Construct Wall Coping 262 (MSE), Herrera Street Wall LT (Change Ord	2	2	21-Sep-18	24-Sep-18	251												
CWL258-050	Construct Wall 258 (MSE), Sta. 524+50 to 525+50	10	10	27-Sep-18	11-Oct-18	39												
CWL258-090	Construct Wall Coping 258 (MSE), Sta. 524+50 to 525+50	2	2	12-Oct-18	15-Oct-18	62												
<b>Bridges</b>		<b>678</b>	<b>442</b>	<b>23-Jun-16 A</b>	<b>03-May-19</b>	<b>105</b>												
<b>7 NBGP Over Little Walnut Creek</b>		<b>262</b>	<b>29</b>	<b>23-Jun-16 A</b>	<b>07-Aug-17</b>	<b>110</b>												
CBR07-0500	Construct Columns - Bridge 07 (NBGP Over Little Walnut Creek) - Sta.	6	0	29-Jul-16 A	25-Aug-16 A													
CBR07-0400	Drill Shafts - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302+00	11	0	23-Jun-16 A	07-Sep-16 A													
CBR07-0600	Construct Caps - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302	16	0	22-Aug-16 A	16-Sep-16 A													
CBR07-0550	Construct Abutments - Bridge 07 (NBGP Over Little Walnut Creek) - Sta.	15	0	02-Aug-16 A	04-Nov-16 A													
CBR07-0700	Erect Beams - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302+00	2	0	01-Feb-17 A	10-May-17 A													
CBR07-0800	Construct Deck - Bridge 07 (NBGP Over Little Walnut Creek) - Sta. 302	14	14	22-May-17 A	17-Jul-17	65												
CBR07-0900	Construct Rail/Surf. Trt - Bridge 07 (NBGP Over Little Walnut Creek) - Sta.	15	15	18-Jul-17	07-Aug-17	110												
<b>10 SBGP Over Little Walnut Creek</b>		<b>268</b>	<b>32</b>	<b>19-Jul-16 A</b>	<b>11-Aug-17</b>	<b>92</b>												
CBR10-0500	Construct Columns - Bridge 10 (SBGP Over Little Walnut Creek) - Sta.	8	0	08-Aug-16 A	29-Aug-16 A													
CBR10-0400	Drill Shafts - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302+00	12	0	19-Jul-16 A	08-Sep-16 A													
CBR10-0600	Construct Caps - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302	16	0	22-Aug-16 A	19-Sep-16 A													
CBR10-0550	Construct Abutments - Bridge 10 (SBGP Over Little Walnut Creek) - Sta.	15	0	09-Aug-16 A	28-Nov-16 A													
CBR10-0700	Erect Beams - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302+00	2	0	02-Feb-17 A	11-May-17 A													
CBR10-0800	Construct Deck - Bridge 10 (SBGP Over Little Walnut Creek) - Sta. 302	17	17	01-Jun-17 A	20-Jul-17	92												
CBR10-0900	Construct Rail/Surf. Trt - Bridge 10 (SBGP Over Little Walnut Creek) - Sta.	15	15	21-Jul-17	11-Aug-17	92												
<b>18a NBGP Over Boggy Creek</b>		<b>174</b>	<b>60</b>	<b>25-Jan-17 A</b>	<b>16-Oct-17</b>	<b>65</b>												
CBR18a-0400	Drill Shafts - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	21	0	25-Jan-17 A	03-Apr-17 A													
CBR18a-0500	Construct Columns - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+	22	0	06-Mar-17 A	14-Apr-17 A													
CBR18a-0600	Construct Caps - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	40	0	15-Mar-17 A	01-May-17 A													
CBR18a-0550	Construct Abutments - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427	15	0	10-Feb-17 A	01-May-17 A													
CBR18a-0700	Erect Beams - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	10	0	21-Apr-17 A	02-Jun-17 A													
CBR18a-0800	Construct Deck - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+00	35	35	18-Jul-17	07-Sep-17	65												
CBR18a-0900	Construct Rail/Surf. Trt - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427	15	15	08-Sep-17	29-Sep-17	65												
CSW-1800	Construct Sidewalk - Bridge 18a (NBGP Over Boggy Creek) - Sta. 427+	10	10	02-Oct-17	16-Oct-17	65												
<b>19a SBGP Over Boggy Creek</b>		<b>127</b>	<b>45</b>	<b>27-Jan-17 A</b>	<b>31-Aug-17</b>	<b>69</b>												
CBR19a-0400	Drill Shafts - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	21	0	27-Jan-17 A	23-Mar-17 A													
CBR19a-0500	Construct Columns - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+	22	0	09-Mar-17 A	07-Apr-17 A													
CBR19a-0600	Construct Caps - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	35	0	23-Mar-17 A	08-Apr-17 A													
CBR19a-0550	Construct Abutments - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427	15	0	16-Feb-17 A	01-May-17 A													
CBR19a-0700	Erect Beams - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	9	0	18-Apr-17 A	08-Jun-17 A													

Remaining Level of Effort   
 Actual Work   
 Critical Remaining Work  
 Actual Level of Effort   
 Remaining Work   
 Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
CBR19a-0800	Construct Deck - Bridge 19a (SBGP Over Boggy Creek) - Sta. 427+00	30	30	26-Jun-17	09-Aug-17	69	[Green bar]																	
CBR19a-0900	Construct Rail/Surf. Trt - Bridge 19a (SBGP Over Boggy Creek) - Sta. 4	15	15	10-Aug-17	31-Aug-17	69	[Green bar]																	
<b>23 NB to SB U-Turn at Boggy Creek</b>		236	267	02-Jun-17 A	09-Aug-18	206	[Green bar]																	
CBR57-0402	Drill Shafts (Abuts) - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	10	10	02-Jun-17 A	11-Jul-17	26	[Green bar]																	
CBR57-0550	Construct Abutments - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+	15	15	16-Oct-17	07-Nov-17	350	[Green bar]																	
CBR57-0400	Drill Shafts (Bent) - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	6	6	23-Apr-18	30-Apr-18	35	[Green bar]																	
CBR57-0500	Construct Columns - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	20	20	01-May-18	31-May-18	206	[Green bar]																	
CBR57-0600	Construct Caps - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	10	10	01-Jun-18	15-Jun-18	206	[Green bar]																	
CBR57-0700	Erect Beams - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	5	5	18-Jun-18	25-Jun-18	206	[Green bar]																	
CBR57-0800	Construct Deck - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416+00	15	15	27-Jun-18	18-Jul-18	206	[Green bar]																	
CBR57-0900	Construct Rail/Surf. Trt - Bridge 57 (U-Turns at Boggy Creek) - Sta. 416	15	15	19-Jul-18	09-Aug-18	206	[Green bar]																	
<b>26b SBGP Rt. Widening at Colorado R.</b>		296	147	27-Oct-16 A	05-Feb-18	310	[Green bar]																	
CBR26-3S-0400.1	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S) - Sta. 512-	12	0	27-Oct-16 A	01-Nov-16 A																			
CBR26-3S-0500.1	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S) -	12	0	14-Dec-16 A	23-Dec-16 A																			
CBR26-1S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S) -	4	0	08-Nov-16 A	27-Dec-16 A																			
CBR26-1S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Be	4	0	13-Dec-16 A	13-Jan-17 A																			
CBR26-3S-0400.2	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 9S-10S) - Sta.	12	0	20-Mar-17 A	06-Apr-17 A																			
CBR26-3S-0500.2	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 9S-10	12	0	10-Apr-17 A	25-Apr-17 A																			
CBR26-4S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) - Sta	11	0	03-Feb-17 A	17-May-17 A																			
CBR26-1S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4	13	0	17-May-17 A	25-May-17 A																			
CBR26-5S-0400.1	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S) - Sta	6	0	13-Feb-17 A	01-Jun-17 A																			
CBR26-3S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S-10S) -	13	0	12-May-17 A	21-Jun-17 A																			
CBR26-4S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-1	8	8	19-May-17 A	07-Jul-17	8	[Green bar]																	
CBR26-3S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S-10S) - Sl	3	3	14-Jul-17	18-Jul-17	27	[Green bar]																	
CBR26-4S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S)	13	13	25-May-17 A	21-Jul-17	35	[Green bar]																	
CBR26-4S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S) -	3	3	24-Jul-17	26-Jul-17	35	[Green bar]																	
CBR26-3S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 3S, Bent 8S-10S) -	14	14	19-Jul-17	07-Aug-17	27	[Green bar]																	
CBR26-2S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 2S, Bent 5S-7S) - Sta	1	1	09-Aug-17	09-Aug-17	171	[Green bar]																	
CBR26-5S-0400.2	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta. 51	4	4	15-Aug-17	18-Aug-17	368	[Green bar]																	
CBR26-5S-0500.1	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-1	4	4	16-Aug-17	21-Aug-17	350	[Green bar]																	
CBR26-6S-0400	Drill Shafts - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18S)	4	4	21-Aug-17	25-Aug-17	368	[Green bar]																	
CBR26-5S-0500.2	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) -	4	4	23-Aug-17	28-Aug-17	369	[Green bar]																	
CBR26-4S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 4S, Bent 11S-13S)	14	14	09-Aug-17	29-Aug-17	27	[Green bar]																	
CBR26-6S-0500	Construct Columns - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Ab	4	4	29-Aug-17	01-Sep-17	368	[Green bar]																	
CBR26-6S-0550	Construct Abutments - Bridge 26b (SBGP) Rt.Widen (Abut 18S) - Sta. 5	15	15	28-Aug-17	18-Sep-17	376	[Green bar]																	
CBR26-5S-0600.1	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S)	13	13	06-Sep-17	25-Sep-17	347	[Green bar]																	
CBR26-5S-0700.1	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-15S) -	2	2	26-Sep-17	27-Sep-17	362	[Green bar]																	
CBR26-5S-0600.2	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - St	13	13	26-Sep-17	13-Oct-17	347	[Green bar]																	
CBR26-5S-0700.2	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 16S) - Sta.	2	2	16-Oct-17	18-Oct-17	349	[Green bar]																	
CBR26-5S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 5S, Bent 14S-16S)	10	10	19-Oct-17	02-Nov-17	349	[Green bar]																	
CBR26-6S-0600	Construct Caps - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut	12	12	16-Oct-17	02-Nov-17	347	[Green bar]																	
CBR26-6S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut18'	2	2	03-Nov-17	06-Nov-17	347	[Green bar]																	
CBR26-6S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 6S, Bent 17S-Abut	8	8	07-Nov-17	16-Nov-17	347	[Green bar]																	
CBR26b-0900.2	Construct Rail/Surf. Trt - Bridge 26b (SBGP) - Sta. 514+51 to 524+00 (E	15	15	17-Nov-17	11-Dec-17	347	[Green bar]																	
CBR26-1S-0550	Construct Abutments - Bridge 26b (SBGP) Rt.Widen (Abut 1S) - Sta. 50	15	15	04-Dec-17	26-Dec-17	75	[Green bar]																	
CBR26-1S-0700	Erect Beams - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4S)	1	1	27-Dec-17	27-Dec-17	75	[Green bar]																	
CBR26-1S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 1S, Abut 1S-Bent4	6	6	28-Dec-17	05-Jan-18	75	[Green bar]																	

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR26-2S-0800	Construct Deck - Bridge 26b (SBGP) Rt.Widen (Unit 2S, Bent 5S-7S) -	6	6	08-Jan-18	15-Jan-18	75												
CBR26b-0900.1	Construct Rail/Surf. Trt - Bridge 26b (SBGP) - Sta. 505+00 to 512+00 (A	15	15	16-Jan-18	05-Feb-18	75												
<b>28 NBGP Over Colorado River</b>		<b>136</b>	<b>136</b>	<b>05-Jul-18</b>	<b>28-Jan-19</b>	<b>0</b>												
CBR28-01-0400	Drill Shafts - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-Bent 4)	12	12	05-Jul-18	20-Jul-18	0												
CBR28-02-0400	Drill Shafts - Bridge 28 (NBGP Over Col. River) (Unit 2, Bent 5-7)	7	7	23-Jul-18	31-Jul-18	21												
CBR28-01-0500	Construct Columns - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-	8	8	23-Jul-18	01-Aug-18	0												
CBR28-01-0550	Construct Abutments - Bridge 28 (NBGP Over Col. River) (Abut 1)	15	15	23-Jul-18	13-Aug-18	69												
CBR28-03-0400	Drill Shafts - Bridge 28 (NBGP Over Col. River) (Unit 3, Bent 8-9)	10	10	01-Aug-18	15-Aug-18	32												
CBR28-02-0500	Construct Columns - Bridge 28 (NBGP Over Col. River) (Unit 2, Bent 5-	12	12	01-Aug-18	17-Aug-18	21												
CBR28-03-0500	Construct Columns - Bridge 28 (NBGP Over Col. River) (Unit 3, Bent 8-	8	8	20-Aug-18	30-Aug-18	30												
CBR28-04-0400	Drill Shafts - Bridge 28 (NBGP Over Col. River) (Unit 4, Bent 10-Abut 11	10	10	16-Aug-18	30-Aug-18	45												
CBR28-01-0600	Construct Caps - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-Ber	28	28	30-Jul-18	10-Sep-18	0												
CBR28-04-0500	Construct Columns - Bridge 28 (NBGP Over Col. River) (Unit 4, Bent 10-	6	6	31-Aug-18	10-Sep-18	45												
CBR28-01-0700	Erect Beams - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-Bent 4)	5	5	11-Sep-18	17-Sep-18	51												
CBR28-04-0550	Construct Abutments - Bridge 28 (NBGP Over Col. River) (Abut 11)	15	15	31-Aug-18	24-Sep-18	49												
CBR28-02-0600	Construct Caps - Bridge 28 (NBGP Over Col. River) (Unit 2, Bent 5-7)	21	21	11-Sep-18	11-Oct-18	0												
CBR28-01-0800	Construct Deck - Bridge 28 (NBGP Over Col. River) (Unit 1, Abut 1-Ber	20	20	19-Sep-18	18-Oct-18	51												
CBR28-02-0700	Erect Beams - Bridge 28 (NBGP Over Col. River) (Unit 2, Bent 5-7)	5	5	12-Oct-18	19-Oct-18	30												
CBR28-03-0600	Construct Caps - Bridge 28 (NBGP Over Col. River) (Unit 3, Bent 8-9)	21	21	12-Oct-18	13-Nov-18	0												
CBR28-02-0800	Construct Deck - Bridge 28 (NBGP Over Col. River) (Unit 2, Bent 5-7)	20	20	22-Oct-18	19-Nov-18	30												
CBR28-03-0700	Erect Beams - Bridge 28 (NBGP Over Col. River) (Unit 3, Bent 8-9)	4	4	14-Nov-18	19-Nov-18	0												
CBR28-04-0600	Construct Caps - Bridge 28 (NBGP Over Col. River) (Unit 4, Bent 10-At	14	14	14-Nov-18	05-Dec-18	2												
CBR28-04-0700	Erect Beams - Bridge 28 (NBGP Over Col. River) (Unit 4, Bent 10-Abut	3	3	06-Dec-18	10-Dec-18	2												
CBR28-03-0800	Construct Deck - Bridge 28 (NBGP Over Col. River) (Unit 3, Bent 8-9)	15	15	20-Nov-18	12-Dec-18	0												
CBR28-04-0800	Construct Deck - Bridge 28 (NBGP Over Col. River) (Unit 4, Bent 10-At	15	15	13-Dec-18	07-Jan-19	0												
CBR28-04-0900	Construct Rail/Surf. Trt - Bridge 28 (NBGP Over Col. River) - Sta. 516+00	15	15	08-Jan-19	28-Jan-19	0												
<b>29 NBGP to Airport Blvd.</b>		<b>62</b>	<b>62</b>	<b>05-Jul-18</b>	<b>05-Oct-18</b>	<b>74</b>												
CBR29-0400	Drill Shafts - Bridge 29 (NBGP to Airport Blvd)	10	10	05-Jul-18	18-Jul-18	2												
CBR29-0500	Construct Columns - Bridge 29 (NBGP to Airport Blvd)	4	4	19-Jul-18	24-Jul-18	6												
CBR29-0550	Construct Abutments - Bridge 29 (NBGP to Airport Blvd)	15	15	19-Jul-18	09-Aug-18	57												
CBR29-0600	Construct Caps - Bridge 29 (NBGP to Airport Blvd)	13	13	25-Jul-18	13-Aug-18	18												
CBR29-0700	Erect Beams - Bridge 29 (NBGP to Airport Blvd)	2	2	14-Aug-18	15-Aug-18	55												
CBR29-0800	Construct Deck - Bridge 29 (NBGP to Airport Blvd)	15	15	22-Aug-18	12-Sep-18	54												
CBR29-0900	Construct Rail/Surf. Trt - Bridge 29 (NBGP to Airport Blvd)	15	15	13-Sep-18	05-Oct-18	74												
<b>32 SBGP Over Airport Blvd.</b>		<b>164</b>	<b>112</b>	<b>06-Oct-16 A</b>	<b>13-Dec-17</b>	<b>345</b>												
CBR32-01-0500	Construct Columns - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - Be	8	0	08-Dec-16 A	03-Feb-17 A													
CBR32-01-0600	Construct Caps - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - Bent 3	14	0	11-Jan-17 A	18-Feb-17 A													
CBR32-02-0400	Drill Shafts - Bridge 32 (SBGP Over Airport) (Unit 2, Bents 4-6)	6	0	06-Oct-16 A	01-Mar-17 A													
CBR32-03-0400	Drill Shafts - Bridge 32 (SBGP Over Airport) (Unit 3, Bents 7-8)	4	0	02-Mar-17 A	23-Mar-17 A													
CBR32-02-0500	Construct Columns - Bridge 32 (SBGP Over Airport) (Unit 2, Bents 4-6)	12	0	29-Nov-16 A	17-Apr-17 A													
CBR32-02-0600	Construct Caps - Bridge 32 (SBGP Over Airport) (Unit 2, Bents 4-6)	21	0	12-Jan-17 A	21-Apr-17 A													
CBR32-03-0500	Construct Columns - Bridge 32 (SBGP Over Airport) (Unit 3, Bents 7-8)	8	0	03-Apr-17 A	25-Apr-17 A													
CBR32-03-0600	Construct Caps - Bridge 32 (SBGP Over Airport) (Unit 3, Bents 7-8)	14	0	10-Apr-17 A	14-May-17 A													
CBR32-03-0700	Erect Beams - Bridge 32 (SBGP Over Airport) (Unit 3, Bents 7-8)	2	2	28-Jun-17	29-Jun-17	424												
CBR32-02-0700	Erect Beams - Bridge 32 (SBGP Over Airport) (Unit 2, Bents 4-6)	3	3	28-Jun-17	30-Jun-17	408												
CBR32-01-0400	Drill Shafts - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - Bent 3)	11	11	18-Oct-16 A	12-Jul-17	366												
CBR32-01-0550	Construct Abutments - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - B	15	15	13-Jul-17	02-Aug-17	366												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR32-01-0700	Erect Beams - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - Bent 3)	5	5	03-Aug-17	10-Aug-17	366												
CBR32-01-0800	Construct Deck - Bridge 32 (SBGP Over Airport) (Unit 1, Abut 1 - Bent 3)	15	15	13-Sep-17	05-Oct-17	345												
CBR32-02-0800	Construct Deck - Bridge 32 (SBGP Over Airport) (Unit 2, Bents 4-6)	15	15	06-Oct-17	27-Oct-17	345												
CBR32-03-0800	Construct Deck - Bridge 32 (SBGP Over Airport) (Unit 3, Bents 7-8)	15	15	30-Oct-17	20-Nov-17	345												
CBR32-03-0900	Construct Rail/Surf. Trt - Bridge 32 (SBGP Over Airport)	15	15	21-Nov-17	13-Dec-17	345												
<b>35 E. Cesar Chavez Street to Bridge 34</b>		144	56	07-Feb-17 A	18-Sep-17	86	▶											
CBR34-0400	Drill Shafts - Bridge 34 (E. Cesar Chavez St to Bridge 35)	5	0	07-Feb-17 A	23-Feb-17 A		▶											
CBR34-0550	Construct Abutments - Bridge 34 (E. Cesar Chavez St to Bridge 35), Str	15	0	19-Apr-17 A	05-May-17 A		▶											
CBR34-0700	Erect Beams - Bridge 34 (E. Cesar Chavez St to Bridge 35)	2	2	26-Jun-17	28-Jun-17	122												
CBR34-0800	Construct Deck - Bridge 34 (E. Cesar Chavez St to Bridge 35)	14	14	23-Aug-17	12-Sep-17	86												
CBR34-0900	Construct Rail/Surf. Trt - Bridge 34 (E. Cesar Chavez St to Bridge 35)	4	4	13-Sep-17	18-Sep-17	86												
<b>38 NBGP Over Montopolis Tributary</b>		51	57	12-Jun-17 A	20-Sep-17	175	▶											
CBR38-0400	Drill Shafts - Bridge 38 (NBGP Over Montopolis Tributary) - Sta. 566+00	7	7	12-Jun-17 A	06-Jul-17	61												
CBR38-0500	Construct Columns - Bridge 38 (NBGP Over Montopolis Tributary) - Sta	6	6	06-Jul-17	13-Jul-17	175												
CBR38-0550	Construct Abutments - Bridge 38 (NBGP Over Montopolis Tributary) - S	15	15	07-Jul-17	27-Jul-17	185												
CBR38-0600	Construct Caps - Bridge 38 (NBGP Over Montopolis Tributary) - Sta. 56	16	16	20-Jul-17	11-Aug-17	175												
CBR38-0700	Erect Beams - Bridge 38 (NBGP Over Montopolis Tributary) - Sta. 566+	3	3	14-Aug-17	16-Aug-17	175												
CBR38-0800	Construct Deck - Bridge 38 (NBGP Over Montopolis Tributary) - Sta. 56	7	7	17-Aug-17	28-Aug-17	175												
CBR38-0900	Construct Rail/Surf. Trt - Bridge 38 (NBGP Over Montopolis Tributary) -	15	15	29-Aug-17	20-Sep-17	175												
<b>41 SBGP Over Montopolis Tributary</b>		52	52	14-Feb-19	03-May-19	100	▶											
CBR41-0400	Drill Shafts - Bridge 41 (SBGP Over Montopolis Tributary) - Sta. 566+00	8	8	14-Feb-19	26-Feb-19	100	▶											
CBR41-0500	Construct Columns - Bridge 41 (SBGP Over Montopolis Tributary) - Sta	6	6	26-Feb-19	06-Mar-19	100	▶											
CBR41-0550	Construct Abutments - Bridge 41 (SBGP Over Montopolis Tributary) - S	15	15	27-Feb-19	21-Mar-19	102	▶											
CBR41-0600	Construct Caps - Bridge 41 (SBGP Over Montopolis Tributary) - Sta. 56	8	8	13-Mar-19	25-Mar-19	100	▶											
CBR41-0700	Erect Beams - Bridge 41 (SBGP Over Montopolis Tributary) - Sta. 566+	2	2	26-Mar-19	27-Mar-19	100	▶											
CBR41-0800	Construct Deck - Bridge 41 (SBGP Over Montopolis Tributary) - Sta. 56	5	5	28-Mar-19	03-Apr-19	100	▶											
CBR41-0900	Construct Rail/Surf. Trt/Raised Section- Bridge 41 (SBGP Over Mont. T	20	20	04-Apr-19	03-May-19	100	▶											
<b>52 NBGP Over Carson Creek</b>		57	57	14-Mar-18	11-Jun-18	4	▶											
CBR52-0400	Drill Shafts - Bridge 52 (NBGP Over Carson Creek) - Sta. 586+00	8	8	14-Mar-18	26-Mar-18	4	▶											
CBR52-0500	Construct Columns - Bridge 52 (NBGP Over Carson Creek) - Sta. 586+	4	4	28-Mar-18	02-Apr-18	4	▶											
CBR52-0550	Construct Abutments - Bridge 52 (NBGP Over Carson Creek) - Sta. 58	15	15	27-Mar-18	18-Apr-18	8	▶											
CBR52-0600	Construct Caps - Bridge 52 (NBGP Over Carson Creek) - Sta. 586+00	8	8	12-Apr-18	24-Apr-18	4	▶											
CBR52-0700	Erect Beams - Bridge 52 (NBGP Over Carson Creek) - Sta. 586+00	2	2	25-Apr-18	26-Apr-18	4	▶											
CBR52-0800	Construct Deck - Bridge 52 (NBGP Over Carson Creek) - Sta. 586+00	8	8	27-Apr-18	09-May-18	4	▶											
CBR52-0900	Construct Rail/Surf. Trt/Raised Section - Bridge 52 (NBGP Over Carsor	20	20	10-May-18	11-Jun-18	4	▶											
<b>55 SBGP On-Ramp at Mont. Tributary</b>		50	50	28-Jan-19	11-Apr-19	115	▶											
CBR55-0400	Drill Shafts - Bridge 55 (SBGP On-Ramp, Montopolis Tributary) - Sta. 5	7	7	28-Jan-19	05-Feb-19	41	▶											
CBR55-0500	Construct Columns - Bridge 55 (SBGP On-Ramp, Montopolis Tributary)	5	5	06-Feb-19	12-Feb-19	115	▶											
CBR55-0550	Construct Abutments - Bridge 55 (SBGP On-Ramp, Montopolis Tributary)	15	15	06-Feb-19	27-Feb-19	118	▶											
CBR55-0600	Construct Caps - Bridge 55 (SBGP On-Ramp, Montopolis Tributary) - S	8	8	21-Feb-19	04-Mar-19	115	▶											
CBR55-0700	Erect Beams - Bridge 55 (SBGP On-Ramp, Montopolis Tributary) - Sta.	3	3	06-Mar-19	08-Mar-19	115	▶											
CBR55-0800	Construct Deck - Bridge 55 (SBGP On-Ramp, Montopolis Tributary) - S	7	7	11-Mar-19	20-Mar-19	115	▶											
CBR55-0900	Construct Rail/Surf. Trt - Bridge 55 (SBGP On-Ramp, Montopolis Tributary)	15	15	21-Mar-19	11-Apr-19	115	▶											
<b>Truss Bridge</b>		60	60	16-Feb-18	18-May-18	332	▶											
CBR30-0090	Construct Deck - Truss Rehab (Br. 30) and Lead Abatement	60	60	16-Feb-18	18-May-18	332	▶											
<b>Drainage</b>		579	326	09-May-16 A	08-Nov-18	32	▶											
<b>Storm Sewer</b>		579	326	09-May-16 A	08-Nov-18	32	▶											
CDR-2190	Construct Drainage - NB - Sta 215+00 to 228+00 (W1-A) [W1-A Include	24	0	15-Jul-16 A	16-Sep-16 A		▶											

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone



183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
CDR-2330	Construct Drainage - SB - 329+00 to 333+00 (W4-B) Culvert Extension	4	0	15-Sep-16 A	17-Sep-16 A													
CDR-1000	Construct Drainage - SB - Sta 205+00 to 230+00 (W1-B)	6	0	22-Jun-16 A	15-Oct-16 A													
CDR-1010	Construct Drainage - NB - Sta 230+00 to 280+00 (W2-A) (1 of 2, Pre-Tr	28	0	23-Jul-16 A	28-Oct-16 A													
CDR-2320	Construct Drainage - SB - Springdale/Manor (W1-D)	6	0	20-Jul-16 A	23-Dec-16 A													
CDR-1020	Construct Drainage - SB - Sta 230+00 to 262+00 (W2-C)	30	0	09-May-16 A	21-Feb-17 A													
CDR-1150	Construct Drainage - NB - Sta 280+00 to 305+00 (LW1-A)	28	0	17-Oct-16 A	22-Feb-17 A													
CDR-2280	Construct Drainage - NB - Sta 228+00 to 237+00 (W1-A, W1-C) [W1-A	19	0	16-Jun-16 A	22-Feb-17 A													
CDR-2290	Construct Drainage - SB - Sta 205+00 to 230+00 (W1-B2)	25	0	27-Dec-16 A	23-Feb-17 A													
CDR-1060	Construct Drainage - NB - Sta 329+00 to 342+00 (W4-A) Outfall 328+50	17	2	28-Jan-17 A	28-Jun-17	16												
CDR-1270	Construct Drainage - SB - Sta 406+00 to 412+00 (B1-C, B1-D)	12	2	20-Apr-17 A	28-Jun-17	24												
CDR-1030	Construct Drainage - SB - Sta 281+00 to 302+00 (LW1-C)	34	4	17-Oct-16 A	30-Jun-17	104												
CDR-1130	Construct Drainage - NB - Sta 185+00 to 230+00 (W0-A, W0-B, W0-C)	11	4	04-May-17 A	30-Jun-17	15												
CDR-1080	Construct Drainage - SB - Sta 367+00 to 374+00 (W6-B)	13	5	10-Dec-16 A	03-Jul-17	15												
CDR-2250	Construct Drainage - NB - Sta 366+00 to 376+00 (W6-A) (Incl. Outfall)	12	10	14-Jun-17 A	11-Jul-17	34												
CDR-2530	Construct Drainage - NB - Sta 392+00 (W7) Outfall	15	10	12-Jun-17 A	11-Jul-17	47												
CDR-2230	Construct Drainage - SB - Sta 343+00 to 351+00 (W5-C)	13	4	17-Mar-17 A	13-Jul-17	45												
CDR-1110	Construct Drainage - NB - Sta 406+00 to 412+00 (B1-A)	7	7	12-Jul-17	20-Jul-17	47												
CDR-2520.4	Construct Drainage - SB - Sta 343+00 to 357+00 (W5-S) Infall (culvert €	8	1	16-Feb-17 A	24-Jul-17	33												
CDR-0080	Construct Drainage - W5US Pond - Sta 356+00 to 363+00, SBGP	20	20	26-Jun-17	25-Jul-17	11												
CDR-1100	Construct Drainage - SB - Sta 380+00 to 392+00 (W7-B, W7-C)	20	20	26-Jun-17	25-Jul-17	4												
CDR-2270	Construct Drainage - NB - Sta 416+00 to 424+00 (B2-A)	8	8	14-Jul-17	25-Jul-17	24												
CDR-2300	Construct Drainage - SB - Springdale/Manor (W2-C)	4	2	01-May-17 A	25-Jul-17	314												
CDR-2520.1	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-N) Outfall	8	2	28-Feb-17 A	25-Jul-17	109												
CDR-2240	Construct Drainage - SB - Sta 353+00 to 365+00 (W5-F) Trunk Line	16	4	10-Mar-17 A	27-Jul-17	35												
CDR-1050	Construct Drainage - SB - Sta 302+00 to 328+00 (LW1-G)	36	24	03-Oct-16 A	31-Jul-17	35												
CDR-1070	Construct Drainage - SB - Sta 329+00 to 342+00 (W4-B) Entrance 328+	17	24	19-Sep-16 A	31-Jul-17	17												
CDR-2200	Construct Drainage - NB - Sta 262+00 to 280+00 (W3-A, W3-C) [W3-A	23	24	01-Mar-17 A	31-Jul-17	74												
CDR-2210	Construct Drainage - SB - Sta 262+00 to 276+00 (W3-B)	16	6	19-Oct-16 A	31-Jul-17	84												
CDR-2520.2	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-S) Outfall	8	8	28-Feb-17 A	02-Aug-17	33												
CDR-2520.3	Construct Drainage - SB - Sta 343+00 to 357+00 (W5-N) Infall (culvert €	8	8	03-Mar-17 A	02-Aug-17	44												
CDR-2310	Construct Drainage - NB - MLK (W5-A)	11	10	14-Feb-17 A	04-Aug-17	172												
CDR-1040	Construct Drainage - NB - Sta 303+00 to 327+00 (LW1-E, LW1-F)	26	12	21-Jan-17 A	09-Aug-17	4												
CDR-1200	Construct Drainage - SB - Sta 320+00 to 357+00 (W5-D)	26	12	09-Mar-17 A	14-Aug-17	41												
CDR-1260	Construct Drainage - NB - Sta 415+00 to 424+00 (B2-B)	14	14	26-Jul-17	15-Aug-17	24												
CDR-2010	Construct Drainage - SBGP - Sta 430+00 to 469+00 (BC-A)	36	36	05-Jul-17	25-Aug-17	15												
CDR-0070	Construct Drainage - W5UN Pond - Sta 350+00 to 355+00, SBGP	20	24	26-Sep-16 A	28-Aug-17	15												
CDR-2220	Construct Drainage - NB - Sta 343+00 to 357+00 (W5-A)	14	14	10-Aug-17	30-Aug-17	4												
CDR-1190	Construct Drainage - NB - Sta 320+00 to 357+00 (W5-B)	29	21	19-Jun-17 A	01-Sep-17	61												
CDR-1090	Construct Drainage - NB - Sta 380+00 to 405+00 (W7-A, W7-D, W7-F)	27	27	26-Jul-17	05-Sep-17	4												
CDR-2340	Construct Drainage - NB - Sta 424+00 to 426+00 (B2-B) - Railroad Cros	20	20	16-Aug-17	14-Sep-17	24												
CDR-0090	Construct Drainage - NB - Sta. 393+00 (W7 Pond)	25	25	06-Sep-17	12-Oct-17	4												
CDR-2260	Construct Drainage - SB - Sta 380+00 to 405+00 (W7-E) (1 of 2)	16	5	16-Mar-17 A	12-Oct-17	15												
CDR-0321	Construct Drainage - SBGP - Sta 484+00 to 499+00 (CR2-C)	19	19	15-Sep-17	13-Oct-17	24												
CDR-1250	Construct Drainage - SB - Sta 380+00 to 405+00 (W7-E) (2 of 2)	4	4	13-Oct-17	19-Oct-17	220												
CDR-1140	Construct Drainage - NB - Sta 232+00 to 235+00 (W2-A) (2 of 2)	4	4	20-Oct-17	25-Oct-17	124												
CDR-2000	Construct Drainage - NBGP - Sta. 430+00 to 463+00 (BC-B)	48	48	28-Aug-17	08-Nov-17	17												
CDR-2020	Construct Drainage - NB - Sta. 491+00 to 500+00 (CR2-D)	12	12	03-Nov-17	20-Nov-17	24												

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL184-050	Construct Wall 184 (Property), Sta. 216+40 to 221+73, RT	35	35	26-Jan-18	19-Mar-18	124												
CWL183-050	Construct Wall 183 (Property), Sta. 210+37 to 216+04, RT	35	35	21-Mar-18	11-May-18	124												
<b>Mainlanes</b>		<b>800</b>	<b>547</b>	<b>26-Apr-16 A</b>	<b>16-Oct-19</b>	<b>11</b>												
<b>Removals</b>		<b>660</b>	<b>240</b>	<b>02-May-16 A</b>	<b>01-Mar-19</b>	<b>146</b>												
<b>ROW Preparation</b>		<b>660</b>	<b>0</b>	<b>02-May-16 A</b>	<b>02-Dec-16 A</b>													
CCG0230	Clear/Grub/Removals - NBML Outside - Sta. 210+00 to 228+00	5	0	02-May-16 A	13-May-16 A													
CCG2940	Clear/Grub/Removals - SBML Tie-In/Center - Sta. 205+00 to 230+00	2	0	11-Jul-16 A	12-Jul-16 A													
CCG0490	Clear/Grub/Removals - SBML Inside - Sta. 205+00 to 251+00	4	0	11-Jul-16 A	15-Jul-16 A													
CCG8580	Clear/Grub/Removals - SBML Outside - Sta. 210+00 to 251+00	4	0	12-Jul-16 A	18-Jul-16 A													
CCG0410	Clear/Grub/Removals - NBML Inside - Sta. 205+00 to 251+00	5	0	12-Jul-16 A	19-Jul-16 A													
CCG0500	Clear/Grub/Removals - SBML Off-Ramp - Sta. 248+00 to 251+00	2	0	18-Jul-16 A	20-Jul-16 A													
CCG0970	Clear/Grub/Removals - NBML - Sta. 320+00 to 370+00	7	0	12-Jul-16 A	21-Jul-16 A													
CCG1180	Clear/Grub/Removals - SBML - Sta. 370+00 to 395+00	3	0	18-Jul-16 A	21-Jul-16 A													
CCG0670	Clear/Grub/Removals - NBML - Sta. 246+00 to 320+00	10	0	12-Jul-16 A	22-Jul-16 A													
CCG1850	Clear/Grub/Removals - NBML - Sta. 395+00 to 425+00	5	0	18-Jul-16 A	23-Jul-16 A													
CCG2080	Clear/Grub/Removals - SBML - Sta. 395+00 to 425+00	5	0	18-Jul-16 A	23-Jul-16 A													
CCG1170	Clear/Grub/Removals - NBML - Sta. 370+00 to 395+00	5	0	18-Jul-16 A	25-Jul-16 A													
CCG0980	Clear/Grub/Removals - SBML - Sta. 320+00 to 370+00	9	0	12-Jul-16 A	25-Jul-16 A													
CCG0680	Clear/Grub/Removals - SBML - Sta. 251+00 to 320+00	13	0	12-Jul-16 A	29-Jul-16 A													
CCG2230	Clear/Grub/Removals - NBML - Sta. 460+00 to 488+00	4	0	01-Aug-16 A	05-Aug-16 A													
CCG1310	Clear/Grub/Removals - NBML - Sta. 524+00 to 530+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1340	Clear/Grub/Removals - SBML - Sta. 530+00 to 535+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG1550	Clear/Grub/Removals - SBML - Sta. 525+00 to 530+00	2	0	03-Aug-16 A	05-Aug-16 A													
CCG2950	Clear/Grub/Removals - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave	2	0	03-Aug-16 A	08-Aug-16 A													
CCG1860	Clear/Grub/Removals - NBML - Sta. 430+00 to 460+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG1960	Clear/Grub/Removals - NBML - Sta. 543+50 to 558+00	3	0	03-Aug-16 A	08-Aug-16 A													
CCG1810	Clear/Grub/Removals - NBML - Sta. 558+00 to 573+00	3	0	03-Aug-16 A	08-Aug-16 A													
CCG2090	Clear/Grub/Removals - SBML - Sta. 430+00 to 460+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG2240	Clear/Grub/Removals - SBML - Sta. 460+00 to 486+00	5	0	01-Aug-16 A	08-Aug-16 A													
CCG2965	Clear/Grub/Removals - SBML - Sta. 555+00 to 558+00 Plug	2	0	03-Aug-16 A	08-Aug-16 A													
CCG1290	Clear/Grub/Removals - NBML - Sta. 485+00 to 505+00	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1920	Clear/Grub/Removals - NBML - Sta. 573+00 to 590+00	3	0	03-Aug-16 A	09-Aug-16 A													
CCG1540	Clear/Grub/Removals - SBML - Sta. 485+00 to 505+00	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1890	Clear/Grub/Removals - SBML - Sta. 558+00 to 585+00 (Full Width)	4	0	03-Aug-16 A	09-Aug-16 A													
CCG1280	Clear/Grub/Removals - SBML - Sta. 535+00 to 555+00	4	0	03-Aug-16 A	10-Aug-16 A													
CCG1870	Clear/Grub/Removals - SBML Inside - Sta. 585+00 to 597+00 SB to EB	2	0	08-Aug-16 A	12-Aug-16 A													
CCG8700	Clear/Grub/Removals - NBML Outside - Sta. 231+00 to 250+00	5	0	06-Sep-16 A	12-Sep-16 A													
CCG0360	Clear/Grub/Removals - NBML Tie-In 205+00 to 214+00	2	0	01-Dec-16 A	02-Dec-16 A													
<b>Bridge Removals</b>		<b>240</b>	<b>240</b>	<b>27-Feb-18</b>	<b>01-Mar-19</b>	<b>146</b>												
CDM2890	Demo - Ped Bridge at Purple Sage - Sta 210+00 to 250+00	10	10	27-Feb-18	13-Mar-18	376												
CDM0730	Demo - SBML US 183 Over Little Walnut Creek Bridge - Sta 301+00 to 3	10	10	24-May-18	08-Jun-18	37												
CDM2060	Demo - SBML US 183 Over Boggy Creek Bridge - Sta 425+00 to 430+0	15	15	24-May-18	15-Jun-18	49												
CDM1840	Demo - Existing NB Bridge Over Colorado River - Sta 516+00 to 524+00	15	15	11-Jun-18	03-Jul-18	0												
CDM0720	Demo - NBML US 183 Over Little Walnut Creek Bridge - Sta 301+00 to 3	10	10	27-Jun-18	11-Jul-18	27												
CDM2070	Demo - NBML US 183 Over Boggy Creek Bridge - Sta 425+00 to 430+0	15	15	27-Jun-18	18-Jul-18	44												
CDM2220	Demo - SBML US 183 Over Bolm Rd - Sta 470+00	10	10	12-Feb-19	26-Feb-19	34												
CDM2210	Demo - NBML US 183 Over Bolm Rd - Sta 470+00	10	10	15-Feb-19	01-Mar-19	63												

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020				
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2									
<b>Earthwork</b>							665	451	13-Jul-16 A	17-May-19	70																
<b>Excavation</b>							665	451	13-Jul-16 A	17-May-19	70																
CEW0230	Earthwork - NBML Outside - Sta. 210+00 to 228+00	26	0	08-Aug-16 A	11-Oct-16 A																						
CEW0490	Earthwork - SBML Inside - Sta. 205+00 to 251+00	20	0	13-Jul-16 A	19-Nov-16 A																						
CEW8700	Earthwork - NBML Outside - Sta. 231+00 to 250+00	11	0	25-Nov-16 A	10-Jun-17 A																						
CEW0360	Earthwork - NBML Tie-In 205+00 to 214+00	7	7	07-Feb-17 A	01-Aug-17	160																					
CEW2080	Earthwork - SBML - Sta. 395+00 to 425+00	18	18	02-Aug-17	29-Aug-17	188																					
CEW0670	Earthwork - NBML - Sta. 246+00 to 320+00	110	73	14-Jul-16 A	13-Oct-17	114																					
CEW1290	Earthwork - NBML - Sta. 485+00 to 505+00	5	64	17-Dec-16 A	20-Oct-17	69																					
CEW2940	Earthwork - SBML Tie-In/Center - Sta. 205+00 to 230+00	5	5	16-Oct-17	23-Oct-17	34																					
CEW2950	Earthwork - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave TP-2)	17	17	24-Oct-17	16-Nov-17	59																					
CEW0410	Earthwork - NBML Inside - Sta. 205+00 to 251+00	25	25	20-Oct-17	28-Nov-17	184																					
CEW8580	Earthwork - SBML Outside - Sta. 210+00 to 251+00	15	15	08-Nov-17	30-Nov-17	34																					
CEW0980	Earthwork - SBML - Sta. 320+00 to 370+00	36	36	20-Oct-17	13-Dec-17	73																					
CEW0970	Earthwork - NBML - Sta. 320+00 to 370+00	33	33	21-Nov-17	11-Jan-18	51																					
CEW1310	Earthwork - NBML - Sta. 524+00 to 530+00	7	7	14-Feb-18	23-Feb-18	3																					
CEW1540	Earthwork - SBML - Sta. 485+00 to 505+00	12	12	23-Mar-18	10-Apr-18	3																					
CEW1550	Earthwork - SBML - Sta. 525+00 to 530+00	13	13	23-Mar-18	11-Apr-18	20																					
CEW1850	Earthwork - NBML - Sta. 395+00 to 425+00	36	36	26-Feb-18	20-Apr-18	35																					
CEW1340	Earthwork - SBML - Sta. 530+00 to 535+00	26	26	23-Mar-18	01-May-18	5																					
CEW1180	Earthwork - SBML - Sta. 370+00 to 395+00	10	10	24-May-18	08-Jun-18	56																					
CEW1960	Earthwork - NBML - Sta. 543+50 to 558+00	5	5	11-Jun-18	15-Jun-18	84																					
CEW1280	Earthwork - SBML - Sta. 535+00 to 555+00	26	26	15-May-18	25-Jun-18	89																					
CEW1170	Earthwork - NBML - Sta. 370+00 to 395+00	14	14	27-Jun-18	17-Jul-18	25																					
CEW0680	Earthwork - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	112	112	13-Mar-18	31-Aug-18	-88																					
CEW2090	Earthwork - SBML - Sta. 430+00 to 460+00	44	44	28-Jun-18	31-Aug-18	30																					
CEW1860	Earthwork - NBML - Sta. 430+00 to 460+00	48	48	27-Jun-18	06-Sep-18	69																					
CEW1920	Earthwork - NBML - Sta. 573+00 to 590+00	60	60	20-Jun-18	19-Sep-18	166																					
CEW1870	Earthwork - SBML Inside - Sta. 585+00 to 597+00 SB to EB	20	20	29-Aug-18	27-Sep-18	48																					
CEW2965	Earthwork - SBML - Sta. 555+00 to 558+00 Plug	1	1	28-Sep-18	28-Sep-18	55																					
CEW1810	Earthwork - NBML - Sta. 558+00 to 573+00	27	27	20-Sep-18	31-Oct-18	166																					
CEW1890	Earthwork - SBML - Sta. 558+00 to 585+00 (Full Width)	90	90	20-Jun-18	05-Nov-18	40																					
CEW8630	Earthwork - NBML - Sta. 535+00 to 543+50	24	24	05-Feb-19	12-Mar-19	114																					
CEW2240	Earthwork - SBML - Sta. 460+00 to 486+00	35	35	12-Feb-19	04-Apr-19	0																					
CEW2230	Earthwork - NBML - Sta. 460+00 to 488+00	60	60	15-Feb-19	17-May-19	15																					
<b>Landscaping</b>							250	250	01-Feb-18	24-May-19	53																
<b>Special Aesthetic Landscape</b>							250	250	01-Feb-18	24-May-19	53																
CLS-0205	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - NB - Sta 205+00	50	50	01-Feb-18	18-Apr-18	53																					
CLS-0220	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - Median - Sta 20	50	50	01-Feb-18	18-Apr-18	143																					
CLS-0210	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - SB - Sta 205+00	50	50	19-Apr-18	06-Jul-18	53																					
CLS-0240	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - SB - Sta 425+00	50	50	09-Jul-18	20-Sep-18	53																					
CLS-0230	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - NB - Sta 425+00	50	50	21-Sep-18	08-Mar-19	53																					
CLS-0250	Install Landscaping (Topsoil, Mulch, Seeding/Sodding) - Median - Sta 42	50	50	11-Mar-19	24-May-19	53																					
<b>Subgrade Treatment and Base</b>							623	464	13-Oct-16 A	10-Jun-19	72																
<b>Lime Treatment and Other</b>							441	441	31-Jul-17	10-Jun-19	72																
CCB0360	Construct CTB - NBML Tie-In 205+00 to 214+00	3	3	07-Aug-17	10-Aug-17	160																					
CCB8700	Construct CTB - NBML Outside - Sta 231+00 to 250+00	9	9	31-Jul-17	11-Aug-17	267																					
CCB0490	Construct CTB - SBML Inside - Sta 205+00 to 251+00	6	6	31-Aug-17	08-Sep-17	19																					

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CCB0230	Construct CTB - NBML Outside - Sta 210+00 to 228+00	9	9	31-Aug-17	13-Sep-17	124		■										
CCB2940	Construct CTB - SBML Tie-In/Center - Sta 205+00 to 230+00	3	3	27-Oct-17	01-Nov-17	34			■									
CCB1290	Construct CTB - NBML - Sta 485+00 to 505+00	9	9	04-Dec-17	14-Dec-17	46				■								
CCB8580	Construct CTB - SBML Outside - Sta 210+00 to 251+00	6	6	20-Dec-17	28-Dec-17	34					■							
CCB2950	Construct CTB - NBML - Sta 530+00 to 535+00 (Excl. Tmp Pave TP-2)	3	3	27-Dec-17	29-Dec-17	44						■						
CCB0410	Construct CTB - NBML Inside - Sta 205+00 to 251+00	8	8	28-Dec-17	09-Jan-18	184							■					
CCB1310	Construct CTB - NBML - Sta 524+00 to 530+00	3	3	01-Mar-18	05-Mar-18	3								■				
CCB1550	Construct CTB - SBML - Sta 525+00 to 530+00	3	3	19-Apr-18	23-Apr-18	20									■			
CCB1540	Construct CTB - SBML - Sta 485+00 to 505+00	8	8	24-Apr-18	03-May-18	3										■		
CCB1340	Construct CTB - SBML - Sta 530+00 to 535+00	3	3	18-May-18	23-May-18	0											■	
CCB1280	Construct CTB - SBML - Sta 535+00 to 555+00	8	8	09-Jul-18	18-Jul-18	204											■	
CCB0980	Construct CTB - SBML - Sta 320+00 to 370+00	16	16	23-Jul-18	14-Aug-18	-58											■	
CCB1180	Construct CTB - SBML - Sta 370+00 to 395+00	7	7	24-Aug-18	04-Sep-18	34											■	
CCB0670	Construct CTB - NBML - Sta 246+00 to 320+00	16	16	22-Aug-18	13-Sep-18	-80											■	
CCB0970	Construct CTB - NBML - Sta 320+00 to 370+00	16	16	22-Aug-18	13-Sep-18	-79											■	
CCB1170	Construct CTB - NBML - Sta 370+00 to 395+00	9	9	05-Sep-18	17-Sep-18	25											■	
CCB2090	Construct CTB - SBML - Sta 430+00 to 460+00	10	10	11-Sep-18	25-Sep-18	30											■	
CCB0680	Construct CTB - SBML - Sta 251+00 to 320+00 (Incl. Ramp)	18	18	30-Aug-18	26-Sep-18	-93											■	
CCB1870	Construct CTB - SBML Inside - Sta 585+00 to 597+00 SB to EB	3	3	03-Oct-18	05-Oct-18	95											■	
CCB1920	Construct CTB - NBML - Sta 573+00 to 590+00	10	10	05-Oct-18	19-Oct-18	205											■	
CCB1960	Construct CTB - NBML - Sta 543+50 to 558+00	11	11	17-Oct-18	01-Nov-18	30											■	
CCB2080	Construct CTB - SBML - Sta 395+00 to 425+00	11	11	18-Oct-18	02-Nov-18	104											■	
CCB1860	Construct CTB - NBML - Sta 430+00 to 460+00	11	11	24-Oct-18	08-Nov-18	77											■	
CCB1810	Construct CTB - NBML - Sta 558+00 to 573+00	3	3	07-Nov-18	09-Nov-18	209											■	
CCB1850	Construct CTB - NBML - Sta 395+00 to 425+00	17	17	17-Oct-18	09-Nov-18	133											■	
CCB2965	Construct CTB - SBML - Sta 555+00 to 558+00 Plug	3	3	13-Nov-18	15-Nov-18	30											■	
CCB1890	Construct CTB - SBML - Sta 558+00 to 585+00 (Full Width)	10	10	30-Nov-18	13-Dec-18	32											■	
CCB2240	Construct CTB - SBML - Sta 460+00 to 486+00	9	9	22-Apr-19	03-May-19	3											■	
CCB2230	Construct CTB - NBML - Sta 460+00 to 488+00	10	10	24-May-19	10-Jun-19	15											■	
<b>Flexible Base</b>		<b>613</b>	<b>454</b>	<b>13-Oct-16 A</b>	<b>23-May-19</b>	<b>79</b>												
CSE8700	Construct Select - NBML Outside - Sta. 231+00 to 250+00	23	23	10-Jun-17 A	28-Jul-17	267	■											
CSE0360	Construct Select - NBML Tie-In 205+00 to 214+00	3	3	02-Aug-17	04-Aug-17	160		■										
CSE0230	Construct Select - NBML Outside - Sta. 210+00 to 228+00	19	44	13-Oct-16 A	30-Aug-17	124	■	■										
CSE0490	Construct Select - SBML Inside - Sta. 205+00 to 251+00	11	44	01-Dec-16 A	30-Aug-17	19	■	■										
CSE2940	Construct Select - SBML Tie-In/Center - Sta. 205+00 to 230+00	3	3	24-Oct-17	26-Oct-17	34											■	
CSE1290	Construct Select - NBML - Sta. 485+00 to 505+00	4	4	28-Nov-17	01-Dec-17	46											■	
CSE8580	Construct Select - SBML Outside - Sta. 210+00 to 251+00	12	12	01-Dec-17	18-Dec-17	34											■	
CSE2950	Construct Select - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave TP-:	2	2	21-Dec-17	22-Dec-17	44											■	
CGE2950	Install Geogrid - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pave TP-2)	1	1	26-Dec-17	26-Dec-17	44											■	
CSE0410	Construct Select - NBML Inside - Sta. 205+00 to 251+00	19	19	29-Nov-17	27-Dec-17	184											■	
CSE1310	Construct Select - NBML - Sta. 524+00 to 530+00	2	2	26-Feb-18	27-Feb-18	3											■	
CGE1310	Install Geogrid - NBML - Sta. 524+00 to 530+00	1	1	28-Feb-18	28-Feb-18	3											■	
CSE1550	Construct Select - SBML - Sta. 525+00 to 530+00	2	2	12-Apr-18	13-Apr-18	20											■	
CGE1550	Install Geogrid - SBML - Sta. 525+00 to 530+00	2	2	16-Apr-18	18-Apr-18	20											■	
CSE1540	Construct Select - SBML - Sta. 485+00 to 505+00	4	4	18-Apr-18	23-Apr-18	3											■	
CSE1340	Construct Select - SBML - Sta. 530+00 to 535+00	2	2	15-May-18	16-May-18	0											■	
CGE1340	Install Geogrid - SBML - Sta. 530+00 to 535+00	1	1	17-May-18	17-May-18	0											■	



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020							
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2	
CSE1280	Construct Select - SBML - Sta. 535+00 to 555+00	5	5	27-Jun-18	03-Jul-18	89																								
CGE1280	Install Geogrid - SBML - Sta. 535+00 to 555+00	2	2	05-Jul-18	06-Jul-18	204																								
CSE1960	Construct Select - NBML - Sta. 543+50 to 558+00	5	5	11-Jul-18	17-Jul-18	84																								
CGE1960	Install Geogrid - NBML - Sta. 543+50 to 558+00	2	2	18-Jul-18	19-Jul-18	87																								
CSE0980	Construct Select - SBML - Sta. 320+00 to 370+00	37	37	24-May-18	20-Jul-18	-58																								
CGE0980	Install Geogrid - SBML - Sta. 320+00 to 370+00	21	21	20-Jun-18	20-Jul-18	-58																								
CSE1180	Construct Select - SBML - Sta. 370+00 to 395+00	14	14	16-Jul-18	02-Aug-18	34																								
CSE1170	Construct Select - NBML - Sta. 370+00 to 395+00	19	19	18-Jul-18	14-Aug-18	25																								
CSE0970	Construct Select - NBML - Sta. 320+00 to 370+00	37	37	27-Jun-18	20-Aug-18	-79																								
CGE0970	Install Geogrid - NBML - Sta. 320+00 to 370+00	21	21	20-Jul-18	20-Aug-18	-79																								
CGE1180	Install Geogrid - SBML - Sta. 370+00 to 380+00	13	13	03-Aug-18	23-Aug-18	34																								
CGE1170	Install Geogrid - NBML - Sta. 370+00 to 380+00	13	13	15-Aug-18	04-Sep-18	25																								
CSE0670	Construct Select - NBML - Sta. 246+00 to 320+00	37	37	13-Jul-18	06-Sep-18	-80																								
CSE2090	Construct Select - SBML - Sta. 430+00 to 460+00	5	5	04-Sep-18	10-Sep-18	30																								
CSE0680	Construct Select - SBML - Sta. 251+00 to 320+00 (Incl. Ramp)	45	45	12-Jul-18	17-Sep-18	-93																								
CSE1920	Construct Select - NBML - Sta. 573+00 to 590+00	5	5	20-Sep-18	26-Sep-18	205																								
CSE1870	Construct Select - SBML Inside - Sta. 585+00 to 597+00 SB to EB	2	2	28-Sep-18	01-Oct-18	62																								
CSE2965	Construct Select - SBML - Sta. 555+00 to 558+00 Plug	2	2	01-Oct-18	03-Oct-18	55																								
CGE1920	Install Geogrid - NBML - Sta. 573+00 to 590+00	5	5	27-Sep-18	04-Oct-18	205																								
CGE2965	Install Geogrid - SBML - Sta. 555+00 to 558+00 Plug	1	1	04-Oct-18	04-Oct-18	55																								
CSE1850	Construct Select - NBML - Sta. 395+00 to 425+00	40	40	15-Aug-18	15-Oct-18	77																								
CSE2080	Construct Select - SBML - Sta. 395+00 to 425+00	24	24	11-Sep-18	17-Oct-18	104																								
CSE1860	Construct Select - NBML - Sta. 430+00 to 460+00	5	5	17-Oct-18	23-Oct-18	77																								
CSE1810	Construct Select - NBML - Sta. 558+00 to 573+00	2	2	01-Nov-18	02-Nov-18	209																								
CGE1810	Install Geogrid - NBML - Sta. 558+00 to 573+00	2	2	05-Nov-18	06-Nov-18	209																								
CSE1890	Construct Select - SBML - Sta. 558+00 to 585+00 (Full Width)	5	5	16-Nov-18	26-Nov-18	32																								
CGE1890	Install Geogrid - SBML - Sta. 558+00 to 585+00 (Full Width)	3	3	27-Nov-18	29-Nov-18	32																								
CSE2240	Construct Select - SBML - Sta. 460+00 to 486+00	4	4	16-Apr-19	19-Apr-19	3																								
CSE2230	Construct Select - NBML - Sta. 460+00 to 488+00	5	5	16-May-19	23-May-19	15																								
<b>Pavement</b>		<b>452</b>	<b>452</b>	<b>11-Aug-17</b>	<b>10-Jul-19</b>	<b>59</b>																								
<b>Asphalt Pavement</b>		<b>435</b>	<b>435</b>	<b>11-Aug-17</b>	<b>12-Jun-19</b>	<b>71</b>																								
CBB0360	Construct Bond Breaker - NBML Tie-In 205+00 to 214+00	1	1	11-Aug-17	11-Aug-17	160																								
CBB8700	Construct Bond Breaker - NBML Outside - Sta. 231+00 to 250+00	3	3	14-Aug-17	16-Aug-17	267																								
CBB0490	Construct Bond Breaker - SBML Inside - Sta. 205+00 to 251+00	3	3	11-Sep-17	13-Sep-17	19																								
CBB0230	Construct Bond Breaker - NBML Outside - Sta. 210+00 to 228+00	3	3	14-Sep-17	18-Sep-17	124																								
CBB2940	Construct Bond Breaker - SBML Tie-In/Center - Sta. 205+00 to 230+00	1	1	02-Nov-17	02-Nov-17	34																								
CBB1290	Construct Bond Breaker - NBML - Sta. 485+00 to 505+00	2	2	15-Dec-17	18-Dec-17	46																								
CBB8580	Construct Bond Breaker - SBML Outside - Sta. 210+00 to 251+00	1	1	29-Dec-17	29-Dec-17	34																								
CBB2950	Construct Bond Breaker - NBML - Sta. 530+00 to 535+00 (Excl. Tmp Pz	1	1	02-Jan-18	02-Jan-18	44																								
CBB0410	Construct Bond Breaker - NBML Inside - Sta. 205+00 to 251+00	2	2	10-Jan-18	11-Jan-18	184																								
CBB1310	Construct Bond Breaker - NBML - Sta. 524+00 to 530+00	1	1	07-Mar-18	07-Mar-18	3																								
CBB1550	Construct Bond Breaker - SBML - Sta. 525+00 to 530+00	1	1	24-Apr-18	24-Apr-18	20																								
CBB1540	Construct Bond Breaker - SBML - Sta. 485+00 to 505+00	2	2	04-May-18	07-May-18	3																								
CBB1340	Construct Bond Breaker - SBML - Sta. 530+00 to 535+00	1	1	24-May-18	24-May-18	0																								
CBB1280	Construct Bond Breaker - SBML - Sta. 535+00 to 555+00	2	2	19-Jul-18	20-Jul-18	204																								
CBB0980	Construct Bond Breaker - SBML - Sta. 320+00 to 370+00	4	4	15-Aug-18	20-Aug-18	-58																								
CBB1180	Construct Bond Breaker - SBML - Sta. 370+00 to 395+00	1	1	05-Sep-18	05-Sep-18	40																								

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL137-090	Construct Wall Coping 137 (MSE), Sta. 307+16 to 321+32, RT	5	5	24-Oct-17	30-Oct-17	126												
<b>Wall 189</b>		12	16	05-Jun-17 A	16-Oct-17	140												
CWL189-050	Construct Wall 189 (MSE), Sta. 287+00 to 293+80, LT	12	12	05-Jun-17 A	10-Oct-17	56												
CWL189-090	Construct Wall Coping 189 (MSE), Sta. 287+00 to 293+80, LT	4	4	11-Oct-17	16-Oct-17	140												
<b>Wall 195</b>		30	25	12-Jun-17 A	01-Aug-17	100												
CWL195-050	Construct Wall 195 (MSE), Sta. 2323+88 to 2331+89, RT	20	20	12-Jun-17 A	25-Jul-17	31												
CWL195-090	Construct Wall Coping 195 (MSE), Sta. 2323+88 to 2331+89, RT	5	5	26-Jul-17	01-Aug-17	100												
<b>Wall 196</b>		27	27	30-Nov-17	10-Jan-18	87												
CWL196-050	Construct Wall 196 (S/N), Sta. 360+00 to 364+20, RT (Cut)	14	14	30-Nov-17	20-Dec-17	87												
CWL196-90	Construct Wall 196 (Fascia), Sta. 360+00 to 364+20, RT (Cut)	10	10	21-Dec-17	05-Jan-18	87												
CWL196-090	Construct Wall Coping 196 (S/N), Sta. 360+00 to 364+20, RT (Cut)	3	3	08-Jan-18	10-Jan-18	87												
<b>Wall 209</b>		31	31	31-Jul-17	14-Sep-17	392												
CWL209-050	Construct Wall 209 (MSE), Sta. 17+26 to 23+30, RT (Fill) (Incl. Rail)	26	26	31-Jul-17	07-Sep-17	7												
CWL209-090	Construct Wall Coping 209 (MSE), Sta. 17+26 to 23+30, RT	5	5	08-Sep-17	14-Sep-17	392												
<b>Wall 210</b>		17	17	10-Nov-17	06-Dec-17	316												
CWL210-050	Construct Wall 210 (MSE), Sta. 2505+72 to 2508+95, RT (Fill)	14	14	10-Nov-17	01-Dec-17	75												
CWL210-090	Construct Wall Coping 210 (MSE), Sta. 2505+72 to 2508+95, RT (Fill)	3	3	04-Dec-17	06-Dec-17	316												
<b>Wall 213</b>		86	86	14-Dec-17	24-Apr-18	172												
CWL213-050	Construct Wall 213 (S/N), Sta. 3525+50 to 3540+90, LT (Cut)	56	56	14-Dec-17	08-Mar-18	85												
CWL213-90	Construct Wall 213 (Fascia), Sta. 3525+50 to 3540+90, LT (Cut)	24	24	09-Mar-18	13-Apr-18	85												
CWL213-090	Construct Wall Coping 213 (S/N), Sta. 3525+50 to 3540+90, LT	6	6	16-Apr-18	24-Apr-18	172												
<b>Wall 214 S/N</b>		38	38	09-Aug-18	05-Oct-18	238												
CWL214-060	Construct Wall 214 (S/N), Sta. 3533+40 to 3537+00, LT (Cut/Fill) 1/2	22	22	09-Aug-18	11-Sep-18	39												
CWL214-90	Construct Wall 214 (Fascia), Sta. 3533+40 to 3537+00, LT (Cut/Fill) 1/2	10	10	12-Sep-18	26-Sep-18	39												
CWL214-090	Construct Wall Coping 214 (S/N), Sta. 3527+00 to 3535+34, LT (Cut/Fill)	6	6	27-Sep-18	05-Oct-18	238												
<b>Wall 214 MSE</b>		23	23	29-May-18	03-Jul-18	89												
CWL214-070	Construct Wall 214 (MSE-1), Sta. 3527+80 to 3533+40, LT (Cut/Fill) 2/2	23	23	29-May-18	03-Jul-18	89												
<b>Wall 223</b>		46	46	12-Apr-18	22-Jun-18	284												
CWL223-050	Construct Wall 223 (MSE), Sta. 2570+88 to 2574+50, RT (Fill) (Incl. Rail)	39	39	12-Apr-18	12-Jun-18	134												
CWL223-090	Construct Wall Coping 223 (MSE), Sta. 2570+88 to 2574+50, RT	7	7	13-Jun-18	22-Jun-18	284												
<b>Wall 225</b>		29	29	29-Aug-18	11-Oct-18	75												
CWL225-050	Construct Wall 225 (MSE), Sta. 1577+10 to 1584+34, LT (Fill) (Incl. Rail)	24	24	29-Aug-18	04-Oct-18	60												
CWL225-090	Construct Wall Coping 225 (MSE), Sta. 1577+10 to 1584+34, LT	5	5	05-Oct-18	11-Oct-18	75												
<b>Wall 226</b>		339	339	26-Jun-17	29-Nov-18	181												
CWL226-050	Construct Wall 226 (MSE), Sta. 4580+00 to 4580+00, RT/LT (Fill)	21	21	26-Jun-17	26-Jul-17	330												
CWL226-090	Construct Wall Coping 226 (MSE), Sta. 4580+00 to 4580+00, RT/LT	4	4	26-Nov-18	29-Nov-18	181												
<b>Wall 228</b>		14	14	09-May-18	30-May-18	179												
CWL228-050	Construct Wall 228 (MSE), Sta. 3580+77 to 3583+37, RT (Fill) (Incl. Rail)	12	12	09-May-18	25-May-18	44												
CWL228-090	Construct Wall Coping 228 (MSE), Sta. 3580+77 to 3583+37, RT	2	2	29-May-18	30-May-18	179												
<b>Wall T202</b>		10	10	29-Aug-18	12-Sep-18	72												
CWLT202-050	Construct Wall T202 (Temp), Sta. 3584+00 to 3590+00, SBML, RT (Fill)	10	10	29-Aug-18	12-Sep-18	72												
<b>Bridges</b>		787	539	08-Jun-16 A	03-Oct-19	19												
<b>8 NBML Over Little Walnut Creek</b>		212	71	11-Jul-16 A	10-Oct-18	27												
CBR08-0400	Drill Shafts - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302+00	11	11	11-Jul-16 A	11-Jul-18	28												
CBR08-0500	Construct Columns - Bridge 08 (NBML Over Little Walnut Creek) - Sta.	6	6	12-Jul-18	19-Jul-18	27												
CBR08-0550	Construct Abutments - Bridge 08 (NBML Over Little Walnut Creek) - Sta.	15	15	12-Jul-18	01-Aug-18	38												
CBR08-0600	Construct Caps - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302	16	16	26-Jul-18	17-Aug-18	27												
CBR08-0700	Erect Beams - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302+00	5	5	20-Aug-18	27-Aug-18	27												
CBR08-0800	Construct Deck - Bridge 08 (NBML Over Little Walnut Creek) - Sta. 302	14	14	28-Aug-18	17-Sep-18	27												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR08-0900	Construct Rail/Surf. Trt - Bridge 08 (NBML Over Little Walnut Creek) - 5	15	15	19-Sep-18	10-Oct-18	27												
<b>11 Ped Crossing at 51st Street</b>		134	115	08-May-17 A	28-Feb-18	146												
CBR11-0400	Drill Shafts - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	10	10	08-May-17 A	21-Sep-17	173												
CBR11-0500	Construct Columns - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	30	30	07-Sep-17	23-Oct-17	173												
CBR11-0600	Construct Caps - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	18	18	11-Oct-17	07-Nov-17	201												
CBR11-0550	Construct Abutments - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	20	20	03-Jan-18	30-Jan-18	146												
CBR11-0700	Erect Beams - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	5	5	31-Jan-18	06-Feb-18	146												
CBR11-0800	Construct Deck - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	15	15	07-Feb-18	28-Feb-18	146												
<b>9 SBML Over Little Walnut Creek</b>		70	70	10-Aug-18	27-Nov-18	-3												
CBR09-0400	Drill Shafts - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	11	11	10-Aug-18	27-Aug-18	-3												
CBR09-0500	Construct Columns - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	6	6	27-Aug-18	04-Sep-18	-3												
CBR09-0550	Construct Abutments - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	15	15	28-Aug-18	19-Sep-18	7												
CBR09-0600	Construct Caps - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	16	16	11-Sep-18	04-Oct-18	-3												
CBR09-0700	Erect Beams - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	5	5	05-Oct-18	11-Oct-18	-3												
CBR09-0800	Construct Deck - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	14	14	12-Oct-18	02-Nov-18	-3												
CBR09-0900	Construct Rail/Surf. Trt - Bridge 09 (SBML Over Little Walnut Creek) - Sta. 301+00	15	15	05-Nov-18	27-Nov-18	-3												
<b>18b NBML Over Boggy Creek</b>		386	386	01-Sep-17	17-Apr-19	67												
CSW-1900	Construct Sidewalk - Bridge 19a (NBML Over Boggy Creek) - Sta. 427+00	10	10	01-Sep-17	15-Sep-17	69												
CBR18b-0400	Drill Shafts - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	23	23	19-Jul-18	22-Aug-18	44												
CBR18b-0550	Construct Abutments - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	15	15	23-Aug-18	13-Sep-18	145												
CBR18b-0500	Construct Columns - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	14	14	10-Oct-18	31-Oct-18	4												
CBR18b-0600	Construct Caps - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	32	32	21-Nov-18	10-Jan-19	69												
CBR18b-0700	Erect Beams - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	11	11	11-Jan-19	25-Jan-19	69												
CBR18b-0800	Construct Deck - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	37	37	30-Jan-19	26-Mar-19	67												
CBR18b-0900	Construct Rail/Surf. Trt - Bridge 18b (NBML Over Boggy Creek) - Sta. 427+00	15	15	27-Mar-19	17-Apr-19	67												
<b>19b SBML Over Boggy Creek</b>		162	162	18-Jun-18	20-Feb-19	79												
CBR19b-0400	Drill Shafts - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	23	23	18-Jun-18	23-Jul-18	50												
CBR19b-0550	Construct Abutments - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	15	15	24-Jul-18	14-Aug-18	131												
CBR19b-0500	Construct Columns - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	14	14	19-Sep-18	09-Oct-18	4												
CBR19b-0600	Construct Caps - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	32	32	04-Oct-18	20-Nov-18	67												
CBR19b-0700	Erect Beams - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	9	9	21-Nov-18	05-Dec-18	67												
CBR19b-0800	Construct Deck - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	36	36	06-Dec-18	29-Jan-19	67												
CBR19b-0900	Construct Rail/Surf. Trt - Bridge 19b (SBML Over Boggy Creek) - Sta. 427+00	15	15	30-Jan-19	20-Feb-19	79												
<b>24 Ped Crossing at Bolm Road</b>		113	113	04-Mar-19	26-Aug-19	19												
CBR24-0400	Drill Shafts - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	7	7	04-Mar-19	13-Mar-19	68												
CBR24-0500	Construct Columns - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	30	30	12-Mar-19	25-Apr-19	68												
CBR24-0600	Construct Caps - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	18	18	15-Apr-19	10-May-19	68												
CBR24-0700	Erect Beams - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	5	5	29-Jul-19	02-Aug-19	19												
CBR24-0800	Construct Deck - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	14	14	05-Aug-19	26-Aug-19	19												
<b>22 Pedestrian Overlook at Boggy Creek</b>		329	337	22-Mar-17 A	21-Dec-18	203												
CBR22-0400	Drill Shafts - Bridge 22 (Ped Overlook) - Sta. 428+00	8	8	22-Mar-17 A	02-Aug-17	279												
CBR22-0550	Construct Abutments - Bridge 22 (Ped Overlook) - Sta. 428+00	15	15	03-Aug-17	25-Aug-17	487												
CBR22-0500	Construct Columns - Bridge 22 (Ped Overlook) - Sta. 428+00	5	5	01-Nov-18	07-Nov-18	203												
CBR22-0700	Set Prefabricated Truss - Bridge 22 (Ped Overlook) - Sta. 428+00	10	10	08-Nov-18	21-Nov-18	203												
CBR22-0800	Construct Deck - Bridge 22 (Ped Overlook) - Sta. 428+00	5	5	26-Nov-18	30-Nov-18	203												
CBR22-0900	Construct Rail/Surf. Trt - Bridge 22 (Ped Overlook) - Sta. 428+00	15	15	03-Dec-18	21-Dec-18	203												
<b>26a NBML Over Colorado River</b>		537	289	08-Jun-16 A	12-Sep-18	258												
CBR26-3N-0410.1	Drill Shafts - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N) - Spans 8	2	0	12-Oct-16 A	17-Oct-16 A													







Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
CBR26-3N-0710.2	Erect Beams - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - Spa	2	2	17-Aug-18	20-Aug-18	54													
CBR26-3N-0810.2	Construct Deck - Bridge 26a (NBML) Lt. Widen (Unit 3N, Bent 8N-A) - S	15	15	22-Aug-18	12-Sep-18	258													
<b>39 NBML Over Montopolis Tributary</b>		<b>250</b>	<b>265</b>	<b>08-Jun-17 A</b>	<b>06-Aug-18</b>	<b>277</b>													
CBR39-0400	Drill Shafts - Bridge 39 (NBML Over Montopolis Tributary) - Sta. 566+00	15	15	08-Jun-17 A	18-Jul-17	323													
CBR39-0550	Construct Abutments - Bridge 39 (NBML Over Montopolis Tributary) - St	15	15	19-Jul-17	09-Aug-17	475													
CBR39-0500	Construct Columns - Bridge 39 (NBML Over Montopolis Tributary) - Sta	12	12	01-May-18	17-May-18	129													
CBR39-0600	Construct Caps - Bridge 39 (NBML Over Montopolis Tributary) - Sta. 56	16	16	16-May-18	11-Jun-18	129													
CBR39-0700	Erect Beams - Bridge 39 (NBML Over Montopolis Tributary) - Sta. 566+H	6	6	12-Jun-18	20-Jun-18	277													
CBR39-0800	Construct Deck - Bridge 39 (NBML Over Montopolis Tributary) - Sta. 56	16	16	21-Jun-18	16-Jul-18	277													
CBR39-0900	Construct Rail/Surf. Trt - Bridge 39 (NBML Over Montopolis Tributary) -	15	15	17-Jul-18	06-Aug-18	277													
<b>51 Ped Crossing at Purple Sage</b>		<b>481</b>	<b>481</b>	<b>22-Sep-17</b>	<b>03-Oct-19</b>	<b>19</b>													
CBR51-0400	Drill Shafts - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 241+00	14	14	22-Sep-17	12-Oct-17	179													
CBR51-0550	Construct Abutments - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 2	15	15	30-Oct-17	20-Nov-17	194													
CBR51-0500	Construct Columns - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 24	30	30	24-Oct-17	07-Dec-17	173													
CBR51-0600	Construct Caps - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 241+00	30	30	08-Nov-17	22-Dec-17	173													
CBR51-0700	Erect Beams - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 241+00	5	5	26-Dec-17	02-Jan-18	173													
CBR51-0800	Construct Deck - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 241+00	13	13	03-Jan-18	19-Jan-18	173													
CBR51-0950	Set Canopy - Bridge 51 (Ped Crossing at Purple Sage) - Sta. 241+00	25	25	22-Jan-18	26-Feb-18	173													
CBR11-0950	Set Canopy - Bridge 11 (Ped Crossing at 51 St) - Sta. 319+00	25	25	01-Mar-18	09-Apr-18	146													
CBR24-0950	Set Canopy - Bridge 24 (Ped Crossing at Bolm Rd) - Sta. 472+00	25	25	27-Aug-19	03-Oct-19	19													
<b>40 SBML Over Montopolis Tributary</b>		<b>72</b>	<b>72</b>	<b>14-Aug-18</b>	<b>03-Dec-18</b>	<b>63</b>													
CBR40-0400	Drill Shafts - Bridge 40 (SBML Over Montopolis Tributary)- Sta. 566+00	18	18	14-Aug-18	10-Sep-18	4													
CBR40-0500	Construct Columns - Bridge 40 (SBML Over Montopolis Tributary)- Sta.	10	10	04-Sep-18	17-Sep-18	4													
CBR40-0550	Construct Abutments - Bridge 40 (SBML Over Montopolis Tributary)- Sta	15	15	11-Sep-18	03-Oct-18	69													
CBR40-0600	Construct Caps - Bridge 40 (SBML Over Montopolis Tributary)- Sta. 566	16	16	19-Sep-18	11-Oct-18	63													
CBR40-0700	Erect Beams - Bridge 40 (SBML Over Montopolis Tributary)- Sta. 566+0	5	5	12-Oct-18	19-Oct-18	63													
CBR40-0800	Construct Deck - Bridge 40 (SBML Over Montopolis Tributary)- Sta. 566	13	13	22-Oct-18	08-Nov-18	63													
CBR40-0900	Construct Rail/Surf. Trt - Bridge 40 (SBML Over Montopolis Tributary)- S	15	15	09-Nov-18	03-Dec-18	63													
<b>53 NBML Over Carson Creek</b>		<b>126</b>	<b>126</b>	<b>20-Jun-18</b>	<b>31-Dec-18</b>	<b>183</b>													
CBR53-0400	Drill Shafts - Bridge 53 (NBML Over Carson Creek) - Sta. 586+00	24	24	20-Jun-18	25-Jul-18	4													
CBR53-0500	Construct Columns - Bridge 53 (NBML Over Carson Creek) - Sta. 586+	7	7	24-Jul-18	01-Aug-18	12													
CBR53-0600	Construct Caps - Bridge 53 (NBML Over Carson Creek) - Sta. 586+00	8	8	08-Aug-18	17-Aug-18	231													
CBR53-0550	Construct Abutments - Bridge 53 (NBML Over Carson Creek) - Sta. 586	15	15	10-Oct-18	01-Nov-18	183													
CBR53-0700	Erect Beams - Bridge 53 (NBML Over Carson Creek) - Sta. 586+00	5	5	02-Nov-18	08-Nov-18	183													
CBR53-0800	Construct Deck - Bridge 53 (NBML Over Carson Creek) - Sta. 586+00	18	18	09-Nov-18	06-Dec-18	183													
CBR53-0900	Construct Rail/Surf. Trt - Bridge 53 (NBML Over Carson Creek) - Sta. 5	15	15	07-Dec-18	31-Dec-18	183													
<b>54 SBML Over Carson Creek</b>		<b>253</b>	<b>253</b>	<b>27-Mar-18</b>	<b>18-Apr-19</b>	<b>41</b>													
CBR54a-0400	Drill Shafts - Bridge 54a (SBML Over Carson Creek) - Sta. 588+00 (E. S	16	16	27-Mar-18	19-Apr-18	129													
CBR54a-0500	Construct Columns - Bridge 54a (SBML Over Carson Creek) - Sta. 588	7	7	20-Apr-18	30-Apr-18	129													
CBR54a-0550	Construct Abutments - Bridge 54a (SBML Over Carson Creek) - Sta. 58	15	15	20-Apr-18	11-May-18	157													
CBR54a-0600	Construct Caps - Bridge 54a (SBML Over Carson Creek) - Sta. 588+0C	10	10	12-Jun-18	27-Jun-18	129													
CBR54a-0700	Erect Beams - Bridge 54a (SBML Over Carson Creek) - Sta. 588+00 (E	8	8	28-Jun-18	10-Jul-18	129													
CBR54a-0800	Construct Deck - Bridge 54a (SBML Over Carson Creek) - Sta. 588+0C	14	14	11-Jul-18	30-Jul-18	129													
CBR54a-0900	Construct Rail/Surf. Trt - Bridge 54a (SBML Over Carson Creek) - Sta.	15	15	31-Jul-18	22-Aug-18	129													
CBR54b-0400	Drill Shafts - Bridge 54b (SBML Over Carson Creek) - Sta. 588+00 (W.	6	6	06-Feb-19	13-Feb-19	41													
CBR54b-0500	Construct Columns - Bridge 54b (SBML Over Carson Creek) - Sta. 588	3	3	14-Feb-19	19-Feb-19	45													
CBR54b-0600	Construct Caps - Bridge 54b (SBML Over Carson Creek) - Sta. 588+0C	8	8	20-Feb-19	01-Mar-19	45													

■ Remaining Level of Effort   
 ■ Actual Work   
 ■ Critical Remaining Work  
■ Actual Level of Effort   
 ■ Remaining Work   
 ◆ Milestone







183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CTP2040	Construct Temp Pave SBGP to SBML Crossover - Sta 485+00 to 491+H	1	1	06-Nov-18	06-Nov-18	59												
<b>Signals and Illumination</b>		<b>559</b>	<b>438</b>	<b>17-Nov-16 A</b>	<b>29-Apr-19</b>	<b>109</b>												
<b>Roadway Illumination</b>		<b>559</b>	<b>438</b>	<b>17-Nov-16 A</b>	<b>29-Apr-19</b>	<b>109</b>												
CPI-4070	Construct Perm. Illumination - US 290 to Springdale/Manor Road	20	15	17-Nov-16 A	18-Jul-17	29												
CPI-4080	Construct Perm. Illumination - Springdale/Manor Road to Loyola Lane	20	18	17-Feb-17 A	21-Jul-17	14												
CPI-4090	Construct Perm. Illumination - Loyola Lane to MLK/FM969	20	20	24-Jul-17	21-Aug-17	14												
CPI-4100	Construct Perm. Illumination - MLK/FM969 to Boggy Creek	20	20	23-Aug-17	21-Sep-17	276												
CPI-4110	Construct Perm. Illumination - Boggy Creek to Colorado River	200	200	23-Aug-17	27-Jun-18	109												
CPI-4120	Construct Perm. Illumination - Colorado River to Patton	200	200	28-Jun-18	29-Apr-19	109												
<b>ITS/TCS</b>		<b>697</b>	<b>547</b>	<b>16-Nov-16 A</b>	<b>16-Oct-19</b>	<b>0</b>												
<b>Duct Bank System</b>		<b>362</b>	<b>169</b>	<b>16-Nov-16 A</b>	<b>09-Mar-18</b>	<b>188</b>												
CPI-4000	Construct Perm. ITS - US 290 to Springdale/Manor Road (including duc	60	28	16-Nov-16 A	04-Aug-17	176												
CPI-4010	Construct Perm. ITS - Springdale/Manor Road to Loyola Lane (including	60	49	31-Jan-17 A	07-Sep-17	35												
CPI-4040	Construct Perm. ITS - Boggy Creek to Colorado River (including ductba	60	59	08-May-17 A	27-Nov-17	197												
CPI-4020	Construct Perm. ITS - Loyola Lane to MLK/FM969 (including ductbank)	60	60	08-Sep-17	08-Dec-17	35												
CPI-4050	Construct Perm. ITS - Colorado River to Patton (including ductbank)	60	60	28-Nov-17	23-Feb-18	197												
CPI-4030	Construct Perm. ITS - MLK/FM969 to Boggy Creek (including ductbank)	60	60	11-Dec-17	09-Mar-18	35												
<b>Support Structures and Equipment</b>		<b>474</b>	<b>474</b>	<b>16-Oct-17</b>	<b>16-Oct-19</b>	<b>0</b>												
CTGSB-160	NBENMLK - Install Communications Laterals	5	5	16-Oct-17	23-Oct-17	166												
CTGSB-240	NBML307 - Install Electrical Conduit Runs 26G thru 26E	5	5	16-Oct-17	23-Oct-17	166												
CTGSB-220	NBML307 - Install Communications Laterals	5	5	16-Oct-17	23-Oct-17	166												
CTGSB-190	NBENMLK - Construct ILS Pad and Parking	10	10	16-Oct-17	30-Oct-17	161												
CTGSB-250	NBML307 - Construct ILS Pad and Parking	10	10	16-Oct-17	30-Oct-17	161												
CTGSB-610	71DC - Install Electrical Conduit Runs 75I, 75E and 75F	5	5	10-Nov-17	16-Nov-17	362												
CTGSB-620	71DC - Install Communications Laterals	5	5	10-Nov-17	16-Nov-17	362												
CTGSB-630	71DC - Construct ILS Pad and Parking	10	10	10-Nov-17	27-Nov-17	357												
CTGSB-280	SBML338 - Install Communications Laterals	5	5	14-Dec-17	21-Dec-17	127												
CTGSB-300	SBML338 - Construct ILS Pad and Parking	10	10	14-Dec-17	29-Dec-17	122												
CTGNB-0010	NBML307 - Construct Toll Gantry NB Mainlane (4 tolled) - North of MLK	25	25	11-Dec-17	17-Jan-18	95												
CTGNB-0040	NBENMLK - Construct Toll Gantry NB Ramp (1 tolled) from FR to Maink	25	25	11-Dec-17	17-Jan-18	95												
CTGSB-350	NBEXMLK - Install Electrical Conduit Runs 39A, 39B and 39D	5	5	12-Jan-18	18-Jan-18	109												
CTGSB-330	NBEXMLK - Install Communications Laterals	5	5	12-Jan-18	18-Jan-18	109												
CTGSB-360	NBEXMLK - Construct ILS Pad and Parking	10	10	12-Jan-18	25-Jan-18	104												
CTGSB-170	NBENMLK - Install Electrical Service No. 5	15	15	18-Jan-18	07-Feb-18	95												
CTGSB-230	NBML307 - Install Electrical Service No. 6	15	15	18-Jan-18	07-Feb-18	95												
CTGSB-0020	SBML338 - Construct Toll Gantry SB Mainlane (4 tolled) - North of MLK	25	25	12-Mar-18	18-Apr-18	35												
CTGNB-0070	NBEXMLK - Construct Toll Gantry NB Ramp (2 tolled) from Mainlanes tc	25	25	12-Mar-18	18-Apr-18	35												
CTGSB-290	SBML338 - Install Electrical Service No. 7	15	15	19-Apr-18	10-May-18	35												
CTGSB-340	NBEXMLK - Install Electrical Service No. 8a	15	15	19-Apr-18	10-May-18	35												
CTGSB-520	NBML3545 - Install Electrical Conduit Runs 75I, 75E and 75F	5	5	18-Jun-18	25-Jun-18	220												
CTGSB-500	NBML3545 - Install Communications Laterals	5	5	18-Jun-18	25-Jun-18	220												
CTGSB-530	NBML3545 - Construct ILS Pad and Parking	10	10	18-Jun-18	03-Jul-18	215												
CTGNB-100	71DC - Construct Toll Gantry NB Mainlanes (5 tolled) - South of Montop	25	25	30-May-18	09-Jul-18	197												
CTGNB-0100	NBML3545 - Construct Toll Gantry NB Mainlanes (5 tolled) - South of M	25	25	18-Jun-18	25-Jul-18	185												
CTGSB-640	71DC - Install Electrical Service No. 14	15	15	10-Jul-18	30-Jul-18	197												
CTGSB-510	NBML3545 - Install Electrical Service No. 14	15	15	26-Jul-18	16-Aug-18	185												
CTGSB-110	SBEX51 - Install Electrical Conduit Runs 23A thru 23I	5	5	04-Sep-18	10-Sep-18	-43												

Remaining Level of Effort   
 Actual Work   
 Critical Remaining Work  
 Actual Level of Effort   
 Remaining Work   
 Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
CTGSB-120	SBEX51 - Install Communications Laterals	5	5	04-Sep-18	10-Sep-18	-43												
CTGSB-410	NBEXTEC - Install Electrical Conduit Runs 56A and 56C	5	5	07-Sep-18	13-Sep-18	167												
CTGSB-390	NBEXTEC - Install Communications Laterals	5	5	07-Sep-18	13-Sep-18	167												
CTGSB-650	71DC - System Integrator Installation	30	30	31-Jul-18	13-Sep-18	197												
CTGSB-130	SBEX51 - Construct ILS Pad and Parking	10	10	04-Sep-18	17-Sep-18	-48												
CTGSB-420	NBEXTEC - Construct ILS Pad and Parking	10	10	07-Sep-18	21-Sep-18	162												
CTGSB-0050	SBEX51 - Construct Toll Gantry SB Ramp (1 tolled) from ML to FR - S. c	25	25	04-Sep-18	10-Oct-18	-78												
CTGNB-0090	NBEXTEC - Construct Toll Gantry NB Ramp (1 tolled) from Mainlanes to	25	25	07-Sep-18	15-Oct-18	132												
CTGSB-660	71DC - System Integrator Operational Testing	30	30	14-Sep-18	31-Oct-18	197												
CTGSB-100	SBEX51 - Install Electrical Service No. 5	15	15	11-Oct-18	02-Nov-18	-78												
CTGSB-400	NBEXTEC - Install Electrical Service No. 11	15	15	17-Oct-18	07-Nov-18	132												
CTGSB-310	SBML338 - System Integrator Installation	30	30	04-Oct-18	16-Nov-18	-58												
CTGSB-370	NBEXMLK - System Integrator Installation	30	30	06-Nov-18	19-Dec-18	-79												
CTGSB-200	NBENMLK - System Integrator Installation	30	30	07-Nov-18	20-Dec-18	-80												
CTGSB-260	NBML307 - System Integrator Installation	30	30	07-Nov-18	20-Dec-18	-80												
CTGSB-320	SBML338 - System Integrator Operational Testing	30	30	19-Nov-18	04-Jan-19	-58												
CTGSB-140	SBEX51 - System Integrator Installation	30	30	28-Nov-18	11-Jan-19	-93												
CTGSB-540	NBML3545 - System Integrator Installation	30	30	04-Dec-18	17-Jan-19	116												
CTGSB-430	NBEXTEC - System Integrator Installation	30	30	11-Dec-18	24-Jan-19	111												
CTGSB-380	NBEXMLK - System Integrator Operational Testing	30	30	20-Dec-18	04-Feb-19	-79												
CTGSB-210	NBENMLK - System Integrator Operational Testing	30	30	21-Dec-18	05-Feb-19	-80												
CTGSB-270	NBML307 - System Integrator Operational Testing	30	30	21-Dec-18	05-Feb-19	-80												
CTGSB-560	SBML3559 - Install Communications Laterals	5	5	14-Feb-19	21-Feb-19	62												
CTGSB-150	SBEX51 - System Integrator Operational Testing	30	30	14-Jan-19	25-Feb-19	-93												
CTGSB-580	SBML3559 - Construct ILS Pad and Parking	10	10	14-Feb-19	28-Feb-19	57												
CTGSB-550	NBML3545 - System Integrator Operational Testing	30	30	18-Jan-19	01-Mar-19	116												
CTGSB-440	NBEXTEC - System Integrator Operational Testing	30	30	25-Jan-19	11-Mar-19	111												
CTGSB-0100	SBML3559 - Construct Toll Gantry SB Mainlanes (5 tolled) - South of Mc	25	25	07-Feb-19	15-Mar-19	32												
CTGSB-570	SBML3559 - Install Electrical Service No. 15	15	15	18-Mar-19	08-Apr-19	32												
CTGOT-0050	Toll Operational Testing Deadline (Int. Completion less 30d per TP 5)	30	30	26-Feb-19	11-Apr-19	-93												
CTGSB-450	SBENTEC - Install Communications Laterals	5	5	05-Apr-19	12-Apr-19	29												
CTGSB-470	SBENTEC - Construct ILS Pad and Parking	10	10	05-Apr-19	19-Apr-19	24												
CTGSB-0090	SBENTEC - Construct Toll Gantry SB Ramp (2 tolled) from FR to Mainl	25	25	28-Mar-19	03-May-19	0												
CTGSB-590	SBML3559 - System Integrator Installation	30	30	10-Apr-19	24-May-19	32												
CTGSB-460	SBENTEC - Install Electrical Service No. 11	15	15	06-May-19	29-May-19	0												
CTGSB-600	SBML3559 - System Integrator Operational Testing	30	30	28-May-19	12-Jul-19	32												
CTGSB-480	SBENTEC - System Integrator Installation	30	30	30-May-19	16-Jul-19	0												
CTGSB-490	SBENTEC - System Integrator Operational Testing	30	30	17-Jul-19	29-Aug-19	0												
CTGOT-0090	Toll Operational Testing Deadline (Sub. Completion less 30d per TP 5)	30	30	30-Aug-19	16-Oct-19	0												
<b>Permanent Signing and Marking</b>		<b>470</b>	<b>470</b>	<b>24-Jul-17</b>	<b>17-Jul-19</b>	<b>14</b>												
<b>Small and Large Signs</b>		<b>470</b>	<b>470</b>	<b>24-Jul-17</b>	<b>17-Jul-19</b>	<b>14</b>												
CSI-0150	Construct / Install Signage - US 290 to Springdale/Manor Road	90	90	24-Jul-17	07-Dec-17	226												
CSI-0250	Construct / Install Signage - Springdale/Manor Road to Loyola Lane	90	90	23-Aug-17	09-Jan-18	14												
CSI-0350	Construct / Install Signage - Loyola Lane to MLK/FM969	90	90	10-Jan-18	24-May-18	14												
CSI-0400	Construct / Install Signage - MLK/FM969 to Boggy Creek	90	90	25-May-18	11-Oct-18	14												
CSI-0500	Construct / Install Signage - Boggy Creek to Colorado River	90	90	12-Oct-18	26-Feb-19	14												
CSI-0600	Construct / Install Signage - Colorado River to Patton	90	90	27-Feb-19	17-Jul-19	14												



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>SH-71</b>		<b>757</b>	<b>539</b>	<b>08-Aug-16 A</b>	<b>03-Oct-19</b>	<b>8</b>												
<b>Removals</b>		<b>687</b>	<b>10</b>	<b>08-Aug-16 A</b>	<b>15-Jan-18</b>	<b>397</b>												
<b>ROW Preparation</b>		<b>687</b>	<b>0</b>	<b>08-Aug-16 A</b>	<b>12-Aug-16 A</b>													
CCG2910	Clear/Grub/Removals - SH 71 EB - Sta. 93+00 to 109+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2490	Clear/Grub/Removals - SH 71 WB - Widen Inside to S. - Sta. 124+00 to	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2480	Clear/Grub/Removals - SH 71 WB - Widen Inside to S. - Sta. 128+00 to	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2680	Clear/Grub/Removals - SH 71 WB to US 183 SB Loop Ramp - Sta. 100-	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2500	Clear/Grub/Removals - SH 71 WB to SH 71 EB Turnaround - Sta. 133+H	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2730	Clear/Grub/Removals - SH 71 EB to US 183 NB Loop Ramp Tie-In	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2520	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector - Sta. 18+0C	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2580	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector Tie-In - Sta.	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2590	Clear/Grub/Removals - US 183 SB to SH 71 EB Connector Tie-In - Sta.	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2700	Clear/Grub/Removals - EB-NB and SB-WB DC Approach - Sta. 55+00 t	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8540	Clear/Grub/Removals - SH 71 WB - Sta. 114+00 to 117+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8550	Clear/Grub/Removals - SH 71 WB - Sta. 121+00 to 124+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG0485	Clear/Grub/Removals - SH 71 WB Plug - Sta. 127+00 to 128+00	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8640	Clear/Grub/Removals - SH 71 WB Inside - Sta. 132+60 to 145+50	1	0	08-Aug-16 A	09-Aug-16 A													
CCG8660	Clear/Grub/Removals - SH 71 EB - Sta. 131+00 to 149+00 Inside	1	0	08-Aug-16 A	09-Aug-16 A													
CCG2560	Clear/Grub/Removals - SH 71 EB - Widen Outside to S. - Sta. 128+50 tr	2	0	08-Aug-16 A	10-Aug-16 A													
CCG2620	Clear/Grub/Removals - US 183 NB - Sta. 593+00 to 599+00 Inside	1	0	08-Aug-16 A	10-Aug-16 A													
CCG2510	Clear/Grub/Removals - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+	1	0	08-Aug-16 A	10-Aug-16 A													
CCG2780	Clear/Grub/Removals - US 183 SB - Sta. 590+00 to 628+00 Inside	2	0	08-Aug-16 A	10-Aug-16 A													
CCG3600	Clear/Grub/Removals - SH 71 EB - Sta. 135+00 to 148+00 (Middle)	1	0	08-Aug-16 A	10-Aug-16 A													
CCG4200	Clear/Grub/Removals - SH 71 EBFR Sta. 20+00 to 28+00 Outside	2	0	08-Aug-16 A	10-Aug-16 A													
CCG3900	Clear/Grub/Removals - SH 71 WB - Sta. 98+50 to 102+50 Outside	2	0	08-Aug-16 A	10-Aug-16 A													
CCG4000	Clear/Grub/Removals - US 183 NB - Sta. 593+00 to 599+00 Outside	2	0	08-Aug-16 A	10-Aug-16 A													
CCG2740	Clear/Grub/Removals - US 183 SB - Sta. 590+00 to 620+00 Outside	4	0	08-Aug-16 A	11-Aug-16 A													
CCG2930	Clear/Grub/Removals - US 183 NB to SH 71 EB Ramp - Replace	2	0	08-Aug-16 A	11-Aug-16 A													
CCG4100	Clear/Grub/Removals - EB-NB and SB-WB DC Approach - Sta. 20+00 t	2	0	08-Aug-16 A	11-Aug-16 A													
CCG2920	Clear/Grub/Removals - SH 71 EB - Sta. 127+00 to 130+50 (Plug)	4	0	08-Aug-16 A	12-Aug-16 A													
CCG2790	Clear/Grub/Removals - SH 71 EB - Sta. 105+00 to 116+00	2	0	08-Aug-16 A	12-Aug-16 A													
CCG2630	Clear/Grub/Removals - SH 71 EB - Sta. 120+00 to 128+50	2	0	08-Aug-16 A	12-Aug-16 A													
CCG2890	Clear/Grub/Removals - SH 71 WB to US 183 NB Connector Tie-In - Sta	3	0	08-Aug-16 A	12-Aug-16 A													
CCG2660	Clear/Grub/Removals - SH 71 WB - Sta. 96+00 to 105+00	2	0	08-Aug-16 A	12-Aug-16 A													
CCG2900	Clear/Grub/Removals - SH 71 WB - Sta. 132+00 to 145+00 Middle	4	0	08-Aug-16 A	12-Aug-16 A													
CCG8570	Clear/Grub/Removals - SH 71 WB - Sta. 132+00 to 145+50 Outside (Inc	4	0	08-Aug-16 A	12-Aug-16 A													
CCG4400	Clear/Grub/Removals - SH 71 EB - Sta. 128+00 to 148+00 Outside	4	0	08-Aug-16 A	12-Aug-16 A													
CCG4500	Clear/Grub/Removals - SH 71 EBFR - Sta. 20+00 to 32+00	4	0	08-Aug-16 A	12-Aug-16 A													
<b>Bridge Removals</b>		<b>10</b>	<b>10</b>	<b>02-Jan-18</b>	<b>15-Jan-18</b>	<b>39</b>												
CDM0555	Demo - Existing Structure SB US 183 to EB SH 71	10	10	02-Jan-18	15-Jan-18	39												
<b>Earthwork</b>		<b>514</b>	<b>514</b>	<b>04-Apr-17 A</b>	<b>04-Sep-19</b>	<b>14</b>												
<b>Excavation</b>		<b>514</b>	<b>514</b>	<b>04-Apr-17 A</b>	<b>04-Sep-19</b>	<b>14</b>												
CEW2490	Earthwork - SH 71 WB - Widen Inside to S. - Sta. 124+00 to 127+00	5	5	06-Jul-17	12-Jul-17	160												
CEW2630	Earthwork - SH 71 EB - Sta. 120+00 to 128+50	35	30	04-Apr-17 A	06-Sep-17	80												
CEW2480	Earthwork - SH 71 WB - Widen Inside to S. - Sta. 128+00 to 132+50	5	5	15-Jun-17 A	15-Sep-17	92												
CEW2510	Earthwork - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+00 to 17+50	3	3	18-Sep-17	21-Sep-17	92												
CEW2730	Earthwork - SH 71 EB to US 183 NB Loop Ramp Tie-In	5	5	22-Sep-17	28-Sep-17	92												



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020											
							Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2		Q3		Q4		Q1		Q2					
CCB4000	Construct CTB - US 183 NB - Sta. 593+00 to 599+00 Outside	3	3	28-Mar-18	30-Mar-18	310																												
CCB2890	Construct CTB - SH 71 WB to US 183 NB Connector Tie-In - Sta 23+00	3	3	24-Apr-18	26-Apr-18	338																												
CCB8540	Construct CTB - SH 71 WB - Sta 114+00 to 117+00	3	3	07-May-18	10-May-18	274																												
CCB8730	Construct CTB - SH 71 WB - Sta 102+00 to 106+00	3	3	13-Jun-18	15-Jun-18	251																												
CCB2680	Construct CTB - SH 71 WB to US 183 SB Loop Ramp - Sta. 100+00 to	3	3	28-Jun-18	02-Jul-18	237																												
CCB2900	Construct CTB - SH 71 WB - Sta. 132+00 to 145+00 Middle	3	3	19-Jul-18	23-Jul-18	228																												
CCB2780	Construct CTB - US 183 SB - Sta. 590+00 to 628+00 Inside	7	7	05-Sep-18	13-Sep-18	177																												
CCB8570	Construct CTB - SH 71 WB - Sta 132+00 to 145+50 Outside (Incl. Plug	3	3	12-Nov-18	14-Nov-18	206																												
CCB2740	Construct CTB - US 183 SB - Sta. 590+00 to 620+00 Outside	7	7	14-Nov-18	26-Nov-18	177																												
CCB2790	Construct CTB - SH 71 EB - Sta 105+00 to 116+00	3	3	28-Nov-18	30-Nov-18	170																												
CCB8720	Construct CTB - US 183 SB - Sta. 620+00 to 628+00 Outside	2	2	03-Jan-19	04-Jan-19	177																												
CCB4100	Construct CTB - EB-NB and SB-WB DC Approach - Sta 20+00 to 30+00	3	3	17-Jan-19	21-Jan-19	163																												
CCB3600	Construct CTB - SH 71 EB - Sta 135+00 to 148+00 (Middle)	3	3	05-Aug-19	08-Aug-19	8																												
CCB2580	Construct CTB - US 183 SB to SH 71 EB Connector Tie-In - Sta. 11+00	3	3	09-Aug-19	13-Aug-19	32																												
CCB4400	Construct CTB - SH 71 EB - Sta 128+00 to 148+00 Outside	3	3	03-Sep-19	05-Sep-19	17																												
CCB2930	Construct CTB - US 183 NB to SH 71 EB Ramp - Replace	6	6	10-Sep-19	18-Sep-19	8																												
<b>Flexible Base</b>		<b>468</b>	<b>468</b>	<b>18-Sep-17</b>	<b>09-Sep-19</b>	<b>14</b>																												
CSE2480	Construct Select - SH 71 WB - Widen Inside to S. - Sta. 128+00 to 132+	3	3	18-Sep-17	21-Sep-17	116																												
CSE2510	Construct Select - US 183 NB to SH 71 WB Ramp Loop - Sta. 14+00 to	2	2	02-Oct-17	04-Oct-17	108																												
CSE2730	Construct Select - SH 71 EB to US 183 NB Loop Ramp Tie-In	2	2	02-Oct-17	04-Oct-17	404																												
CSE2490	Construct Select - SH 71 WB - Widen Inside to S. - Sta. 124+00 to 127+	3	3	02-Oct-17	05-Oct-17	107																												
CSE2630	Construct Select - SH 71 EB - Sta. 120+00 to 128+50	3	3	02-Oct-17	05-Oct-17	64																												
CSE8640	Construct Select - SH 71 WB Inside - Sta. 132+60 to 145+50	3	3	25-Oct-17	27-Oct-17	92																												
CSE2590	Construct Select - US 183 SB to SH 71 EB Connector Tie-In - Sta. 28+0	2	2	15-Nov-17	16-Nov-17	54																												
CSE2520	Construct Select - Temp Pave US 183 SB to SH 71 EB Connector - Sta.	2	2	16-Nov-17	17-Nov-17	58																												
CSE8660	Construct Select - SH 71 EB - Sta. 131+00 to 149+00 Inside	3	3	07-Dec-17	11-Dec-17	39																												
CSE2660	Construct Select - SH 71 WB - Sta. 96+00 to 105+00	2	2	15-Dec-17	18-Dec-17	59																												
CSE8560	Construct Select - Temp Pave US 183 NB - Sta. 593+00 to 599+00 Out	2	2	11-Jan-18	12-Jan-18	283																												
CSE3800	Construct Select - Temp Widening EB to NB - Sta. 19+00 to 27+00	2	2	12-Jan-18	15-Jan-18	284																												
CSE0485	Construct Select - SH 71 WB Plug - Sta. 127+00 to 128+00	2	2	18-Jan-18	19-Jan-18	398																												
CSE2910	Construct Select - SH 71 EB - Sta. 93+00 to 109+00	4	4	26-Jan-18	31-Jan-18	159																												
CSE2560	Construct Select - SH 71 EB - Widen Outside to S. - Sta. 128+50 to 135	3	3	30-Jan-18	01-Feb-18	357																												
CSE8550	Construct Select - SH 71 WB - Sta. 121+00 to 124+00	2	2	21-Feb-18	22-Feb-18	321																												
CSE2700	Construct Select - EB-NB and SB-WB DC Approach - Sta. 55+00 to 64+	2	2	23-Feb-18	26-Feb-18	283																												
CSE2620	Construct Select - US 183 NB - Sta. 593+00 to 599+00 Inside	3	3	23-Feb-18	27-Feb-18	310																												
CSE4000	Construct Select - US 183 NB - Sta. 593+00 to 599+00 Outside	2	2	26-Mar-18	27-Mar-18	310																												
CSE2890	Construct Select - SH 71 WB to US 183 NB Connector Tie-In - Sta. 23+	2	2	20-Apr-18	23-Apr-18	338																												
CSE8540	Construct Select - SH 71 WB - Sta. 114+00 to 117+00	2	2	03-May-18	04-May-18	274																												
CSE8730	Construct Select - SH 71 WB - Sta. 102+00 to 106+00	2	2	11-Jun-18	12-Jun-18	251																												
CSE2680	Construct Select - SH 71 WB to US 183 SB Loop Ramp - Sta. 100+00 to	2	2	25-Jun-18	27-Jun-18	237																												
CSE2900	Construct Select - SH 71 WB - Sta. 132+00 to 145+00 Middle	3	3	16-Jul-18	18-Jul-18	228																												
CSE4300	Construct Select - Temp Pave US 183 SB - Sta. 590+00 to 621+00 Out	3	3	27-Jul-18	31-Jul-18	177																												
CSE2780	Construct Select - US 183 SB - Sta. 590+00 to 628+00 Inside	5	5	28-Aug-18	04-Sep-18	177																												
CSE8570	Construct Select - SH 71 WB - Sta. 132+00 to 145+50 Outside (Incl. Plu	2	2	08-Nov-18	09-Nov-18	206																												
CSE2740	Construct Select - US 183 SB - Sta. 590+00 to 620+00 Outside	5	5	07-Nov-18	13-Nov-18	177																												
CSE2790	Construct Select - SH 71 EB - Sta. 105+00 to 116+00	3	3	21-Nov-18	27-Nov-18	170																												
CSE8720	Construct Select - US 183 SB - Sta. 620+00 to 628+00 Outside	3	3	28-Dec-18	02-Jan-19	177																												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone









183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					2018										2020		
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020		
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
CBR46-0500	Construct Columns - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 25+00	15	15	23-Aug-17	13-Sep-17	61													
CBR46-0600	Construct Caps - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 25+00	10	10	14-Sep-17	28-Sep-17	61													
CBR46-0700	Erect Beams - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 28+00	3	3	29-Sep-17	04-Oct-17	61													
CBR46-0800	Construct Deck - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 25+00	14	14	05-Oct-17	25-Oct-17	61													
CBR46-0900	Construct Rail/Surf. Trt - Bridge 46 (US 183 SB to SH 71 EB) - Sta. 25+00 to 25+00	15	15	26-Oct-17	16-Nov-17	61													
<b>49 SH 71 WB Over Detention</b>		<b>160</b>	<b>160</b>	<b>21-Feb-18</b>	<b>25-Oct-18</b>	<b>170</b>													
CBR49-0400	Drill Shafts - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	18	18	21-Feb-18	19-Mar-18	85													
CBR49-0500	Construct Columns - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	25	25	28-Feb-18	06-Apr-18	85													
CBR49-0550	Construct Abutments - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	15	15	21-Mar-18	11-Apr-18	99													
CBR49-0600	Construct Caps - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	32	32	15-Mar-18	02-May-18	85													
CBR49-0700	Erect Beams - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	11	11	10-Jul-18	24-Jul-18	44													
CBR49-0800	Construct Deck - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	46	46	25-Jul-18	03-Oct-18	170													
CBR49-0900	Construct Rail/Surf. Trt - Bridge 49 (SH 71 WB Over Detention) - Sta. 108+00 to 114+00	15	15	04-Oct-18	25-Oct-18	170													
<b>48 SH 71 WB Over US 183</b>		<b>77</b>	<b>77</b>	<b>23-Mar-18</b>	<b>20-Jul-18</b>	<b>177</b>													
CBR48-0400	Drill Shafts - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	18	18	23-Mar-18	19-Apr-18	177													
CBR48-0500	Construct Columns - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	25	25	30-Mar-18	07-May-18	177													
CBR48-0550	Construct Abutments - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	15	15	20-Apr-18	11-May-18	182													
CBR48-0600	Construct Caps - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	8	8	09-May-18	18-May-18	177													
CBR48-0700	Erect Beams - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	5	5	21-May-18	29-May-18	177													
CBR48-0800	Construct Deck - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	19	19	30-May-18	28-Jun-18	177													
CBR48-0900	Construct Rail/Surf. Trt - Bridge 48 (SH 71 WB Over US 183) - Sta. 117+00 to 120+00	15	15	29-Jun-18	20-Jul-18	177													
<b>47 SH 71 EB Over US 183</b>		<b>114</b>	<b>74</b>	<b>04-Apr-17 A</b>	<b>16-Oct-17</b>	<b>107</b>													
CBR47-0400	Drill Shafts - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	21	0	04-Apr-17 A	01-Jun-17 A	107													
CBR47-0550	Construct Abutments - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	15	15	16-Jun-17 A	18-Jul-17	90													
CBR47-0500	Construct Columns - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	25	25	26-Jun-17	01-Aug-17	70													
CBR47-0600	Construct Caps - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	10	10	02-Aug-17	16-Aug-17	70													
CBR47-0700	Erect Beams - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	5	5	17-Aug-17	24-Aug-17	70													
CBR47-0800	Construct Deck - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	19	19	25-Aug-17	22-Sep-17	70													
CBR47-0900	Construct Rail/Surf. Trt - Bridge 47 (SH 71 EB Over US 183) - Sta. 117+00 to 120+00	15	15	25-Sep-17	16-Oct-17	107													
<b>56 US 183 / SH 71 Combined DC</b>		<b>527</b>	<b>479</b>	<b>13-Apr-17 A</b>	<b>16-Jul-19</b>	<b>55</b>													
CBR56a-0440	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Spans 1:1 to 1:1)	11	0	13-Apr-17 A	20-Apr-17 A	55													
CBR56a-0430	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Spans 1:1 to 1:1)	16	0	13-Apr-17 A	26-Apr-17 A	55													
CBR56a-0420	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Spans 1:1 to 1:1)	13	0	27-Apr-17 A	02-May-17 A	55													
CBR56a-0410	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spans 9:9 to 9:9)	13	0	03-May-17 A	09-May-17 A	55													
CBR56a-0400	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spans 6:6 to 6:6)	13	13	11-May-17 A	10-Aug-17	81													
CBR56a-0540	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	28	28	10-Jul-17	17-Aug-17	8													
CBR56a-0550	Construct Abutments - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	15	15	18-Aug-17	11-Sep-17	220													
CBR56a-0640	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	30	30	18-Aug-17	04-Oct-17	167													
CBR56a-0740	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	8	8	05-Oct-17	16-Oct-17	205													
CBR56a-0530	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Span 1:1 to 1:1)	58	58	18-Aug-17	15-Nov-17	8													
CBR56a-0840	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	29	29	18-Oct-17	30-Nov-17	205													
CBR56a-0940	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit 7 (Span 1:1 to 1:1)	15	15	01-Dec-17	22-Dec-17	364													
CBR56a-0630	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Span 1:1 to 1:1)	40	40	16-Nov-17	17-Jan-18	139													
CBR56a-0520	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Span 1:1 to 1:1)	64	64	16-Nov-17	21-Feb-18	8													
CBR56b-0450	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spans 1:1 to 1:1)	10	10	08-Mar-18	22-Mar-18	149													
CBR56b-0570	Construct Abutments - Bridge 56 (US 183/SH 71 Combined DC) - Span 1 (Spans 1:1 to 1:1)	15	15	23-Mar-18	13-Apr-18	226													
CBR56a-0620	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Span 1:1 to 1:1)	35	35	22-Feb-18	16-Apr-18	115													

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis		183S - Master Schedule					15-Aug-17 09:52												
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020		
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
CBR56b-0460	Drill Shafts - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spans 3-	18	18	23-Mar-18	19-Apr-18	176													
CBR56a-0510	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (	90	90	22-Feb-18	12-Jul-18	8													
CBR56a-0720	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Spans	8	8	25-Jul-18	03-Aug-18	73													
CBR56a-0730	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Spans	8	8	25-Jul-18	03-Aug-18	44													
CBR56a-0610	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spa	35	35	13-Jul-18	04-Sep-18	60													
CBR56a-0710	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spans	8	8	05-Sep-18	14-Sep-18	75													
CBR56a-0830	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 6 (Spa	29	29	06-Aug-18	19-Sep-18	44													
CBR56a-0930	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	20-Sep-18	11-Oct-18	189													
CBR56a-0500	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (	90	90	12-Jun-18	26-Oct-18	8													
CBR56a-0820	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 5 (Spa	29	29	20-Sep-18	02-Nov-18	44													
CBR56a-0920	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	05-Nov-18	27-Nov-18	175													
CBR56a-0810	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 4 (Spa	29	29	05-Nov-18	17-Dec-18	44													
CBR56a-0600	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spa	35	35	29-Oct-18	19-Dec-18	25													
CBR56a-0700	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spans	8	8	20-Dec-18	03-Jan-19	34													
CBR56b-0550	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (	45	45	29-Oct-18	07-Jan-19	8													
CBR56a-0910	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	18-Dec-18	10-Jan-19	161													
CBR56b-0650	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spa	25	25	08-Jan-19	11-Feb-19	15													
CBR56a-0800	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 3 (Spa	29	29	04-Jan-19	13-Feb-19	34													
CBR56b-0750	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spans	6	6	12-Feb-19	20-Feb-19	30													
CBR56b-0560	Construct Columns - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (	32	32	08-Jan-19	21-Feb-19	8													
CBR56a-0900	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	14-Feb-19	08-Mar-19	137													
CBR56b-0850	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 1 (Spa	19	19	21-Feb-19	21-Mar-19	30													
CBR56b-0950	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	22-Mar-19	12-Apr-19	30													
CBR56b-0660	Construct Caps - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spa	40	40	22-Feb-19	24-Apr-19	8													
CBR56b-0760	Erect Beams - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spans	8	8	25-Apr-19	06-May-19	8													
CBR56b-0860	Construct Deck - Bridge 56 (US 183/SH 71 Combined DC) - Unit 2 (Spa	29	29	08-May-19	21-Jun-19	8													
CBR56b-0960	Construct Rail/Surf. Trt - Bridge 56 (US 183/SH 71 Combined DC) - Unit	15	15	24-Jun-19	16-Jul-19	8													
<b>Drainage</b>		<b>389</b>	<b>349</b>	<b>15-May-17 A</b>	<b>11-Jan-19</b>	<b>163</b>													
<b>Storm Sewer</b>		<b>389</b>	<b>349</b>	<b>15-May-17 A</b>	<b>11-Jan-19</b>	<b>163</b>													
CDR-2640	Construct Drainage - WNDC - Sta. 590+00 to 597+00 (CA3-O)	9	1	15-May-17 A	24-Jul-17	241													
CDR-2540	Construct Drainage - SB - Sta 598+79 (CA3-E) Xing	4	4	07-Aug-17	11-Aug-17	64													
CDR-2550	Construct Drainage - SB - Sta 598+80 to 601+50 (CA3-E)	3	3	14-Aug-17	16-Aug-17	64													
CDR-0420	Construct Drainage - CA3-2 Pond - Sta. 605+00 to 605+00, SH71 Infill	6	6	17-Aug-17	25-Aug-17	64													
CDR-2560	Construct Drainage - NBML - Sta. 607+79 to 608+36 (CA3-G) Pond	3	3	28-Aug-17	30-Aug-17	437													
CDR-2570	Construct Drainage - SBML - Sta. 608+20 to 608+62 (CA3-G)	2	2	31-Aug-17	01-Sep-17	437													
CDR-0430	Construct Drainage - CA3-3 Pond - Sta. 607+00 to 607+00, SH71 Infill	7	7	28-Aug-17	06-Sep-17	92													
CDR-2610	Construct Drainage - WB - Sta. 130+06 to 130+15 (CA3-K)	2	2	07-Sep-17	08-Sep-17	92													
CDR-2600	Construct Drainage - WNDC - Sta. 14+66 to 15+92 (CA3-J)	3	3	11-Sep-17	13-Sep-17	98													
CDR-2690	Construct Drainage - WNDC - Sta. 16+18 to 16+65 (CA3-T)	2	2	14-Sep-17	15-Sep-17	98													
CDR-2720	Construct Drainage - WB - Sta. 43+00 (CA3-Z)	2	2	18-Sep-17	20-Sep-17	98													
CDR-2580	Construct Drainage - EB - Sta. 18+00 to 22+00 (CA3-H)	6	6	22-Sep-17	29-Sep-17	108													
CDR-2590	Construct Drainage - EB - Sta. 125+00 to 128+00 (CA3-I)	23	23	28-Aug-17	29-Sep-17	64													
CDR-2650	Construct Drainage - WB - Sta. 100+00 to 108+00 (CA3-P)	16	16	08-Dec-17	03-Jan-18	152													
CDR-2660	Construct Drainage - EB - Sta. 108+00 to 112+00 (CA3-R)	6	6	04-Jan-18	11-Jan-18	362													
CDR-2670	Construct Drainage - DC - Sta. 21+73 to 24+34 (CA3-S)	13	13	09-Jan-18	25-Jan-18	149													
CDR-2620	Construct Drainage - NBML - Sta. 596+00 to 598+00 (CA3-L)	8	8	12-Feb-18	22-Feb-18	283													
CDR-0440	Construct Drainage - Carson Creek Arch North SH 71	40	40	06-Feb-18	06-Apr-18	39													

█ Remaining Level of Effort   
█ Actual Work   
█ Critical Remaining Work  
█ Actual Level of Effort   
█ Remaining Work   
◆ Milestone





Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CEW0125	Earthwork - Temp Pave SH 71 EB - Sta. 111+00 to 117+00	6	6	10-Nov-17	17-Nov-17	39												
CEW8710	Earthwork - Temp Pave SH 71 EB - Sta. 137+00 to 153+00	2	2	20-Nov-17	21-Nov-17	39												
CSE0125	Construct Select - Temp Pave SH 71 EB - Sta. 111+00 to 117+00	3	3	20-Nov-17	22-Nov-17	78												
CSE8710	Construct Select - Temp Pave SH 71 EB - Sta. 137+00 to 153+00	2	2	22-Nov-17	27-Nov-17	39												
CTP8710	Construct Temp Pave SH 71 EB - Sta 137+00 to 153+00	2	2	28-Nov-17	29-Nov-17	39												
CTP0125	Construct Temp Pave SH 71 EB - Sta 111+00 to 117+00	2	2	30-Nov-17	01-Dec-17	77												
CEW2985	Earthwork - Temp Pave SH 71 WB to WB FR X-over - Sta. 98+50 to 10	3	3	15-Dec-17	20-Dec-17	63												
CSE2985	Construct Select - Temp Pave SH 71 WB to WB FR X-over - Sta. 98+50	1	1	21-Dec-17	21-Dec-17	63												
CTP2985	Construct Temp Pave SH 71 WB to WB FR X-over - Sta 98+50 to 102+	1	1	22-Dec-17	22-Dec-17	63												
CEW8560	Earthwork - Temp Pave US 183 NB - Sta. 593+00 to 599+00 Outside	5	5	04-Jan-18	10-Jan-18	283												
CEW3800	Earthwork - Temp Widening EB to NB - Sta. 19+00 to 27+00	1	1	11-Jan-18	11-Jan-18	284												
CTP3800	Construct Temp Widening EB to NB - Sta 19+00 to 27+00	1	1	16-Jan-18	16-Jan-18	284												
CTP8560	Construct Temp Pave US 183 NB - Sta 593+00 to 599+00 Outside	3	3	15-Jan-18	17-Jan-18	283												
CEW2600	Earthwork - Temp Pave SH 71 WB to SH 71 EB X-over - Sta. 120+00 to	6	6	16-Jan-18	23-Jan-18	39												
CSE2600	Construct Select - Temp Pave SH 71 WB to SH 71 EB X-over - Sta. 120	2	2	24-Jan-18	25-Jan-18	39												
CTP2600	Construct Temp Pave SH 71 WB to SH 71 EB X-over - Sta 120+00 to 1	2	2	26-Jan-18	29-Jan-18	39												
CEW2610	Earthwork - Temp Pave SH 71 WB to EB X-over & EB Widen - Sta. 104	3	3	06-Feb-18	08-Feb-18	157												
CSE2610	Construct Select - Temp Pave SH 71 WB to EB X-over & EB Widen - St	2	2	09-Feb-18	12-Feb-18	157												
CTP2610	Construct Temp Pave SH 71 WB to EB X-over & EB Widen - Sta 104+0	2	2	13-Feb-18	14-Feb-18	157												
CEW4300	Earthwork - Temp Pave US 183 SB - Sta. 590+00 to 621+00 Outside	4	4	23-Jul-18	26-Jul-18	177												
CTP4300	Construct Temp Pave US 183 SB - Sta 590+00 to 621+00 Outside	1	1	01-Aug-18	01-Aug-18	177												
<b>Signals and Illumination</b>		<b>480</b>	<b>118</b>	<b>01-Apr-17 A</b>	<b>19-Jan-18</b>	<b>411</b>												
<b>Roadway Illumination</b>		<b>480</b>	<b>118</b>	<b>01-Apr-17 A</b>	<b>19-Jan-18</b>	<b>411</b>												
CPI-4130	Construct Perm. Illumination - SH 71 (West)	100	100	24-Jul-17	22-Dec-17	429												
CTI-4060	Construct Temp Illum. - SH 71 (West)	10	10	20-Dec-17	04-Jan-18	46												
CTI-4080	Construct Temp Illum. - SH 71 (East)	10	10	05-Jan-18	18-Jan-18	46												
CPI-4140	Construct Perm. Illumination - SH 71 (East)	100	95	01-Apr-17 A	19-Jan-18	411												
<b>ITS/TCS</b>		<b>60</b>	<b>60</b>	<b>26-Feb-18</b>	<b>29-May-18</b>	<b>197</b>												
<b>Duct Bank System</b>		<b>60</b>	<b>60</b>	<b>26-Feb-18</b>	<b>29-May-18</b>	<b>197</b>												
CPI-4060	Construct Perm. ITS - SH 71 (West) (including ductbank)	30	30	26-Feb-18	11-Apr-18	197												
CPI-4150	Construct Perm. ITS - SH 71 (East) (including ductbank)	30	30	12-Apr-18	29-May-18	197												
<b>Permanent Signing and Marking</b>		<b>45</b>	<b>45</b>	<b>18-Jul-19</b>	<b>24-Sep-19</b>	<b>14</b>												
<b>Small and Large Signs</b>		<b>45</b>	<b>45</b>	<b>18-Jul-19</b>	<b>24-Sep-19</b>	<b>14</b>												
CSI-0700	Construct / Install Signage - SH 71 (West)	45	45	18-Jul-19	24-Sep-19	14												
CSI-0710	Construct / Install Signage - SH 71 (East)	45	45	18-Jul-19	24-Sep-19	14												
<b>Patton Avenue</b>		<b>280</b>	<b>280</b>	<b>10-Jan-18</b>	<b>13-Mar-19</b>	<b>134</b>												
<b>Retaining Walls</b>		<b>22</b>	<b>22</b>	<b>14-Aug-18</b>	<b>14-Sep-18</b>	<b>60</b>												
<b>Wall 224</b>		<b>12</b>	<b>12</b>	<b>29-Aug-18</b>	<b>14-Sep-18</b>	<b>60</b>												
CWL224-050	Construct Wall 224 (MSE), Sta. 4579+10 to 4579+10, RT/LT (Fill) (Incl. I	10	10	29-Aug-18	12-Sep-18	60												
CWL224-090	Construct Wall Coping 224 (MSE), Sta. 4579+10 to 4579+10, RT/LT	2	2	13-Sep-18	14-Sep-18	60												
<b>Wall 227</b>		<b>12</b>	<b>12</b>	<b>14-Aug-18</b>	<b>30-Aug-18</b>	<b>70</b>												
CWL227-050	Construct Wall 227 (MSE), Sta. 1585+31 to 1585+31, RT/LT (Fill)	10	10	14-Aug-18	28-Aug-18	48												
CWL227-090	Construct Wall Coping 227 (MSE), Sta. 1585+31 to 1585+31, RT/LT	2	2	29-Aug-18	30-Aug-18	70												
<b>Bridges</b>		<b>280</b>	<b>280</b>	<b>10-Jan-18</b>	<b>13-Mar-19</b>	<b>134</b>												
<b>43 Patton Avenue Over SBML</b>		<b>216</b>	<b>216</b>	<b>10-Jan-18</b>	<b>06-Dec-18</b>	<b>60</b>												
CBR43-0400	Drill Shafts - Bridge 43 (Patton Over SBML) - Sta. 580+00	12	12	10-Jan-18	25-Jan-18	177												
CBR43-0550	Construct Abutments - Bridge 43 (Patton Over SBML) - Sta. 580+00	20	20	17-Sep-18	17-Oct-18	62												
CBR43-0700	Erect Beams - Bridge 43 (Patton Over SBML) - Sta. 580+00	2	2	22-Oct-18	23-Oct-18	60												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR43-0800	Construct Deck - Bridge 43 (Patton Over SBML) - Sta. 580+00	14	14	24-Oct-18	13-Nov-18	60												
CBR43-0900	Construct Rail/Surf. Trt - Bridge 43 (Patton Over SBML) - Sta. 580+00	15	15	14-Nov-18	06-Dec-18	60												
<b>42 Patton Avenue Over NBML</b>		151	151	26-Jul-18	13-Mar-19	134												
CBR42-0400	Drill Shafts - Bridge 42 (NBML Over Patton) - Sta. 580+00	12	12	26-Jul-18	13-Aug-18	4												
CBR42-0550	Construct Abutments - Bridge 42 (Patton Over NBML) - Sta. 580+00	20	20	17-Sep-18	17-Oct-18	60												
CBR42-0700	Erect Beams - Bridge 42 (Patton Over NBML) - Sta. 580+00	2	2	18-Oct-18	19-Oct-18	60												
CBR42-0800	Construct Deck - Bridge 42 (Patton Over NBML) - Sta. 580+00	14	14	30-Jan-19	19-Feb-19	134												
CBR42-0900	Construct Rail/Surf. Trt - Bridge 42 (Patton Over NBML) - Sta. 580+00	15	15	20-Feb-19	13-Mar-19	134												
<b>Airport Blvd. / 7th Street</b>		644	431	03-Aug-16 A	17-Apr-19	77												
<b>Removals</b>		580	130	03-Aug-16 A	11-Jan-18	250												
<b>ROW Preparation</b>		580	0	03-Aug-16 A	23-Aug-16 A													
CCG1730	Clear/Grub/Removals - Levander Loop /NBGP Widen - Sta. 482+00 to 4	1	0	03-Aug-16 A	04-Aug-16 A													
CCG1470	Clear/Grub/Removals - SBGP/Levander Loop Tie-In - Sta. 476+00 to 49	4	0	03-Aug-16 A	10-Aug-16 A													
CCG2020	Clear/Grub/Removals - NBGP to Airport Blvd - Sta. 10+20 to 15+00	1	0	22-Aug-16 A	23-Aug-16 A													
CCG1520	Clear/Grub/Removals - 5th St Tie-In	1	0	22-Aug-16 A	23-Aug-16 A													
CCG1510	Clear/Grub/Removals - 7th St Tie-In	1	0	22-Aug-16 A	23-Aug-16 A													
CCG8610	Clear/Grub/Removals - Airport SB Tie-In	1	0	22-Aug-16 A	23-Aug-16 A													
<b>Bridge Removals</b>		87	130	05-Jun-17 A	11-Jan-18	27												
CDM2150	Demo - SBFR / SB Montopolis Bridge Over NB Airport / Levander Loop	10	10	05-Jun-17 A	11-Jul-17	51												
CDM2120	Demo - SB Airport Bridge Over 5th/7th	10	10	02-Oct-17	16-Oct-17	49												
CDM2900	Demo - 7th Street SB Over 5th Street WB Bridge	10	10	28-Dec-17	11-Jan-18	27												
<b>Earthwork</b>		337	371	06-Jun-17 A	21-Jan-19	15												
CEW1510	Earthwork - 7th St Tie-In	4	4	06-Jun-17 A	05-Jul-17	127												
CEW8610	Earthwork - Airport SB Tie-In	2	2	13-Jun-17 A	01-Aug-17	67												
CEW1520	Earthwork - 5th St Tie-In	8	8	12-Jan-18	23-Jan-18	30												
CEW1470	Earthwork - SBGP/Levander Loop Tie-In - Sta. 476+00 to 494+00	5	5	11-Jun-18	15-Jun-18	93												
CEW2020	Earthwork - NBGP to Airport Blvd - Sta. 10+20 to 15+00	12	12	12-Oct-18	31-Oct-18	39												
CEW1730	Earthwork - Levander Loop /NBGP Widen - Sta. 482+00 to 20+00	8	8	10-Jan-19	21-Jan-19	15												
<b>Landscaping</b>		50	50	01-Feb-19	17-Apr-19	77												
<b>Special Aesthetic Landscape</b>		50	50	01-Feb-19	17-Apr-19	77												
CLS-0150	Install Landscaping (Levander Loop)	50	50	01-Feb-19	17-Apr-19	77												
<b>Subgrade Treatment and Base</b>		372	372	06-Jul-17	28-Jan-19	15												
<b>Lime Treatment and Other</b>		370	370	10-Jul-17	28-Jan-19	15												
CCB1510	Construct CTB - 7th St Tie-In	3	3	10-Jul-17	12-Jul-17	127												
CCB8610	Construct CTB - Airport SB Tie-In	3	3	16-Aug-17	18-Aug-17	67												
CCB1520	Construct CTB - 5th St Tie-In	3	3	26-Jan-18	30-Jan-18	30												
CCB1470	Construct CTB - SBGP/Levander Loop Tie-In - Sta 476+00 to 494+00	7	7	26-Sep-18	05-Oct-18	30												
CCB2020	Construct CTB - NBGP to Airport Blvd - Sta 10+20 to 15+00	3	3	16-Nov-18	20-Nov-18	30												
CCB1730	Construct CTB - Levander Loop /NBGP Widen - Sta. 482+00 to 20+00	3	3	24-Jan-19	28-Jan-19	15												
<b>Flexible Base</b>		369	369	06-Jul-17	23-Jan-19	15												
CSE1510	Construct Select - 7th St Tie-In	2	2	06-Jul-17	07-Jul-17	127												
CSE8610	Construct Select - Airport SB Tie-In	9	9	02-Aug-17	15-Aug-17	67												
CSE1520	Construct Select - 5th St Tie-In	2	2	24-Jan-18	25-Jan-18	30												
CSE1470	Construct Select - SBGP/Levander Loop Tie-In - Sta. 476+00 to 494+00	2	2	18-Jun-18	20-Jun-18	93												
CSE2020	Construct Select - NBGP to Airport Blvd - Sta. 10+20 to 15+00	2	2	01-Nov-18	02-Nov-18	39												
CSE1730	Construct Select - Levander Loop /NBGP Widen - Sta. 482+00 to 20+00	2	2	22-Jan-19	23-Jan-19	15												
<b>Pavement</b>		375	375	13-Jul-17	07-Feb-19	71												
<b>Asphalt Pavement</b>		368	368	13-Jul-17	29-Jan-19	67												

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

183 South Project (PBS-2) SU21 Time Impact Analysis			183S - Master Schedule				15-Aug-17 09:52											
Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBB1510	Construct Bond Breaker - 7th St Tie-In	1	1	13-Jul-17	13-Jul-17	127												
CBB8610	Construct Bond Breaker - Airport SB Tie-In	1	1	21-Aug-17	21-Aug-17	67												
CBB1520	Construct Bond Breaker - 5th St Tie-In	1	1	31-Jan-18	31-Jan-18	30												
CBB1470	Construct Bond Breaker - SBGP/Levander Loop Tie-In - Sta. 476+00 to	1	1	08-Oct-18	08-Oct-18	141												
CBB2020	Construct Bond Breaker - NBGP to Airport Blvd - Sta. 10+20 to 15+00	1	1	21-Nov-18	21-Nov-18	30												
CBB1730	Construct Bond Breaker - Levander Loop /NBGP Widen - Sta. 482+00 t	1	1	29-Jan-19	29-Jan-19	15												
<b>Concrete Pavement</b>		<b>348</b>	<b>348</b>	<b>23-Aug-17</b>	<b>07-Feb-19</b>	<b>71</b>												
CCP8610	Construct CRCP - Airport SB Tie-In	3	3	23-Aug-17	25-Aug-17	67												
CCP1510	Construct CRCP - 7th St Tie-In	3	3	19-Oct-17	23-Oct-17	64												
CCP1520	Construct CRCP - 5th St Tie-In	3	3	06-Feb-18	08-Feb-18	27												
CCP1470	Construct CRCP - SBGP/Levander Loop Tie-In - Sta. 476+00 to 494+00	11	11	15-Oct-18	31-Oct-18	137												
CCP2020	Construct CRCP - NBGP to Airport Blvd - Sta. 10+20 to 15+00	5	5	26-Nov-18	30-Nov-18	30												
CCP1730	Construct CRCP - Levander Loop /NBGP Widen - Sta. 482+00 to 20+00	7	7	30-Jan-19	07-Feb-19	15												
<b>Retaining Walls</b>		<b>14</b>	<b>14</b>	<b>17-Jul-17</b>	<b>03-Aug-17</b>	<b>78</b>												
<b>Wall 245</b>		<b>14</b>	<b>14</b>	<b>17-Jul-17</b>	<b>03-Aug-17</b>	<b>78</b>												
CWL245-050	Construct Wall 245 (MSE), Sta. 14+87 to 17+62, LT (Fill)	10	10	17-Jul-17	28-Jul-17	7												
CWL245-090	Construct Wall Coping 245 (MSE), Sta. 14+87 to 17+62, LT (Fill)	4	4	31-Jul-17	03-Aug-17	78												
<b>Bridges</b>		<b>322</b>	<b>111</b>	<b>09-Sep-16 A</b>	<b>12-Dec-17</b>	<b>31</b>												
<b>33 Airport Blvd. to Bridge 34</b>		<b>119</b>	<b>30</b>	<b>28-Feb-17 A</b>	<b>13-Sep-17</b>	<b>55</b>												
CBR33-0400	Drill Shafts - Bridge 33 (Airport Blvd to BR34) Spans 1-2	5	0	28-Feb-17 A	09-Mar-17 A													
CBR33-0500	Construct Columns - Bridge 33 (Airport Blvd to BR34) Spans 1-2	4	0	24-Mar-17 A	10-Apr-17 A													
CBR33-0550	Construct Abutments - Bridge 33 (Airport Blvd to BR34) Spans 1-2	15	0	05-May-17 A	13-May-17 A													
CBR33-0600	Construct Caps - Bridge 33 (Airport Blvd to BR34) Spans 1-2	16	0	05-May-17 A	17-May-17 A													
CBR33-0700	Erect Beams - Bridge 33 (Airport Blvd to BR34) Spans 1-2	3	0	22-Jun-17 A	24-Jun-17 A													
CBR33-0800	Construct Deck - Bridge 33 (Airport Blvd to BR34) Spans 1-2	15	15	31-Jul-17	21-Aug-17	55												
CBR33-0900	Construct Rail/Surf. Trt - Bridge 33 (Airport Blvd to BR34) Spans 1-2	15	15	23-Aug-17	13-Sep-17	55												
<b>34 SB 183 Rmp to SB 183 FR from 7th</b>		<b>322</b>	<b>111</b>	<b>09-Sep-16 A</b>	<b>12-Dec-17</b>	<b>31</b>												
CBR35-06-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	5	0	09-Sep-16 A	15-Sep-16 A													
CBR35-05-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 12-13)	8	0	26-Sep-16 A	19-Oct-16 A													
CBR35-06-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 1-	11	0	04-Nov-16 A	11-Nov-16 A													
CBR35-06-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	14	0	12-Nov-16 A	12-Dec-16 A													
CBR35-04-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9-10)	5	0	28-Dec-16 A	05-Jan-17 A													
CBR35-02-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3,5)	6	0	12-Jan-17 A	01-Feb-17 A													
CBR35-04-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9-	8	0	17-Jan-17 A	01-Feb-17 A													
CBR35-01-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 - Bent 2)	6	0	31-Jan-17 A	06-Feb-17 A													
CBR35-04-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9-10)	14	0	02-Feb-17 A	09-Feb-17 A													
CBR35-07-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 16-17)	5	0	03-Oct-16 A	27-Feb-17 A													
CBR35-03-0600.1	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6 & 8)	13	0	15-Feb-17 A	28-Feb-17 A													
CBR35-03-0400	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6-8)	7	0	05-Jan-17 A	08-Mar-17 A													
CBR35-01-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 -	4	0	13-Mar-17 A	16-Mar-17 A													
CBR35-01-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 - Bei	14	0	16-Mar-17 A	21-Mar-17 A													
CBR34-0500	Construct Columns - Bridge 34 (E. Cesar Chavez St to Bridge 35), Sta.	4	0	16-Mar-17 A	24-Mar-17 A													
CBR35-03-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6-	8	0	02-Feb-17 A	24-Mar-17 A													
CBR35-07-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11	8	0	15-Nov-16 A	01-Apr-17 A													
CBR35-07-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 16-17)	14	0	07-Dec-16 A	05-Apr-17 A													
CBR35-03-0600.2	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 7)	13	0	10-Apr-17 A	21-Apr-17 A													
CBR35-01-0550	Construct Abutments - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1	15	0	06-Apr-17 A	25-Apr-17 A													
CBR34-0600	Construct Caps - Bridge 34 (E. Cesar Chavez St to Bridge 35), Sta. 16+	16	0	24-Mar-17 A	08-Jun-17 A													

■ Remaining Level of Effort   
■ Actual Work   
■ Critical Remaining Work  
■ Actual Level of Effort   
■ Remaining Work   
◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CBR35-03-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6-8)	4	0	14-Jun-17 A	20-Jun-17 A													
CBR35-04-0700.1	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9)	3	0	21-Jun-17 A	21-Jun-17 A													
CBR35-01-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 - Bent 2)	1	1	26-Jun-17	26-Jun-17	62												
CBR35-07-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 16-17)	4	4	06-Jul-17	11-Jul-17	68												
CBR35-04-0700.2	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 10)	3	3	07-Jul-17	11-Jul-17	58												
CBR35-05-0410	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 11)	3	3	12-Jul-17	14-Jul-17	51												
CBR35-06-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	2	2	14-Jul-17	17-Jul-17	49												
CBR35-01-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Abut 1 - Bent 2)	15	15	28-Jun-17	19-Jul-17	62												
CBR35-05-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 1-10)	12	12	16-Nov-16 A	21-Jul-17	51												
CBR35-04-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 9-10)	10	10	12-Jul-17	25-Jul-17	58												
CBR35-05-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11-13)	14	14	13-Dec-16 A	28-Jul-17	51												
CBR35-05-0700.1	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 12-13)	4	4	31-Jul-17	03-Aug-17	51												
CBR35-05-0700.2	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11)	4	4	31-Jul-17	03-Aug-17	51												
CBR35-06-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 14-15)	15	15	18-Jul-17	07-Aug-17	49												
CBR35-03-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 6-8)	15	15	20-Jul-17	10-Aug-17	62												
CBR35-05-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 11-13)	15	15	04-Aug-17	28-Aug-17	51												
CBR35-07-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 16-17)	15	15	09-Aug-17	30-Aug-17	49												
CBR35-07-0900.1	Construct Rail/Surf. Trt - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 11)	15	15	31-Aug-17	22-Sep-17	49												
CBR35-02-0410	Drill Shafts - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 4)	3	3	18-Oct-17	20-Oct-17	49												
CBR35-02-0700	Erect Beams - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	4	4	16-Jun-17 A	03-Nov-17	31												
CBR35-02-0500	Construct Columns - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	13	13	02-Feb-17 A	16-Nov-17	31												
CBR35-02-0600	Construct Caps - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	14	14	13-Mar-17 A	17-Nov-17	31												
CBR35-02-0800	Construct Deck - Bridge 35 5th/E. Cesar Chavez to SBGP (Bents 3-5)	15	15	06-Nov-17	28-Nov-17	31												
CBR35-07-0900.2	Construct Rail/Surf. Trt - Bridge 35 5th/E. Cesar Chavez to SBGP (Bent 11)	10	10	29-Nov-17	12-Dec-17	31												
<b>Traffic Control and Temporary Work</b>		<b>383</b>	<b>383</b>	<b>26-Jun-17</b>	<b>04-Feb-19</b>	<b>75</b>												
<b>Barricades, Signs and Traffic Handling</b>		<b>383</b>	<b>383</b>	<b>26-Jun-17</b>	<b>04-Feb-19</b>	<b>75</b>												
CTS3000	Move Barrier / Switch Traffic - Start 7th Street Detour	2	2	26-Jun-17	28-Jun-17	127												
CTS3220	Move Barrier / Switch Traffic - Open Airport to SBML - Bridge 33	5	5	25-Sep-17	29-Sep-17	49												
CTS10038	Move Barrier / Switch Traffic - Open 7th to SBML - Bridge 34, Bridge 35	5	5	20-Dec-17	27-Dec-17	27												
CTS1690	Move Barrier / Switch Traffic - Open 5th to SBML - Bridge 35	5	5	09-Feb-18	15-Feb-18	27												
CTS3020	Move Barrier / Switch Traffic - Close NB to Airport Blvd NB - Sta 514+00	5	5	11-Jun-18	15-Jun-18	12												
CTS1600	Move Barrier / Switch Traffic - End Detour to Levander Loop / Airport	1	1	01-Nov-18	01-Nov-18	137												
CTS3030	Move Barrier / Switch Traffic - Open NB to Airport Blvd NB - Sta 514+00	5	5	29-Jan-19	04-Feb-19	0												
<b>Montopolis Drive</b>		<b>741</b>	<b>433</b>	<b>03-Aug-16 A</b>	<b>16-Sep-19</b>	<b>30</b>												
<b>Removals</b>		<b>378</b>	<b>22</b>	<b>03-Aug-16 A</b>	<b>02-Mar-18</b>	<b>210</b>												
<b>ROW Preparation</b>		<b>113</b>	<b>0</b>	<b>03-Aug-16 A</b>	<b>08-Aug-16 A</b>													
CCG1410	Clear/Grub/Removals - Montopolis Dr EB	1	0	03-Aug-16 A	04-Aug-16 A													
CCG1720	Clear/Grub/Removals - Montopolis Dr WB	3	0	03-Aug-16 A	08-Aug-16 A													
<b>Roadway Removals</b>		<b>10</b>	<b>10</b>	<b>16-Feb-18</b>	<b>02-Mar-18</b>	<b>210</b>												
CDM1770	Demo - Montopolis SB to WB Off-Ramp	10	10	16-Feb-18	02-Mar-18	210												
<b>Bridge Removals</b>		<b>10</b>	<b>10</b>	<b>31-Jan-18</b>	<b>13-Feb-18</b>	<b>3</b>												
CDM1360	Demo - Montopolis to NB 183 Bridge - Sta 530+00 to 530+00	10	10	31-Jan-18	13-Feb-18	3												
<b>Earthwork</b>		<b>19</b>	<b>19</b>	<b>17-Nov-17</b>	<b>15-Dec-17</b>	<b>50</b>												
<b>Excavation</b>		<b>19</b>	<b>19</b>	<b>17-Nov-17</b>	<b>15-Dec-17</b>	<b>50</b>												
CEW1720	Earthwork - Montopolis Dr WB	10	10	17-Nov-17	04-Dec-17	59												
CEW1410	Earthwork - Montopolis Dr EB	5	5	11-Dec-17	15-Dec-17	21												
<b>Landscaping</b>		<b>50</b>	<b>50</b>	<b>03-Jul-19</b>	<b>16-Sep-19</b>	<b>30</b>												
<b>Special Aesthetic Landscape</b>		<b>50</b>	<b>50</b>	<b>03-Jul-19</b>	<b>16-Sep-19</b>	<b>30</b>												









Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017								2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2						
<b>Signals and Illumination</b>																								
<b>Traffic Signals</b>																								
CPI-3010	Construct Perm. Signals - Loyola Lane	40	40	02-Aug-17	02-Oct-17	59																		
CTI-3010	Construct Temp Signals - Loyola Lane	20	20	11-Sep-17	10-Oct-17	134																		
<b>Manor / Springdale Road</b>																								
<b>Removals</b>																								
<b>ROW Preparation</b>																								
CCG0280	Clear/Grub/Removals - NB to SB U-Turn Under Springdale/Manor Bridg	1	0	10-May-16 A	10-May-16 A																			
CCG0290	Clear/Grub/Removals - SB to NB U-Turn Under Springdale/Manor Bridg	1	0	10-May-16 A	10-May-16 A																			
CCG0340	Clear/Grub/Removals - Springdale/Manor Rd, On/Off Ramp Tie-Ins to th	1	0	12-Jul-16 A	13-Jul-16 A																			
CCG0270	Clear/Grub/Removals - Springdale/Manor Rd, EB Lanes	3	0	12-Jul-16 A	15-Jul-16 A																			
CCG0480	Clear/Grub/Removals - Springdale/Manor Rd WB	3	0	12-Jul-16 A	15-Jul-16 A																			
<b>Earthwork</b>																								
<b>Excavation</b>																								
CEW0480	Earthwork - Springdale/Manor Rd WB	4	0	30-Jan-17 A	23-Apr-17 A																			
CEW0270	Earthwork - Springdale/Manor Rd, EB Lanes	5	0	08-May-17 A	19-May-17 A																			
CEW0290	Earthwork - SB to NB U-Turn Under Springdale/Manor Bridge	5	0	22-Mar-17 A	19-May-17 A																			
CEW0280	Earthwork - NB to SB U-Turn Under Springdale/Manor Bridge	5	0	04-Apr-17 A	15-Jun-17 A																			
CEW0340	Earthwork - Springdale/Manor Rd, On/Off Ramp Tie-Ins to the N.	3	6	30-Jan-17 A	31-Jul-17	298																		
<b>Landscaping</b>																								
<b>Special Aesthetic Landscape</b>																								
CLS-0105	Install Landscaping (Manor Road/Springdale Road)	50	50	09-Feb-18	26-Apr-18	297																		
<b>Pavement</b>																								
<b>Asphalt Pavement</b>																								
CBB0480	Construct Fast Track Asphalt - Springdale/Manor Rd WB	4	0	01-Feb-17 A	21-Apr-17 A																			
CBB0270	Construct Fast Track Asphalt - Springdale/Manor Rd, EB Lanes	4	0	07-May-17 A	09-May-17 A																			
CBB0290	Construct Fast Track Asphalt - SB to NB U-Turn Under Springdale/Man	3	0	11-May-17 A	11-May-17 A																			
CBB0280	Construct Fast Track Asphalt - NB to SB U-Turn Under Springdale/Man	3	0	15-Jun-17 A	15-Jun-17 A																			
CBB0340	Construct Fast Track Asphalt - Springdale/Manor Rd, On/Off Ramp Tie-	3	3	01-Aug-17	03-Aug-17	298																		
<b>Concrete Pavement</b>																								
CCP0480	Construct CRCP - Springdale/Manor Rd WB Lanes	6	0	10-Feb-17 A	02-May-17 A																			
CCP0270	Construct CRCP - Springdale/Manor Rd EB Lanes	6	0	09-May-17 A	31-May-17 A																			
CCP0290	Construct CRCP - SB to NB U-Turn Under Springdale/Manor Bridge	4	0	08-Jun-17 A	24-Jun-17 A																			
CCP0280	Construct CRCP - NB to SB U-Turn Under Springdale/Manor Bridge	4	4	16-Jun-17 A	30-Jun-17	318																		
CCP0340	Construct CRCP - Springdale/Manor Rd, On/Off Ramp Tie-Ins to the N.	4	4	04-Aug-17	10-Aug-17	298																		
<b>Sidewalks and Median Paving</b>																								
CSU-1010	Construct SUP Conc Pave - NB - Sta. 205+00 to 230+00 (Springdale/Mi	5	5	30-Aug-17	06-Sep-17	286																		
CSW-0005	Construct Sidewalk - SB - Sta 205+00 to 230+00 (Springdale/Manor)	13	13	17-Aug-17	06-Sep-17	193																		
CSU-0015	Construct SUP FG/ Place Class I - NB - Sta. 198+00 to 230+00 (Spring	15	15	17-Aug-17	08-Sep-17	162																		
<b>Retaining Walls</b>																								
<b>Wall 109</b>																								
CWL109-050	Construct Wall 109 (S/N), Sta. 12+00 to 15+00, SBML	20	0	28-Jul-16 A	18-Nov-16 A																			
CWL109-090	Construct Wall Coping 109, Sta. 12+00 to 15+00, SBML	5	5	02-Mar-17 A	18-Aug-17	35																		
CWL109-060	Construct Wall 109 (MSE), Sta. 12+00 to 15+00, SBML	10	10	24-Feb-17 A	28-Aug-17	35																		
CWL109-90	Construct Wall 109 (Fascia), Sta. 12+00 to 15+00, SBML	10	42	03-Jan-17 A	28-Aug-17	35																		
<b>Wall 109A</b>																								
CWL109A-050	Construct Wall 109A (MSE), Sta. 2320+67 to 2322+27, LT	10	10	26-Sep-17	10-Oct-17	9																		
CWL109A-090	Construct Wall Coping 109A (MSE), Sta. 2320+67 to 2322+27, LT	3	3	11-Oct-17	13-Oct-17	9																		
<b>Wall 113</b>																								
		105	58	05-Dec-16 A	21-Sep-17	43																		

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Total Float	2017		2018				2019				2020	
							Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
CWL113-050	Construct Wall 113 (S/N), Sta. 15+09 to 15+09, LT	25	10	05-Dec-16 A	11-Jul-17	49												
CWL113-090	Construct Wall Coping 113, Sta. 15+09 to 15+09, LT	4	1	07-Mar-17 A	07-Aug-17	43												
CWL113-90	Construct Wall 113 (Fascia), Sta. 15+09 to 15+09, LT	10	52	25-Jan-17 A	12-Sep-17	49												
CWL113-060	Construct Wall 113 (MSE), Sta. 15+00 to 15+09, SBML	10	30	02-Mar-17 A	21-Sep-17	43												
<b>Wall 113A</b>		13	13	30-Nov-17	18-Dec-17	209												
CWL113A-050	Construct Wall 113A (MSE), Sta. 230+30 to 242+00, LT	10	10	30-Nov-17	13-Dec-17	179												
CWL113A-090	Construct Wall Coping 113A (MSE), Sta. 230+30 to 242+00, LT	3	3	14-Dec-17	18-Dec-17	209												
<b>Bridges</b>		351	93	07-May-16 A	14-Nov-17	236												
<b>1 NBML Over Manor/Springdale</b>		349	91	07-May-16 A	10-Nov-17	238												
CBR01-0400	Drill Shafts - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+00	16	0	07-May-16 A	22-Jun-16 A													
CBR01-0500	Construct Columns - Bridge 01 (NBML Over Springdale/Manor) Retrofit	30	0	11-Aug-16 A	01-Dec-16 A													
CBR01-0600	Construct Caps - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+	10	0	21-Sep-16 A	01-Dec-16 A													
CBR01-0550	Construct Abutments - Bridge 01 (NBML Over Springdale/Manor) Retro	20	0	31-Oct-16 A	16-Dec-16 A													
CBR01-0700	Erect Beams - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+00	5	0	14-May-17 A	15-May-17 A													
CBR01-0800	Construct Deck - Bridge 01 (NBML Over Springdale/Manor) - Sta. 230+	20	20	12-Jun-17 A	25-Jul-17	155												
CBR01-0900	Construct Rail/Surf. Trt - Bridge 01 (NBML Over Springdale/Manor) - St	15	15	26-Jul-17	16-Aug-17	155												
CBR01-1000	Construct Deck Overlay - Bridge 01 (NBML Over Springdale/Manor)	20	20	12-Oct-17	10-Nov-17	238												
<b>2 SBML Over Manor/Springdale</b>		335	93	13-Jun-16 A	14-Nov-17	102												
CBR02-0400	Drill Shafts - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+00	16	0	13-Jun-16 A	20-Jun-16 A													
CBR02-0550	Construct Abutments - Bridge 02 (SBML Over Springdale/Manor) - Sta.	20	0	15-Sep-16 A	07-Oct-16 A													
CBR02-0600	Construct Caps - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+	10	0	31-Oct-16 A	30-Nov-16 A													
CBR02-0500	Construct Columns - Bridge 02 (SBML Over Springdale/Manor) - Sta. 2:	30	0	14-Sep-16 A	01-Dec-16 A													
CBR02-0700	Erect Beams - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+00	5	0	15-Mar-17 A	16-Mar-17 A													
CBR02-0800	Construct Deck - Bridge 02 (SBML Over Springdale/Manor) - Sta. 230+	20	20	17-Apr-17 A	25-Jul-17	67												
CBR02-0900	Construct Rail/Surf. Trt - Bridge 02 (SBML Over Springdale/Manor) - St	15	15	26-Jul-17	16-Aug-17	67												
CBR02-1000	Construct Deck Overlay - Bridge 02 (SBML Over Springdale/Manor)	20	20	16-Oct-17	14-Nov-17	102												
<b>Traffic Control and Temporary Work</b>		398	5	10-May-16 A	08-Feb-18	184												
<b>Barricades, Signs and Traffic Handling</b>		230	5	20-Jan-17 A	08-Feb-18	184												
CTS0310	Move Barrier / Switch Traffic - Springdale/Manor Rd WB to EB	5	0	20-Jan-17 A	26-Jan-17 A													
CTS0260	Move Barrier / Switch Traffic - Springdale/Manor Rd EB to WB	5	0	03-May-17 A	07-May-17 A													
CTS0580	Move Barrier / Switch Traffic - Open US 183 Mainlines - Sta 210+00 to 2	5	5	02-Feb-18	08-Feb-18	184												
<b>Detour Construction / Removal</b>		19	0	10-May-16 A	16-Jul-16 A													
CTP0090	Construct Temp Widening for WB - Springdale/Manor Rd	1	0	07-Jul-16 A	07-Jul-16 A													
CCG0090	Clear/Grub/Removals - Springdale/Manor Rd, Temp Widening for WB	1	0	10-May-16 A	09-Jul-16 A													
CEW0090	Earthwork - Springdale/Manor Rd, Temp Widening for WB	2	0	11-Jul-16 A	16-Jul-16 A													
CSE0090	Construct Select - Springdale/Manor Rd, Temp Widening for WB	3	0	16-Jul-16 A	16-Jul-16 A													
<b>Signals and Illumination</b>		127	26	24-Jun-16 A	02-Aug-17	308												
<b>Traffic Signals</b>		127	26	24-Jun-16 A	02-Aug-17	308												
CTI-3000	Construct Temp Signals - Springdale/Manor Road	20	0	24-Jun-16 A	02-Sep-16 A													
CPI-3000	Construct Perm. Signals - Springdale/Manor Road	40	26	27-Oct-16 A	02-Aug-17	308												
<b>Hazardous Materials</b>		33	0	05-Apr-16 A	10-May-16 A													
<b>Remediation</b>		33	0	05-Apr-16 A	10-May-16 A													
CBR01-1010	Asbestos Abatement - (Springdale/Manor) NB	20	0	05-Apr-16 A	10-May-16 A													
CBR02-1010	Asbestos Abatement - (Springdale/Manor) SB	20	0	05-Apr-16 A	10-May-16 A													

█ Remaining Level of Effort   
 █ Actual Work   
 █ Critical Remaining Work  
█ Actual Level of Effort   
 █ Remaining Work   
 ◆ Milestone



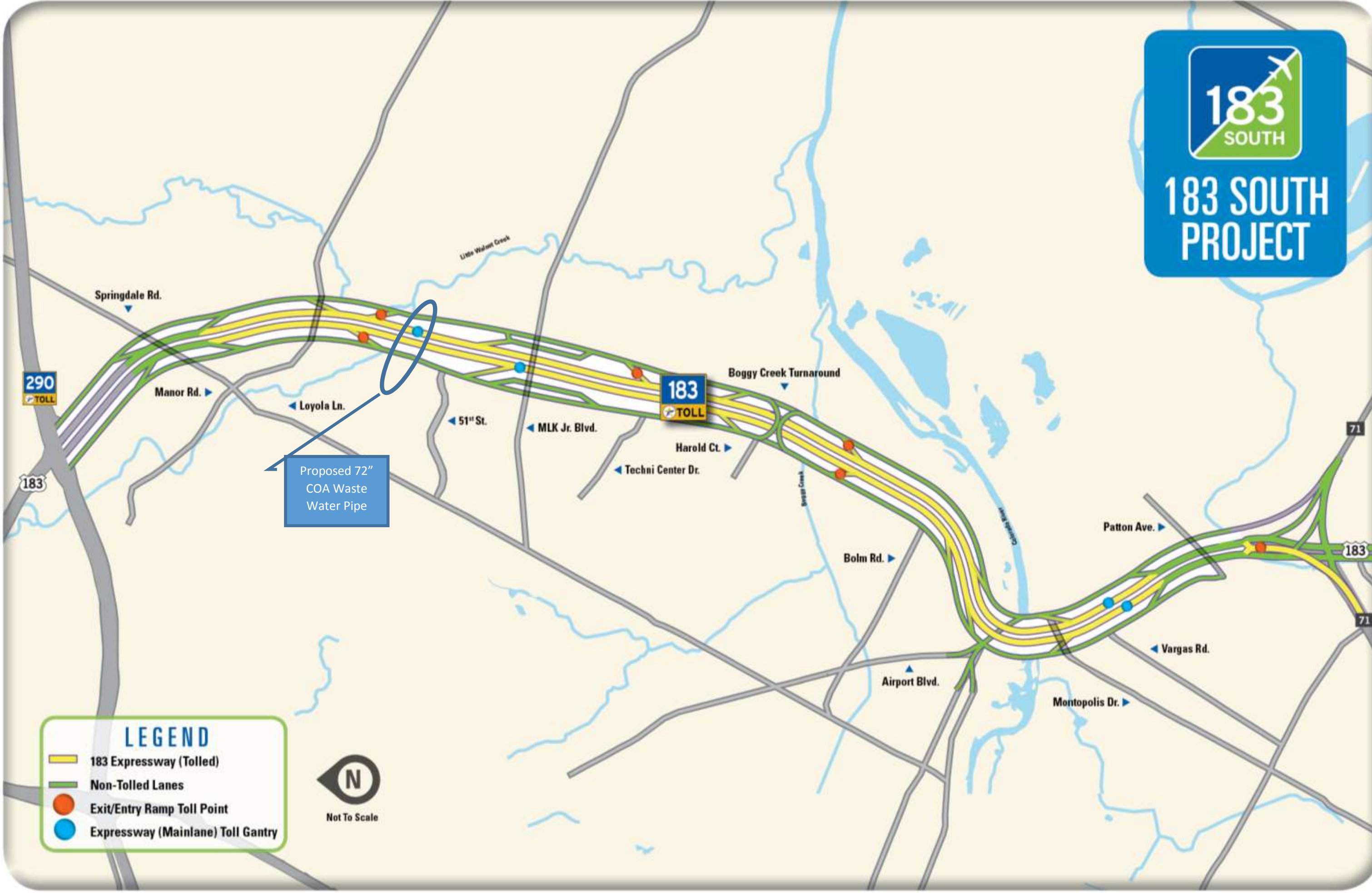
## AGENDA ITEM #6

Change Order No. 10

Additional Backup Materials



183 SOUTH  
PROJECT



Proposed 72" COA Waste Water Pipe

**LEGEND**

- 183 Expressway (Tolled)
- Non-Tolled Lanes
- Exit/Entry Ramp Toll Point
- Expressway (Mainlane) Toll Gantry

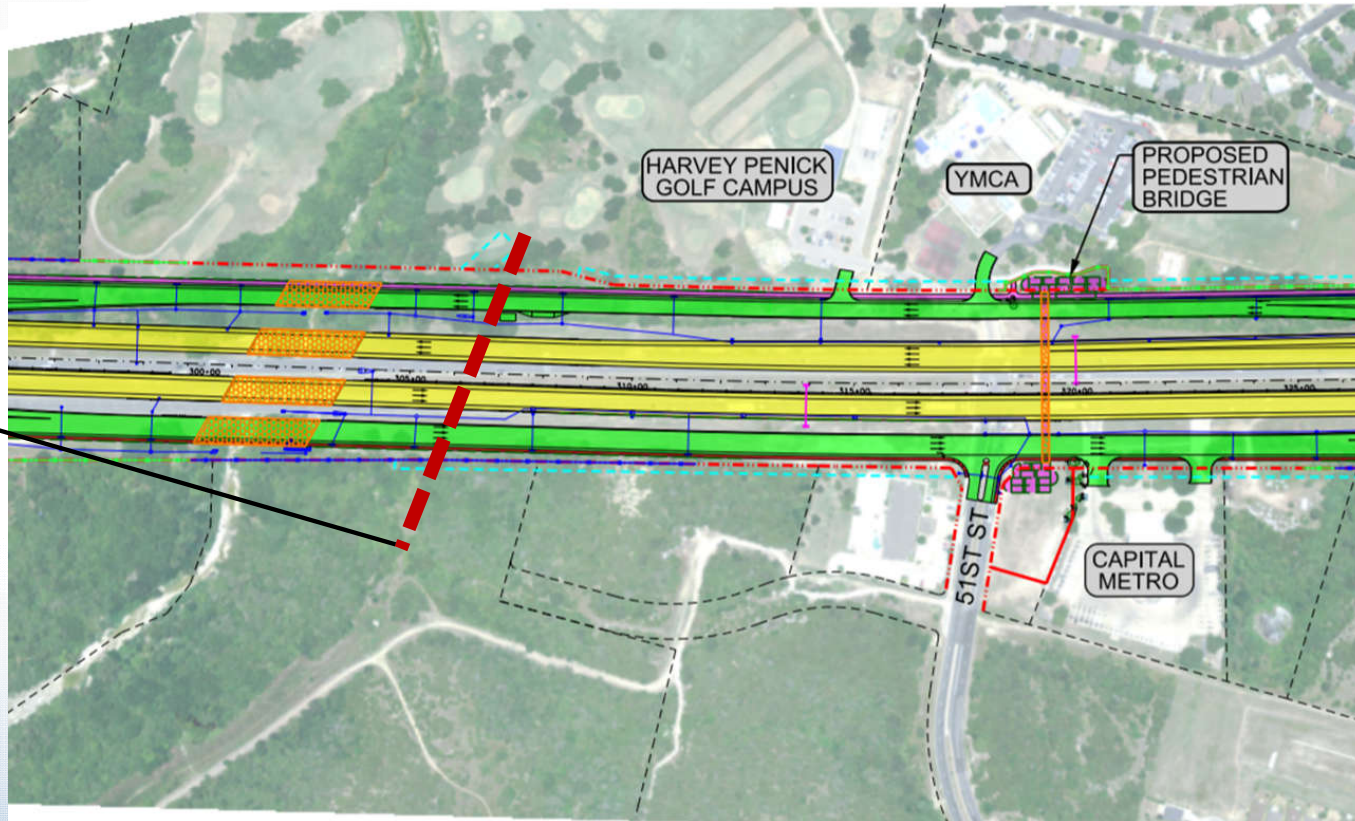




## Change Order 10 – City of Austin Betterment



- Existing Wastewater crossing south of Little Walnut Creek:
  - includes a 42” Reinforced Concrete Pipe (RCP) and a 60” RCP



Placement of 72”  
WW pipe

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-050**

**APPROVE SUPPLEMENT NO. 2 TO WORK AUTHORIZATION NO. 13 WITH  
KAPSCH TRAFFIC COM FOR TOLL SYSTEM INTEGRATION SERVICES  
ON THE BERGSTROM EXPRESSWAY (183 SOUTH) PROJECT**

WHEREAS, by Resolution No. 15-044, dated August 29, 2015, the Board of Directors approved Work Authorization No. 13 with Kapsch TrafficCom for Toll System Integration Services for the Bergstrom Expressway (183 South) Project; and

WHEREAS, the Executive Director has determined that additional system integration services are required to (1) replace the existing Violation Enforcement System Server that is out of warranty and reaching the end of usable service, and (2) support fiber connectivity between the Bergstrom Expressway (183 South) Project and the Manor Expressway (290E) Project; and

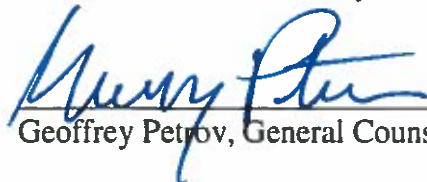
WHEREAS, the Executive Director and Kapsch TrafficCom have negotiated draft Supplement No. 2 to Work Authorization No. 13 in an amount not to exceed \$355,398.00 to provide these services; and

WHEREAS, the Executive Director recommends that the Board authorize him to finalize and execute Supplement No. 2 to Work Authorization No. 13 in the form or substantially the same form as attached hereto as Exhibit A.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors authorizes and directs the Executive Director to finalize and execute Supplement No. 2 to Work Authorization No. 13 in an amount not to exceed \$355,398.00 and in the form or substantially the same form as attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors



**Exhibit A**

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

\*\*\*\*\*

**SUPPLEMENTAL WORK AUTHORIZATION NO. 2  
TO WORK AUTHORIZATION NO. 13**

**TOLL COLLECTION AND INTELLIGENT TRANSPORTATION  
SYSTEMS IMPLEMENTATION  
US 183 South Project**

**THIS SUPPLEMENTAL WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 1 of the GENERAL PROVISIONS, Attachment A to the original Contract for Toll System Implementation, dated April 27, 2005 (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the "Mobility Authority"), and Kapsch TrafficCOM, formerly known as Schneider Electric (the Contractor).

The following terms and conditions of Work Authorization No. 13 are hereby amended as follows:

Supplemental Work Authorization No. 2 is not to exceed \$355,398.00.

To support the CTRMA request for fiber connectivity between 183S and the existing Manor Expressway projects, Kapsch proposes changes to the existing fiber network to include installation, terminating, and testing 144 single-mode fiber trunk (and trace wire) at the request of CTRMA. The installation will be from 183/290E HUB to SH 71/Riverside HUB. There are no splices or mid-span connections to TxDOT equipment.

Additionally, proposed to the CTRMA under this supplemental is the delivery of services and equipment necessary to replace the existing Violation Enforcement System (VES) Server.

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 13 no hereby amended are to remain in full force and effect.

**IN WITNESS WHEREOF**, this Work Authorization No. 13 is executed in duplicate counterparts and hereby accepted and acknowledged below.

**THE CONTRACTOR:**

---

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

Typed/Printed Name and Title \_\_\_\_\_

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

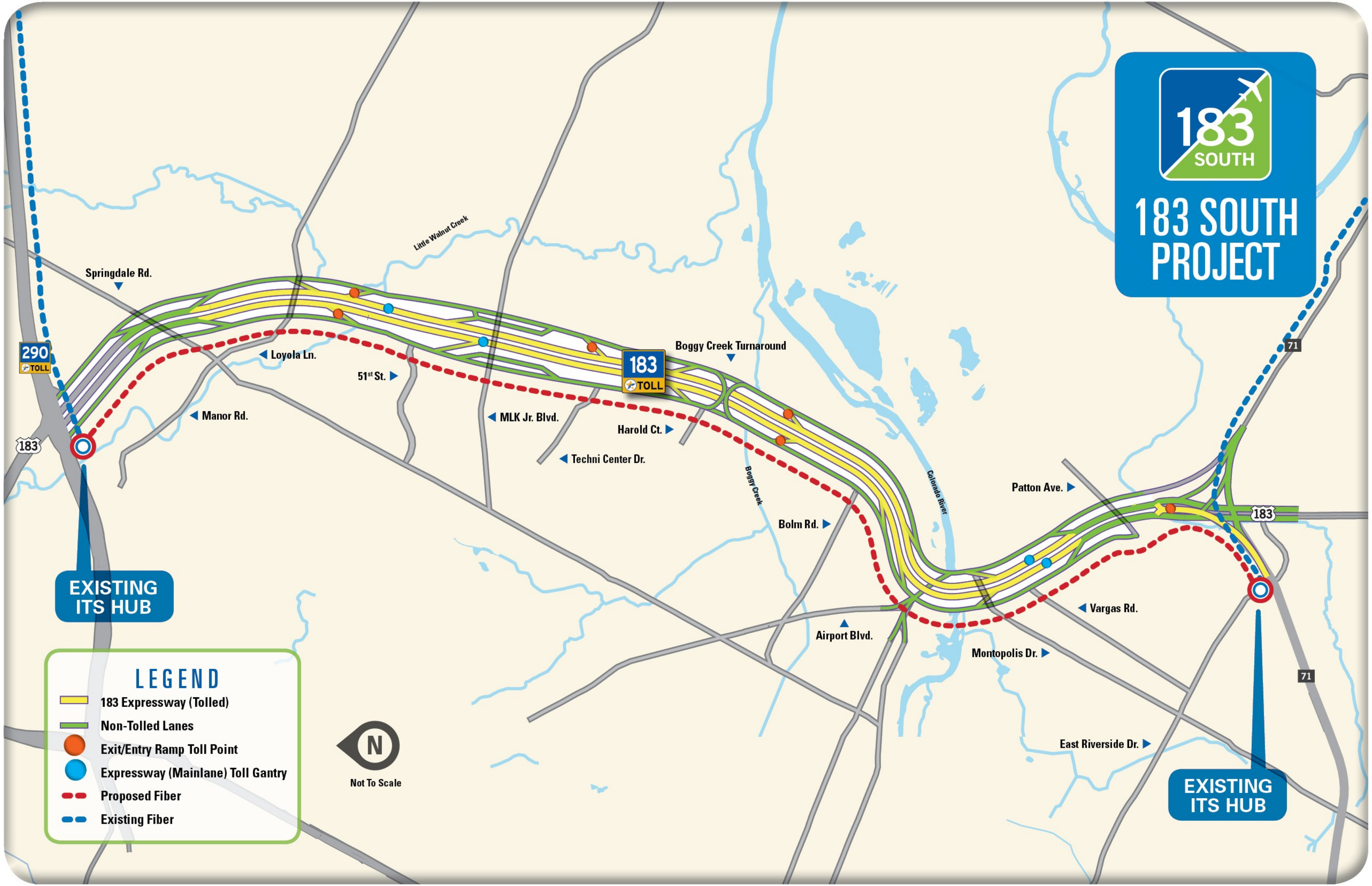
Executed for and approved by the Central Texas Regional Mobility Authority for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

---

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

Typed/Printed Name and Title \_\_\_\_\_



**EXISTING ITS HUB**

**EXISTING ITS HUB**

**LEGEND**

- 183 Expressway (Tolled)
- Non-Tolled Lanes
- Exit/Entry Ramp Toll Point
- Expressway (Mainlane) Toll Gantry
- Proposed Fiber
- Existing Fiber





**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-051**

**ADD THE COLORADO SCENIC BYWAY INTO THE BERGSTROM EXPRESSWAY  
(183 SOUTH) PROJECT AND AUTHORIZE EXECUTIVE DIRECTOR TO EXECUTE  
AMENDED FINANCIAL ASSISTANCE AGREEMENT**

WHEREAS, the Bergstrom Expressway (183 South) Project (the "Project") is being constructed as a turnpike project; and

WHEREAS, by Resolution No. 15-039, dated July 1, 2015, the Board of Directors added the Project to the Mobility Authority Turnpike System; and

WHEREAS, by Resolution No. 2017-11-4, the Capital Area Metropolitan Planning Organization awarded the Mobility Authority \$3.64 million in federal funding through the Surface Transportation Program – Metropolitan Mobility for the Colorado River Scenic Byway ("Byway"); and

WHEREAS, the Byway is a planned shared use path along the Colorado River within the Project limits; and

WHEREAS, there are currently other shared use path elements included in the Project; and


WHEREAS, the Executive Director recommends adding the Byway into the Project.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors hereby incorporates the Colorado Scenic Byway into the Bergstrom Expressway (183 South) Project; and

BE IT FURTHER RESOLVED, that the Board of Directors authorizes the Executive Director to execute any documents and take any other actions that are necessary to secure the funding committed by the Capital Area Metropolitan Planning Organization for the Colorado River Scenic Byway.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petroy, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-052**

**APPROVE AMENDMENT NOS. 1 & 2 TO THE  
CENTRAL UNITED STATES INTEROPERABILITY AGREEMENT**

WHEREAS, by Resolution No. 16-009, dated February 24, 2016, the Board of Directors approved the Central United States Interoperability (“CUSIOP”) Agreement with states outside of Texas including Kansas and Oklahoma; and

WHEREAS, by Resolution No. 17-035, dated June 28, 2017, the Board of Directors approved the Southern States Interoperability (“SSIOP”) Agreement with states outside of Texas from the southeastern U.S.; and

WHEREAS, under Amendment No. 1 to the CUSIOP, the North Texas Tollway Authority (“NTTA”) is appointed as the receiver and custodian of funds for the parties to the CUSIOP with regard to payments between the CUSIOP members and any other governmental toll entities that connect with the CUSIOP HUB, including the southern states toll entities that are part of the SSIOP agreement; and


WHEREAS, Amendment No. 2 requires any additional parties to the CUSIOP to also be a party to the SSIOP; adds specific language regarding payment of tolls between “visited” and “home” agencies; attaches to the Agreement a supplement to the Trademark License Agreement; and makes minor corrections regarding the PikePass URL; and

WHEREAS, the Executive Director recommends approval of Amendments No. 1 and Amendment No. 2 to the CUSIOP Agreement.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves and directs the Executive Director to execute Amendments No. 1 and No. 2 to the CUSIOP Agreement in the form or substantially the same form as Exhibit A and Exhibit B, respectively.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors

**Exhibit A**

**FIRST AMENDMENT TO  
AGREEMENT REGARDING  
INTEROPERABILITY OF TOLL SYSTEMS AND TRANSPONDERS**

**THIS FIRST AMENDMENT** (this "Amendment") by and between North Texas Tollway Authority, a regional tollway authority ("NTTA"), the Texas Department of Transportation, an agency of the State of Texas ("TxDOT"), Harris County, a body corporate and politic under the laws of the State of Texas ("Harris County"), the Central Texas Regional Mobility Authority, a regional mobility authority ("CTRMA"), Fort Bend Grand Parkway Toll Road Authority, a body corporate and politic under the laws of the State of Texas ("GPTRA"), the Kansas Turnpike Authority, an instrumentality of the State of Kansas ("KTA"), and the Oklahoma Turnpike Authority, an instrumentality of the State of Oklahoma ("OTA"), is to be effective as of \_\_\_\_\_, 2017 (the "Effective Date"). Capitalized terms used but not defined herein shall have the meanings assigned to such terms in the Interoperability Agreement (as hereinafter defined).

**RECITALS**

The parties hereto are parties to that certain Agreement Regarding Interoperability of Toll Systems and Transponders, which was fully executed and effective as to all Parties on March 3, 2017 (the "Interoperability Agreement").

The parties desire to amend the Interoperability Agreement to allow the Central US IOP Hub to connect with other interoperability hubs in the United States and for NTTA to serve as custodian for payments between such hubs.

**AGREEMENT**

**NOW, THEREFORE**, in consideration of these premises and the mutual covenants and agreements of the parties hereto to be by them respectively kept and performed as hereinafter set forth, and other good and valuable consideration, the receipt and sufficiency of which being hereby acknowledged, the parties agree as follows:

**1. Addition of Section XIV to the Interoperability Agreement.**

The Interoperability Agreement is hereby amended by adding the following Section XIV to read as follows:

**XIV. CUSTODIAL SERVICES FOR PAYMENTS BETWEEN IOP HUBS:**

If the Interoperability Committee determines that it is beneficial for the Central US IOP Hub to connect with another interoperability hub in the United States (a "Connected Hub"), the Parties shall execute such documents as may be necessary to permit such connectivity. With regard to any connection between the Central US IOP Hub and a Connected Hub, the Parties desire for NTTA to serve as a custodian for payments between the Parties and the other governmental toll-project entities that are connected to the Connected Hub (each a "Connected Entity"). NTTA has agreed to provide the custodial services as set forth in **Attachment F** to this Agreement ("Custodial Services").

The Parties shall reimburse NTTA for its costs to provide the Custodial Services (the "Custodial Costs"). Not less than thirty (30) days before the end of each year, NTTA will provide to each



Party an estimate of the Custodial Costs for the following year, and during such year each Party shall pay NTTA by the fifteenth (15th) day of each month an amount equal to one-twelfth (1/12) of its share of the estimated Custodial Costs (with each Party responsible for a percent of such amount determined by the formula  $1 / X$ , where X is the number of Parties). After the end of each year, NTTA will prepare a final statement of the actual Custodial Costs for such year and provide each Party with such statement. At the conclusion of this process there will be a reconciliation to ensure that each Party has paid no more or less than its share of the actual Custodial Costs, and NTTA has received no more or less than the actual Custodial Costs, for that year. Any true up payment due from a Party or NTTA, as applicable, shall be made within fifteen (15) days after such reconciliation. Custodial Costs with respect to an entity that becomes a Party during any calendar year shall be prorated for such calendar year. NTTA may cease to provide the Custodial Services, with or without cause, upon one hundred and twenty (120) days written notice to the other Parties.

**2. Addition of Attachment F to the Interoperability Agreement.**

The Interoperability Agreement is hereby amended by adding Attachment F to this Amendment as Attachment F to the Interoperability Agreement.

**3. Miscellaneous.**

(a) Ratification. The parties acknowledge, ratify and affirm the provisions of the Interoperability Agreement not specifically amended by this Amendment as if such provisions were expressly set forth herein. The Interoperability Agreement, as amended by this Amendment, is fully valid, binding and enforceable in accordance with its terms.

(b) Entire Agreement. The Interoperability Agreement, as amended by this Amendment, constitutes the entire agreement between the parties with respect to the subject matter hereof. There are no representations, understandings or agreements relative hereto which are not fully expressed in the Interoperability Agreement, as amended hereby.

(c) No Default. The parties acknowledge that there is no default under the Interoperability Agreement, as amended by this Amendment, nor is there any condition or event which with the passage of time or the giving of notice would constitute a default by either party.

(d) Sole Benefit. This Amendment is entered into for the sole benefit of the parties and their respective successors, and nothing in this Amendment or in any approval subsequently provided by either party hereto shall be construed as giving any benefits, rights, remedies or claims to any other person or other entity, including, without, limitation, the public in general.

(e) Authorization. Each party to this Amendment represents to the other that it is fully authorized to enter into this Amendment and to perform its obligations hereunder, and that no waiver, consent, approval, or authorization from any third party is required to be obtained or made in connection with the execution, delivery or performance of this Amendment. Each signatory on behalf of a party represents that he or she is fully authorized to bind that entity to the terms of this Agreement.

(f) Interpretation. No provision of this Amendment shall be construed against or interpreted to the disadvantage of any party by any court, other governmental or judicial

authority, or arbitrator by reason of such party having or being deemed to have drafted, prepared, structured or dictated such provision.

(g) Counterparts. This Amendment may be executed in several counterparts, each of which shall be deemed an original, and all such counterparts shall constitute one single agreement between the parties.

(h) Headings. The article and section headings used in this Amendment are for reference and convenience only, and shall have no bearing on the interpretation hereof.

**[SIGNATURE PAGES FOLLOW]**

**IN WITNESS WHEREOF**, the undersigned have executed this Agreement as of the date first set both above.

**NORTH TEXAS TOLLWAY AUTHORITY**

By \_\_\_\_\_  
Gerald Carrigan  
Executive Director / CEO  
North Texas Tollway Authority

**ATTEST:**

By \_\_\_\_\_  
Lorelei Griffith, Secretary

**HARRIS COUNTY**

By \_\_\_\_\_  
Ed Emmett  
County Judge

**APPROVED AS TO FORM:**  
Vince Ryan, County Attorney

By: \_\_\_\_\_  
Nick Turner  
Assistant County Attorney

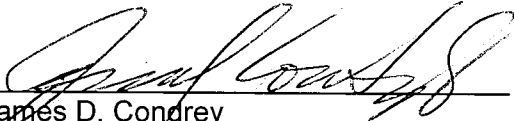
**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

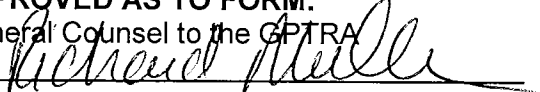
By \_\_\_\_\_  
Mike Heiligenstein  
Executive Director  
Central Texas Regional Mobility Authority

**APPROVED AS TO FORM:**  
General Counsel to the CTRMA

By \_\_\_\_\_

**FORT BEND GRAND PARKWAY TOLL ROAD AUTHORITY**

By   
\_\_\_\_\_  
Dr. James D. Condrey  
Chairman, Board of Directors  
Fort Bend Grand Parkway Toll Road Authority

**APPROVED AS TO FORM:**  
General Counsel to the GPTRA  
By 

**THE STATE OF TEXAS**

Executed for the Executive Director and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By \_\_\_\_\_  
James M. Bass  
Executive Director  
Texas Department of Transportation

**KANSAS TURNPIKE AUTHORITY**

By \_\_\_\_\_  
Steve Hewitt  
Chief Executive Officer

**APPROVED AS TO FORM:**  
General Counsel to the KTA

By: \_\_\_\_\_



**OKLAHOMA TURNPIKE AUTHORITY**

By \_\_\_\_\_  
Tim J. Gatz  
Executive Director

**APPROVED AS TO FORM:**  
General Counsel to the OTA

By: \_\_\_\_\_

**ATTACHMENT F**  
**CUSTODIAL SERVICES**

This Attachment F (the "Attachment") is attached to and made a part of that certain Agreement Regarding Interoperability of Toll Systems and Transponders entered into between the North Texas Tollway Authority, the Texas Department of Transportation, Harris County, Texas, the Central Texas Regional Mobility Authority, Fort Bend Grand Parkway Toll Road Authority, the Kansas Turnpike Authority, and the Oklahoma Turnpike Authority, as well as such other parties who may be accepted and bound under the terms of the Agreement as described in Section VII of the Agreement and in **Attachment A** to the Agreement. A capitalized term used, but not defined, in this Attachment shall have the meaning given to that term under the Agreement.

NTTA will provide the following Custodial Services for payments between the Parties and the Connected Entities:

1. Establishment of a deposit account ("Account") for the collection and disbursement of payments between the Parties and the Connected Entities related to invoices generated by Central US IOP Hub or a Connected Hub ("Invoices").
2. On a daily basis, deposit into the Account all receipts of payments from the Parties and the Connected Parties on the Invoices.
3. On a [monthly] basis, disburse to each Party or Connected Entity all payments received on Invoices owed to such Party or Connected Entity.
4. Preparation of accounting records of all transactions made by it relating to the receipt and deposit of funds into, and disbursement of funds from, the Account, and will make such accounting records available for the inspection by any Party, upon three business days' written notice to NTTA, during normal business hours; provided that any records furnished to a Party may be limited to receipts, deposits and disbursements that pertain to such Party and its toll projects.

The Custodial Services provided by NTTA do not include the calculation of the tolls or fees owed between the Parties and the Connected Entities or the preparation of the Invoices.

NTTA shall have no obligation or liability to any Party or Connected Entity with respect to the payment of any Invoice by a Connected Entity or Party, and NTTA shall have no obligation to advance funds for the payment of any Invoice. NTTA shall not have any obligation to fund the Account other than through the deposit of payments on Invoices.

**Exhibit B**

**SECOND AMENDMENT TO  
AGREEMENT REGARDING  
INTEROPERABILITY OF TOLL SYSTEMS AND TRANSPONDERS**

**THIS SECOND AMENDMENT TO AGREEMENT REGARDING INTEROPERABILITY OF TOLL SYSTEMS AND TRANSPONDERS** (this "Amendment") by and between North Texas Tollway Authority, a regional tollway authority, the Texas Department of Transportation, an agency of the State of Texas, Harris County, a body corporate and politic under the laws of the State of Texas, the Central Texas Regional Mobility Authority, a regional mobility authority, Fort Bend Grand Parkway Toll Road Authority, a body corporate and politic under the laws of the State of Texas, the Kansas Turnpike Authority, an instrumentality of the State of Kansas, and the Oklahoma Turnpike Authority, an instrumentality of the State of Oklahoma, is to be effective as of \_\_\_\_\_, 2017 (the "Effective Date"). Capitalized terms used but not defined herein shall have the meanings assigned to such terms in the CUSIOP Agreement (as hereinafter defined).

**RECITALS**

A. The Parties to this Amendment are toll agencies operating in the central United States. They have entered into and are the Parties under that certain Agreement Regarding Interoperability of Toll Systems and Transponders, which was fully executed and effective as to all Parties on March 3, 2017 (such agreement, as amended by that certain First Amendment to Agreement Regarding Interoperability of Toll Systems and Transponders dated of even date with the Effective Date of this Amendment, will be referred to as the "CUSIOP Agreement").

B. Florida's Turnpike Enterprise ("FTE"), a business unit of the Florida Department of Transportation, has entered into agreements with the North Carolina Department of Transportation, North Carolina Turnpike Authority, State Road and Toll Authority of the State of Georgia, Connector 2000 Association, Inc., South Carolina Department of Transportation, and the Florida Department of Transportation (collectively, with FTE, the "Southeast Agencies") for FTE to provide tolling interoperability and process interoperable toll transactions on the Southeast Agencies' respective toll facilities.

C. The Parties and FTE are entering into an Agreement Regarding Interoperability of Toll Systems and Transponders (the "SSIOP"), which pertains to the interoperability of toll transactions incurred on toll facilities operated by the Parties and toll facilities operated by the Southeast Agencies.

D. To coordinate their rights and obligations under CUSIOP Agreement with the terms of the SSIOP and make such other revisions to the CUSIOP Agreement as are set forth in this Amendment, the Parties desire to amend the CUSIOP Agreement as follows:

**AGREEMENT**

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which each Party hereby acknowledges, the Parties agree as follows:

**1. Additional Parties Must Enter into SSIOP**

As noted above, each Party to the CUSIOP Agreement will also be a party to the SSIOP Agreement. To ensure continued interoperability of toll transactions among the Parties to the



CUSIOP Agreement and the Southeast Agencies under the SSIOP Agreement, the Parties to the CUSIOP Agreement intend that any additional Party to the CUSIOP Agreement must also enter into the SSIOP as a "Central Party," as such term is defined in the SSIOP Agreement. A copy of the SSIOP Agreement and all amendments thereto, if any, will be provided to any potential additional Party to the CUSIOP Agreement.

**2. Addition of Section II.A.4**

The following is added to and made a part of the CUSIOP Agreement as a new subsection II.A.4:

4. Payment of Tolls. When a Party on whose toll facility a toll is incurred (a "Visited Agency") determines through a transponder or license plate that the vehicle incurring the toll is associated with an account maintained with another Party (the "Home Agency") and that the transponder is valid on the tag validation list that is active at the time of the transaction and the Home Agency receives the transaction within 10 days of the transaction date, the Home Agency will owe the applicable toll to the Visited Agency, and the Home Agency will forward the toll payment to the Visited Agency, regardless of whether the patron's account with the Home Agency contains adequate funds to pay the toll. If the Home Agency receives a transaction more than ten days but fewer than or equal to sixty (60) days from the transaction date, the transaction will be paid by the Home Agency subject to the availability of funds in the account.

**3. Addition of Section XIV**

The following is added to the CUSIOP Agreement as a new Section XIV:

**XIV. USE OF LICENSE PLATE INFORMATION.**

If the exchange of motor vehicle registration or license plate information is ever used to carry out a Party's rights or obligations under this Agreement, such information shall not be used for any purpose other than (1) toll collection and toll collection enforcement; and (2) law enforcement purposes on request by a law enforcement agency.

**4. Trademark License Agreement**

The form of Trademark License Agreement attached to this Amendment as Attachment 2 is hereby added to and made a part of the CUSIOP Agreement as a supplement to, but not replacement of, Attachment B to the CUSIOP Agreement. The attached form of Trademark License Agreement shall be deemed added to the CUSIOP Agreement immediately before the Parties' logos that begin on page 2 of Attachment B to the CUSIOP Agreement. Each Party agrees to execute the Trademark License Agreement in the form attached hereto at the same time that it executes this Amendment. Section XIII of the CUSIOP Agreement is modified to be consistent with this section of this Amendment.

**5. Correction of URL – Attachment E, Section 2(b)**

Section 2(b) of Attachment E to the CUSIOP Agreement superseded in its entirety and replaced with the following:

(b) All Other Parties. Each Party other than NTTA and KTA (and OTA) shall include a conspicuous notation on its customers' statements of toll charges that contain charges for OTA transactions, as follows:

Travel on the Oklahoma Turnpike System may include "System Match" and/or "System Reclassification" transactions, which may result in incorrect toll charges. For additional information on these types of transactions, including how to determine whether your statement includes such transactions, please visit PIKEPASS FAQs at <https://www.pikepass.com/pikepass/Faqs.aspx>

## 6. Miscellaneous

(a) Ratification. The Parties acknowledge, ratify and affirm the provisions of the CUSIOP Agreement not specifically amended by this Amendment as if such provisions were expressly set forth herein. The CUSIOP Agreement, as amended by this Amendment, is fully valid, binding and enforceable in accordance with its terms.

(b) Entire Agreement. The CUSIOP Agreement, as amended by this Amendment, constitutes the entire agreement between the Parties with respect to the subject matter hereof. There are no representations, understandings or agreements relative hereto which are not fully expressed in the CUSIOP Agreement, as amended hereby.

(c) No Default. The Parties acknowledge that there is no default under the CUSIOP Agreement, as amended by this Amendment, nor is there any condition or event which with the passage of time or the giving of notice would constitute a default by a Party.

(d) Sole Benefit. This Amendment is entered into for the sole benefit of the Parties and their respective successors, and nothing in this Amendment or in any approval subsequently provided by a Party shall be construed as giving any benefits, rights, remedies or claims to any other person or other entity, including, without limitation, the public in general.

(e) Authorization. Each Party represents to the others that it is fully authorized to enter into this Amendment and to perform its obligations hereunder, and that no waiver, consent, approval, or authorization from any third party is required to be obtained or made in connection with the execution, delivery or performance of this Amendment. Each signatory on behalf of a Party represents that he or she is fully authorized to bind that entity to the terms of this Agreement.

(f) Interpretation. No provision of this Amendment shall be construed against or interpreted to the disadvantage of any party by any court, other governmental or judicial authority, or arbitrator by reason of such party having or being deemed to have drafted, prepared, structured or dictated such provision.

(g) Counterparts. This Amendment may be executed in several counterparts, each of which shall be deemed an original, and all such counterparts shall constitute one single agreement between the Parties.

(h) Headings. The article and section headings used in this Amendment are for reference and convenience only, and shall have no bearing on the interpretation hereof.

**[SIGNATURE PAGES FOLLOW]**

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the date first set both above.

**NORTH TEXAS TOLLWAY AUTHORITY**

By \_\_\_\_\_  
Gerald Carrigan  
Executive Director / CEO  
North Texas Tollway Authority

**ATTEST:**

By \_\_\_\_\_  
Lorelei Griffith, Secretary

**HARRIS COUNTY**

By \_\_\_\_\_  
Ed Emmett  
County Judge

**APPROVED AS TO FORM:**  
Vince Ryan, County Attorney

By: \_\_\_\_\_  
Nick Turner  
Assistant County Attorney

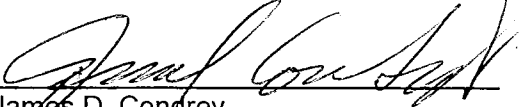
**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

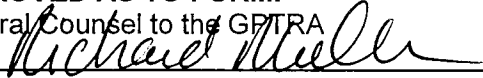
By \_\_\_\_\_  
Mike Heiligenstein  
Executive Director  
Central Texas Regional Mobility Authority

**APPROVED AS TO FORM:**  
General Counsel to the CTRMA

By \_\_\_\_\_

**FORT BEND GRAND PARKWAY TOLL ROAD AUTHORITY**

By   
Dr. James D. Condre  
Chairman, Board of Directors  
Fort Bend Grand Parkway Toll Road Authority

**APPROVED AS TO FORM:**  
General Counsel to the GPTRA  
By 

**THE STATE OF TEXAS**

Executed for the Executive Director and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By \_\_\_\_\_  
James M. Bass  
Executive Director  
Texas Department of Transportation

**KANSAS TURNPIKE AUTHORITY**

By \_\_\_\_\_  
Steve Hewitt  
Chief Executive Officer

**APPROVED AS TO FORM:**  
General Counsel to the KTA

By: \_\_\_\_\_

**OKLAHOMA TURNPIKE AUTHORITY**

By

\_\_\_\_\_  
Tim J. Gatz  
Executive Director

**APPROVED AS TO FORM:**  
General Counsel to the OTA

By: \_\_\_\_\_



## ATTACHMENT 2

### TRADEMARK LICENSE AGREEMENT

THIS TRADEMARK LICENSE AGREEMENT ("Agreement") is made by and among the parties that have executed the agreement on the signature pages hereof (each, a "Party" and collectively, the "Parties") to be effective as between any two or more Parties as provided in Section 8.H, below.

#### RECITALS

WHEREAS, each Party is the owner of valid and subsisting rights in the trademark and logo depicted under that Party's name on Exhibit A attached hereto and made a part of this Agreement and federal registrations therefor (each being referred to in this Agreement as the applicable Licensor's "Mark"), for use as an identifier of that Party's transponders and transponder technology and as an identifier for electronic toll collection services in the United States; and

WHEREAS, each Party desires to obtain from each of the other Parties a fully paid, royalty-free, nonexclusive, non-transferable license to use each other's Mark in connection with interoperable electronic toll collection services ("Licensed Services") among the Parties pursuant to that certain Agreement Regarding Interoperability of Toll Systems and Transponders entered into between certain of the Parties and under which the remaining Parties are third-party obligors and beneficiaries (the "Interoperability Agreement"); and

WHEREAS, under this Agreement, a Party that is granting rights to another Party to use the first Party's Mark shall be referred to as a "Licensor," and each Party that is receiving rights to use a Licensor's Mark shall be referred to as a "Licensee"; and

WHEREAS, each Licensor is willing to grant each Licensee a fully paid, royalty free, non-exclusive, non-transferable, perpetual license to use the Licensor's Mark in connection with Licensed Services upon the terms and conditions set forth herein.

#### AGREEMENT

NOW, THEREFORE, in consideration of the mutual promises contained in this Agreement and other good and valuable consideration, the receipt and sufficiency of which are acknowledged and accepted by the Parties to this Agreement, the Parties agree as follows:

##### 1. Ownership.

A. Each Licensor agrees that it is the rightful owner of its Mark and the goodwill pertaining thereto for use in providing electronic toll collection services in the United States.

B. Each Licensee agrees that ownership of a Licensor's Mark and the goodwill pertaining thereto shall remain vested in the Licensor that owns the Mark and further agrees never to challenge, contest or question the validity of such Licensor's ownership of the Licensor's Mark or any applications for registration or registrations thereof.

C. Each Licensee agrees that it will take no action inconsistent with a Licensor's ownership of such Licensor's Mark and that all use of any Licensor's Mark by a Party in its capacity as a Licensee shall inure to the benefit of the Licensor that owns such Mark.

D. Each Party agrees not to challenge, contest or question the validity of this Agreement and not to assist others in doing so.

2. Grant.

A. Each Party, as Licensor, hereby grants to each other Party, as Licensee, a fully paid, royalty free, non-exclusive, non-transferable, license to use the Licensor's Mark for so long as the Licensee is a party to or third-party beneficiary under the Interoperability Agreement; such license shall be used by a Licensor solely in connection with interoperable toll transactions governed by the Interoperability Agreement. Upon the termination or expiration of the Interoperability Agreement, all licenses granted hereunder shall terminate automatically. Upon a Party's withdrawal from the Interoperability Agreement or the termination of a Party's rights under the Interoperability Agreement, the license granted hereunder to that Party shall terminate automatically.

B. Each Licensee agrees that it has no right to use any other Party's Mark except as permitted under this Agreement.

C. Each Licensee agrees to use the Mark in a manner that is consistent with the guidelines attached hereto as Exhibit B ("Guidelines").

3. Quality Control.

A. Each Licensee will maintain a prudent level of quality in Licensed Services offered under the Mark.

B. Each Licensee acknowledges and agrees that each Licensor's reliance upon a Licensee's established quality control practices, reputation and expertise in the conduct of its business prior to the Effective Date, and such Licensee's agreement to maintain the level of quality in offering Licensed Services required under, and otherwise to fully comply with, the Guidelines, is a reasonable means of ensuring the quality of Licensee's services bearing the Mark.

C. For so long as a Licensee continues to maintain service quality as set forth above, as monitored by Licensor from the inspection of Licensed Services appearing in the marketplace, no additional controls shall be deemed necessary; provided, however, that Licensee agrees to comply with the Guidelines and all laws and regulations applicable to Licensee in offering the Licensed Services.

4. Independent Parties.

A. All Parties agree that this Agreement does not create a fiduciary relationship between them and that nothing in this Agreement is intended to make any Party an agent, legal representative, subsidiary, joint venturer, partner, employee or servant of any other Party for any purpose whatsoever.

B. No Party is authorized by this Agreement to make any contract, agreement, warranty or representation, or to create any obligation, express or implied, on behalf of another Party by virtue of the Licensor/Licensee relationship between any two Parties, and no Party shall either represent that it has the right so to act or do so.

C. Each Licensee agrees that it:

(1) is wholly responsible for, and no Licensor will have liability for, Licensed Services offered by such Licensee under another Party's Mark, and

(2) will be responsible for the actions of its employees, agents, or servants in its use of the other Parties' Marks or in offering Licensed Services under such Marks.

D. Each Licensor shall have the independent right to take any action it may deem necessary, in its sole discretion, to protect and defend itself against any threatened action arising out of a Licensee's use of the Licensor's Mark or Licensed Services offered under that Mark.

5. Policing of the Mark and Infringement.

If a Party is named as defendant in any action arising out of its use of another Party's Mark in connection with Licensed Services, such Party agrees to immediately notify the Licensor of the Mark in question. The Licensor of that Mark shall have the right, but not the obligation, to intervene in any such action and control and direct the defense thereof at such Licensor's expense.

6. Term.

The term of this Agreement shall be continue for so long as the Interoperability Agreement remains in effect; provided, however, the Licenses granted hereunder and the licensed rights of any particular Licensee with respect to a Mark shall terminate if (a) the Licensee withdraws from the Interoperability Agreement or its rights under the Interoperability Agreement are terminated, (b) the Licensee ceases to do business, or (c) the Licensee fails to abide by the terms of this Agreement and the Guidelines, provided that in such event, the Licensee shall have thirty (30) days after receipt of written notice from a Licensor of any such failure in which to correct or cure any such failure.

7. Assignment and Sublicense.

A Licensee may not assign, transfer, or sublicense any of the rights granted herein without the prior written consent of Licensor.

8. Miscellaneous.

A. The captions used in this Agreement are for convenience only and do not limit or amplify the provisions of this Agreement.

B. One or more waivers of any covenant, term, or condition of this Agreement by the Parties to this Agreement will not be construed as a waiver of a subsequent breach of the same or any other covenant, term, or condition. No implication or rule of construction may be utilized based upon the identity of the Party drafting this Agreement.

C. This Agreement constitutes the entire agreement between the Parties with respect to the subject matter contained therein, and no agreement will be effective to change, modify, or terminate this Agreement in whole or in part unless such agreement is in writing and duly signed by the Party against whom enforcement of such change, modification, or termination is sought.

D. If any provision of this Agreement is held to be invalid or unenforceable, the validity and enforceability of the remaining provisions of this Agreement will not be affected.

E. The terms, provision, and covenants contained in this Agreement will inure to the benefit of and be binding upon the Parties, and their respective successors, permitted assigns, and legal representatives.

F. All notices and other communications from one party to the others shall be addressed to the parties at the addresses given in the Interoperability Agreement, as they may be amended from time to time in accordance with the Interoperability Agreement.

G. Each Party acknowledges that the person executing this Agreement on its behalf is duly authorized and empowered to execute this Agreement as a binding and enforceable act of such Party.

H. Upon the execution of this Agreement by any two or more Parties this Agreement shall be deemed fully effective and operative with respect to those Parties.

IN WITNESS WHEREOF, the Parties to this Agreement have executed this Agreement by their duly authorized representatives to be effective as of the Effective Date set forth above.

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**NORTH TEXAS TOLLWAY AUTHORITY**

Date of execution:

\_\_\_\_\_

By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_

---

**HARRIS COUNTY**

Date of execution:

\_\_\_\_\_

By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_

---

**CENTRAL TEXAS REGIONAL MOBILITY  
AUTHORITY**

Date of execution:

\_\_\_\_\_

By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_

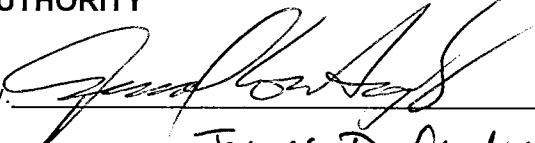
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**FORT BEND GRAND PARKWAY TOLL ROAD  
AUTHORITY**

Date of execution:

\_\_\_\_\_

6/21/2017

By:  \_\_\_\_\_

Print name: James D. Cendrey, DDS

Print title: Chairman

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**THE STATE OF TEXAS**

Date of execution:

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By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_

---

**KANSAS TURNPIKE AUTHORITY**

Date of execution:

---

By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_

---

**OKLAHOMA TURNPIKE AUTHORITY**

Date of execution:

---

By: \_\_\_\_\_

Print name: \_\_\_\_\_

Print title: \_\_\_\_\_



## **EXHIBIT A**

### **GUIDELINES**

Refer to Attachment B of the Agreement Regarding Interoperability of Toll Systems and Transponders for logos.

## EXHIBIT B

### GUIDELINES

These Guidelines are a part of that certain Trademark License Agreement to which they are attached. Any term used in these Guidelines that is not expressly defined in these Guidelines has the meaning given to the term in the Trademark License Agreement.

- The registration symbol ® should be used with each Mark (whether a trademark [*e.g.*, “TxTag®”] or a logo [*e.g.*, ®]) at least once on any document, either in the most prominent place on the document or in the first place that the Mark appears.
  - In marketing materials, it is preferred that the registration symbol be used on each page of the document (particularly if it could stand alone)
- A Mark cannot be used by itself, with or without the registration symbol, as a noun or product
- If use of a trademark (*e.g.*, “TxTag”) by itself (as a noun) is critical or significant to the message presented, then the logo or a tag graphic can be use in place of the trademark
- The trademark must be used as an adjective, and not a noun, and can be used as an adjective with the products and services that Licensee will offer; *e.g.*, TxTag® tag, TxTag® stickers, TxTag® Customer Service Center, TxTag® Program, etc.
- The trademark should not be used in the plural or possessive forms (*e.g.*, “TxTags” or “TxTag’s”)
- The following statement must be included in documents or visual media referencing a Mark:
  - *e.g.*, TxTag and the TxTag logo are federally registered trademarks of the Texas Department of Transportation.
- The following statement must be recorded in any audio media referencing a mark:
  - [Mark] is a federally registered trademark of [the Mark’s Licensor].

**GENERAL MEETING OF THE BOARD OF DIRECTORS  
OF THE  
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

**RESOLUTION NO. 17-053**

**APPROVE SUPPLEMENT NO. 1 TO WORK AUTHORIZATION NO. 10 WITH  
KAPSCH TRAFFIC COM FOR SYSTEM INTEGRATION SERVICES ON THE  
MOPAC IMPROVEMENT PROJECT**

WHEREAS, by Resolution No. 14-003, dated January 29, 2014, the Board of Directors approved Work Authorization No. 10 with Kapsch TrafficCom for the design, development, testing, and integration of a dynamic tolling system for the MoPac Improvement Project; and

WHEREAS, the Executive Director has determined that an Advanced Control System to provide fire suppression and flood detection monitoring, and to control access to the northbound and southbound Cesar Chavez access ramps in the event of a fire or water event would be beneficial to the MoPac Improvement Project; and

WHEREAS, the Executive Director has determined that Kapsch TrafficCom is due additional compensation for work associated with the phased opening approach on the MoPac Improvement Project; and

WHEREAS, the Executive Director and Kapsch TrafficCom have negotiated draft Supplement No. 1 to Work Authorization No. 10 in an amount not to exceed \$769,558.18 to provide the Advanced Control System and additional compensation; and

WHEREAS, the Executive Director recommends that the Board authorize him to finalize and execute Supplement No. 1 to Work Authorization No. 10 in the form or substantially the same form as attached hereto as Exhibit A.

NOW THEREFORE, BE IT RESOLVED that the Board of Directors authorizes and directs the Executive Director to finalize and execute Supplement No. 1 to Work Authorization No. 10 in an amount not to exceed \$769,558.18 and in the form or substantially the same form as attached hereto as Exhibit A.

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 6<sup>th</sup> day of September 2017.

Submitted and reviewed by:

  
\_\_\_\_\_  
Geoffrey Petrov, General Counsel

Approved:

  
\_\_\_\_\_  
Ray A. Wilkerson  
Chairman, Board of Directors

**Exhibit A**

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

\*\*\*\*\*

**SUPPLEMENTAL WORK AUTHORIZATION NO. 1  
TO WORK AUTHORIZATION NO. 10**

**TOLL COLLECTION AND INTELLIGENT TRANSPORTATION  
SYSTEMS IMPLEMENTATION  
MoPac Improvement Project**

**THIS SUPPLEMENTAL WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 1 of the GENERAL PROVISIONS, Attachment A to the original Contract for Toll System Implementation, dated April 27, 2005 (the Contract) entered into by and between the Central Texas Regional Mobility Authority (the “Mobility Authority”), and Kapsch TrafficCOM, formerly known as Schneider Electric (the Contractor).

The following terms and conditions of Work Authorization No. 10 are hereby amended as follows:

Supplemental Work Authorization No. 1 is not to exceed \$769,558.18. The components of the work are as follows:

- To support the CTRMA’s request for fire suppression and flood detection monitoring, Kapsch proposes an Advanced Control System to monitor and control access to the northbound and southbound Cesar Chavez access ramps. The Advanced Control System features a Lane Control Signal that will indicate whether the under crossings are OPEN (↑) or CLOSED (X); an alpha-numeric display that reads “CLOSED” when the under crossings are inaccessible; dedicated video cameras to allow operators to monitor for incidents in real time; and sensors to monitor water levels in the under crossings. The Advanced Control System will also have software that allows operators to monitor remotely and initiate planned responses. The total amount for this work is \$251,327.14.
- Additionally, proposed to the CTRMA under this supplemental is extended contract management, coordination with contractor and staff; subcontractor management; Express Lane operations staff; operating monitoring and support; as well as equipment storage and insurance resulting from the interim opening in October 2016 of the northbound section of MoPac Express Lanes from 2222 to Parmer Lane. The total amount for this work is not to exceed \$518,231.04.

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 10 hereby amended are to remain in full force and effect.



**IN WITNESS WHEREOF**, this Work Authorization No. 10 is executed in duplicate counterparts and hereby accepted and acknowledged below.

**THE CONTRACTOR:**

---

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

Typed/Printed Name and Title \_\_\_\_\_

**CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

Executed for and approved by the Central Texas Regional Mobility Authority for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

---

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

Typed/Printed Name and Title \_\_\_\_\_