



Central Texas Regional
Mobility Authority

AGENDA ITEM #5 SUMMARY

Approve a change order with Webber LLC to add a Shared-Use Path Gap Project to 183A Phase II Project.

Approve a change order with Webber LLC to add a Shared-Use Path Gap Project to 183A Phase II Project.

Department: Engineering

Associated Costs: Not to exceed \$918,876.92

Funding Source: Construction Fund

Board Action Required: YES

Description of Matter:

CTRMA requested that Webber, LLC, Contractor for the 183A North Extension Project, prepare and submit a Proposed Change Order to construct an additional section of the Shared-Use Path within the limits of the existing contract that connects the 183A Shared-Use Path Phase I to Phase II. Webber has submitted the proposed Changer Order No. 18 to accomplish the requested additional work on the 183A North Extension Project. Board approval of this Change Order is necessary since the price exceeds the Executive Director's signatory authority.

Attached documentation for reference:

Draft Resolution

Proposed Change Order No. 18

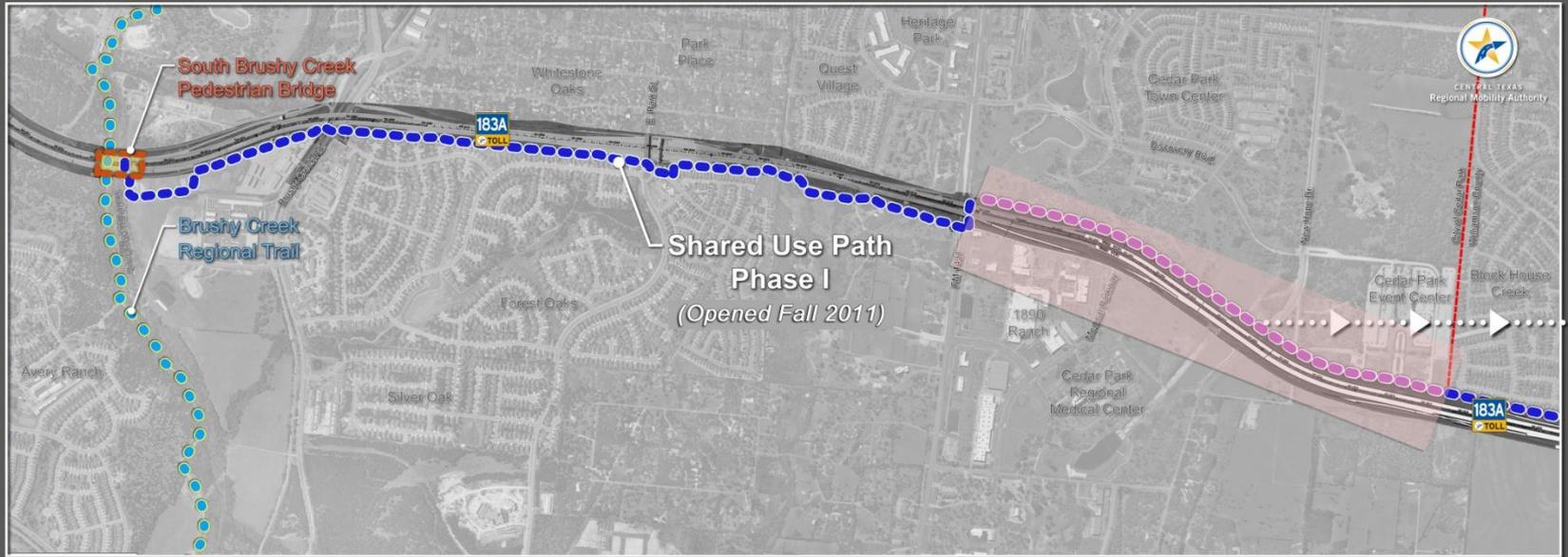
Contact for further information:

Wesley M. Burford, P.E., Director of Engineering

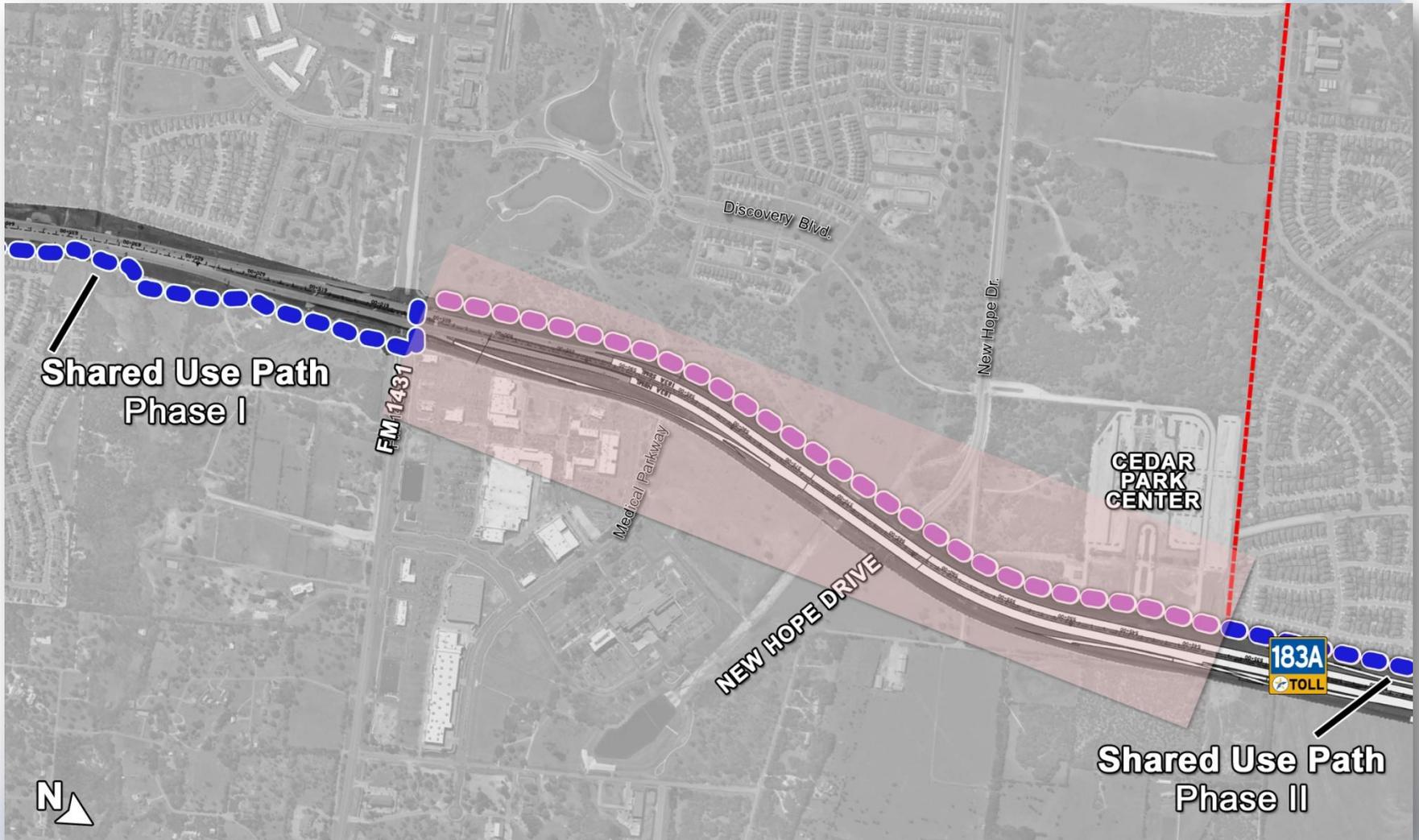
Shared Use Path – Full Map



183A - SHARED USE PATH



Shared Use Path Gap Project



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

RESOLUTION NO. 11-___

**APPROVE A CHANGE ORDER WITH WEBBER LLC TO ADD A SHARED-USE
PATH GAP PROJECT TO THE 183A PHASE II PROJECT.**

WHEREAS, by Resolution No. 09-81, dated December 17, 2009, the Board of Directors awarded a construction contract for the 183A Phase II Project (the "Project") to W.W. Webber LLC ("Webber"), and authorized and directed the Executive Director to finalize and execute a contract with Webber for provision of those services; and

WHEREAS, Contract No. 10183A24601C for construction of the Project (the "Contract") was fully executed by CTRMA and Webber and became effective on February 1, 2010; and

WHEREAS, CTRMA staff and its general engineering consultant have requested that Webber prepare and submit a proposal to connect a gap between the 183A Phase I shared use path and the Phase II shared use path for the Project; and

WHEREAS, because the additional cost of Change Order No. 18 exceeds \$150,000.00, the Board of Directors must approve this proposed change order.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves the proposed Change Order No. 18 for an additional amount not to exceed \$918,876.92, in the form or substantially the same form attached as Attachment "A;" and

BE IT FURTHER RESOLVED, that Change Order No. 18 may be finalized and executed by the Executive Director on behalf of CTRMA in the form or substantially the same form attached as Attachment "A."

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 26th day of October, 2011.

Submitted and reviewed by:

Approved:

Andrew Martin
General Counsel for the Central
Texas Regional Mobility Authority

Ray A. Wilkerson
Chairman, Board of Directors
Resolution Number: 11-___
Date Passed: 10/26/11

ATTACHMENT "A" TO RESOLUTION 11-
PROPOSED CHANGE ORDER NO. 18 WITH WEBBER LLC

[on the following 7 pages]



Central Texas Regional
Mobility Authority

CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY

CHANGE ORDER NUMBER: 18

1. CONTRACTOR: Webber LLC

2. Change Order Work Limits: SUP GAP Sta 322+19.27 to SUP GAP Sta 394+04.49
SUP Phil Sta 337+00 SUP Phil Sta 601+00

3. Type of Change(on federal-aid non-exempt projects): N/A (Major/Minor)

4. Reasons: 3F (In order of importance - Primary first)

5. Describe the work being revised:

5a. Construction of Shared Use Path 183A Phase II GAP STA 322+19.27 to STA 394+04.49

5b. SUP Design Criteria Updates (Plan Revision #41)

Project Name	<u>183A Phase II</u>
Contract Name	<u>183A Phase II</u>
Contract Award Date	<u>December 21, 2009</u>
Contract Number	<u>10183A24601C</u>

6. Work to be performed in accordance with Items: as noted in Table B attached

7. New or revised plan sheet(s) are attached and numbered: As provided via eBuilder Change Request #8 (5a), RFI #91 (5a), Transmittal #171 (5b)

8. New general notes to the contract are attached: Yes No

9. New Special Provisions to Items N/A No. N/A and Special Specification Items 1093 are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change.

The following information must be provided

THE CONTRACTOR

Date 10/17/11

By [Signature]

Typed/Printed Name Ivan Svec

Typed/Printed Title Area Manager

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$918,876.92

For CTRMA use only:

Original Contract Amount \$75,792,413.92

Previous Change Orders #01 - #17 \$25,529.19

Amount added by this change order: \$918,876.92

Revised contract amount to-date: \$76,736,820.03

RECOMMENDED FOR EXECUTION:

[Signature] 10/17/11
HNTB GEC Project Manager Date

[Signature] 10/17/11
HNTB GEC Construction Manager Date

C. SILICH FOR M. EBELING

[Signature] 10-17-11
CTRMA, Director of Engineering Date

APPROVED REQUEST APPROVAL

[Signature] 10/17/11
CTRMA, General Counsel Date

APPROVED REQUEST APPROVAL

CTRMA, Executive Director Date

APPROVED REQUEST APPROVAL

GENERAL PRICING BREAKDOWN
183A Phase II Project

CHANGE ORDER NUMBER: 18

TABLE B: Contract Items

EXTRA WORK ITEM	REASON CODE	DESCRIPTION	UNIT	ORIGINAL + PREVIOUSLY REVISED				NEW				OVER/UNDERRUN	
				QUANTITY	UNIT PRICE	ITEM COST	QUANTITY	UNIT PRICE	ITEM COST				
CONSTRUCTION OF SHARED USE PATH STA 322+19.27 TO STA 394+04.49 AND SUP DESIGN CRITERIA UPDATES													
100-2002	3F	PREPARING ROW FOR SHARED USE PATH	STA				71.85	\$	2,100.00		\$150,885.00	\$150,885.00	
118-2001	3F	EXCAVATION (ROADWAY)	CY	699,896.00	\$4.30	\$2,966,244.80	692,136.00	\$4.30	\$2,976,184.80		\$9,890.00	\$9,890.00	
132-2001	3F	EMBANKMENT (FINAL/ORD COMP)(TY A)	CY	9,060.00	\$0.77	\$6,976.20	12,180.00	\$0.77	\$9,363.20		\$2,387.00	\$2,387.00	
161-2002	3F	COMPOST MANUP TOPSOIL (4")	SY	353,488.00	\$0.78	\$275,720.64	365,085.00	\$0.78	\$283,266.30		\$14,553.66	\$14,553.66	
162-2002	3F	BLOCK SODDING (BUFFALO/BERMUDA)	SY		\$0.10	\$	2,912.00	\$	4.51		\$13,118.56	\$13,118.56	
164-2029	3F	BROADCAST SEED (PERMANENT URBAN) (CLAY)	SY	16,227.00	\$0.10	\$1,622.70	25,912.00	\$0.10	\$2,591.20		\$9,684.40	\$9,684.40	
164-2029	3F	CELL FIBER MESH SEED(TEMP/PERMANENT)	SY	168,631.00	\$0.20	\$33,726.20	178,228.00	\$0.20	\$35,645.60		\$1,919.40	\$1,919.40	
166-2001	3F	CELL FIBER MESH SEED(TEMP/PERMANENT)	SY	169,631.00	\$0.20	\$33,926.20	178,228.00	\$0.20	\$35,645.60		\$1,719.40	\$1,719.40	
169-2001	3F	VEGETATIVE WATERING	MG	10,126.30	\$1.40	\$14,176.82	10,588.30	\$1.40	\$14,823.62		\$646.80	\$646.80	
169-2001	3F	SOIL RETENTION BLANKETS (CL 1) (TY C)	SY	2,657.00	\$0.95	\$2,524.15	4,185.00	\$0.95	\$3,975.75		\$1,451.60	\$1,451.60	
247-2122	3F	FL BS (ROW) DEL (TY A GR 2)	SY	18,121.00	\$3.27	\$59,543.67	28,492.00	\$3.27	\$93,070.74		\$30,545.07	\$30,545.07	
402-2001	3F	TRENCH EXCAVATION PROTECTION	LF	31,895.00	\$1.00	\$31,895.00	32,076.00	\$1.00	\$32,076.00		\$180.00	\$180.00	
420-2007	3F	CL C CONC (CULV)	CY	25.0	\$684.40	\$17,110.00	26.0	\$684.40	\$17,794.40		\$684.40	\$684.40	
423-2001	3F	RETAINING WALL (MSE)	SF	259,887.00	\$26.26	\$6,804,562.62	259,834.00	\$26.26	\$6,804,062.84		\$50.72	\$50.72	
423-2006	3F	RETAINING WALL (CB)	SF	5,924.00	\$20.65	\$121,570.60	2,700.00	\$20.65	\$55,755.00		\$65,815.60	\$65,815.60	
432-2001	3F	RIPRAP CONCRETE (4")	CY	27.3	\$283.62	\$7,742.83	105.3	\$283.62	\$29,865.19		\$22,122.36	\$22,122.36	
432-2050	3F	RIPRAP (CONC) (CL BHS IN)	CY		\$	\$	40.10	\$	\$13,814.45		\$13,814.45	\$13,814.45	
432-2033	3F	RIPRAP (STONE COMMON) (DRY) (12 IN)	CY		\$	\$	55.00	\$	\$1,749.00		\$1,749.00	\$1,749.00	
450-2072	3F	RAIL (HANDRAIL) (TY ARMOR)	LF		\$	\$	71.00	\$	\$7,224.96		\$7,224.96	\$7,224.96	
450-2073	3F	RAIL (HANDRAIL) (TY BHM)	LF		\$	\$	124.21	\$	\$71,666.29		\$71,666.29	\$71,666.29	
459-2077	3F	PEDESTRIAN HANDRAIL	LF	606.0	\$128.67	\$77,974.02	837.00	\$128.67	\$107,066.59		\$29,092.57	\$29,092.57	
462-2003	3F	CONC BOX CULV (4 FT X 2 FT)	LF	2,976.00	\$340.00	\$1,011,840.00	3,120.00	\$340.00	\$1,068,000.00		\$46,160.00	\$46,160.00	
464-2003	3F	RC PIPE (CL 1)(18 IN)	LF	12,392.00	\$36.00	\$446,112.00	12,439.00	\$36.00	\$447,804.00		\$1,692.00	\$1,692.00	
464-2005	3F	RC PIPE (CL 1)(24 IN)	LF	5,791.00	\$44.00	\$254,804.00	6,102.00	\$44.00	\$268,488.00		\$13,684.00	\$13,684.00	
464-2009	3F	RC PIPE (CL 1)(36 IN)	LF	2,786.00	\$80.00	\$222,880.00	2,814.00	\$80.00	\$225,120.00		\$2,240.00	\$2,240.00	
464-2010	3F	RC PIPE (CL 1)(42 IN)	LF	2,886.00	\$95.00	\$274,170.00	2,966.00	\$95.00	\$281,770.00		\$7,600.00	\$7,600.00	
465-2003	3F	INLET (TY H) (GRATE)	EA		\$	\$	1.00	\$	\$6,890.00		\$6,890.00	\$6,890.00	
465-2049	3F	WINGWALL (PWP) (HW=6 FT)	EA		\$	\$	2.00	\$	\$9,508.20		\$19,016.40	\$19,016.40	
467-2154	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(C)	EA	0.0	\$0.00	\$	2.0	\$	\$2,750.00		\$5,500.00	\$5,500.00	
467-2201	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(P)	EA		\$	\$	1.00	\$	\$7,314.00		\$7,314.00	\$7,314.00	
467-2211	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(C)	EA		\$	\$	2.00	\$	\$1,802.00		\$3,604.00	\$3,604.00	
467-2222	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(C)	EA	37.0	\$910.00	\$33,670.00	42.0	\$910.00	\$38,220.00		\$4,550.00	\$4,550.00	
467-2236	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(C)	EA	5.0	\$1,730.00	\$8,650.00	11.0	\$1,730.00	\$19,030.00		\$10,380.00	\$10,380.00	
467-2240	3F	SET (TY) (S=4 FT) (HW=3 FT) (S=1)(P)	EA	1.0	\$2,230.00	\$2,230.00	3.0	\$2,230.00	\$6,690.00		\$4,460.00	\$4,460.00	
472-2003	3F	REMOVE & RELAY PIPE (10 IN)	LF	0.0	\$0.00	\$	28.0	\$	\$700.00		\$700.00	\$700.00	
472-2005	3F	REMOVE & RELAY PIPE (24 IN)	LF	0.0	\$0.00	\$	20.0	\$	\$560.00		\$560.00	\$560.00	
476-2002	3F	ADJ. INLETS	EA	0.0	\$0.00	\$	2.0	\$	\$1,840.00		\$3,680.00	\$3,680.00	
476-2004	3F	REMOVE STR (SET)	EA	0.0	\$0.00	\$	15.0	\$	\$372.00		\$4,836.00	\$4,836.00	
500	3F	MOBILIZATION	LS		\$	\$	1.00	\$	\$9,000.00		\$9,000.00	\$9,000.00	
506-2002	3F	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	1,659.00	\$14.80	\$24,553.20	2,024.00	\$14.80	\$29,955.20		\$5,402.00	\$5,402.00	
506-2009	3F	ROCK FILTER DAMS (REMOVE)	LF	2,172.00	\$6.50	\$14,118.00	2,537.00	\$6.50	\$16,490.50		\$2,372.50	\$2,372.50	
506-2024	3F	TEMPORARY SEDIMENT CONTROL FENCE	LF	26,642.00	\$1.65	\$43,959.30	31,987.00	\$1.65	\$52,778.55		\$8,819.25	\$8,819.25	
529-2004	3F	CONC CURB & GUTTER (TY II)	SY	33,196.00	\$9.41	\$312,374.36	33,254.00	\$9.41	\$312,920.14		\$545.78	\$545.78	
530-2010	3F	DRIVEWAYS (CONC)	SY	719.00	\$38.66	\$27,793.54	837.00	\$38.66	\$32,358.42		\$4,564.88	\$4,564.88	
531-2005	3F	CURB RAMPS (TY 1)	EA	8.00	\$950.00	\$7,600.00	13.00	\$950.00	\$12,350.00		\$4,750.00	\$4,750.00	
531-2010	3F	CURB RAMPS (TY 2)	EA		\$	\$	8.00	\$	\$23,320.00		\$18,640.00	\$18,640.00	
531-2015	3F	CONC SIDEWALK (4")	SY	15,896.00	\$31.61	\$502,472.56	24,006.00	\$31.61	\$758,823.60		\$263,351.04	\$263,351.04	
532	3F	WIRE FENCE (TY A) (REMOVE AND RESET)	LF		\$	\$	3,600.00	\$	\$		\$14,310.00	\$14,310.00	
532-2001	3F	WIRE FENCE (TY A)	LF		\$	\$	200.00	\$	\$		\$1,113.00	\$1,113.00	
538-2001	3F	ALUMINUM SIGNS (TY A)	SF	394.40	\$15.00	\$5,916.00	403.40	\$15.00	\$6,051.00		\$1,135.00	\$1,135.00	
644-2001	3F	INS. SHT RD SN SUP&AM TY 10BWG(1) SA(P)	EA	92.00	\$606.00	\$55,752.00	96.00	\$606.00	\$58,176.00		\$2,424.00	\$2,424.00	
644-2056	3F	RELOCATE SIM RD SN SUP&AM TY 10BWG(1) SA(P)	EA	14.00	\$490.00	\$6,860.00	18.00	\$490.00	\$8,820.00		\$1,960.00	\$1,960.00	
682-2044	3F	PEDESTAL SIGN (TY 1) (2 IN DIAM IN 1 SEC)	EA		\$	\$	1.00	\$	\$593.60		\$593.60	\$593.60	
682-2001	3F	PEDESTAL SIGN (TY 2) (2 IN DIAM IN 1 SEC)	EA	7.00	\$990.00	\$6,930.00	8.00	\$990.00	\$7,920.00		\$990.00	\$990.00	
688-2001	3F	PED DETECT (2 IN PUSH BUTTON)	EA	16.00	\$163.00	\$2,608.00	17.00	\$163.00	\$2,771.00		\$157.00	\$157.00	
1032-2001	3F	FIXED BOLLARDS	EA		\$	\$	624.00	\$	\$		\$1,157.32	\$1,157.32	
501-2038	3F	12-IN DIA SDR 26 PVC WASTEWATER PIPE	LF		\$	\$	7.00	\$	\$1,132.80		\$7,931.00	\$7,931.00	
504-2004	3F	STL CASING PIPE (24 IN)	LF		\$	\$	26.00	\$	\$1,730.00		\$45,180.00	\$45,180.00	
507-2013	3F	INSTALL 4" DIA MANHOLE	EA		\$	\$	2.00	\$	\$6,095.00		\$12,190.00	\$12,190.00	
406-XXX1	3F	REMOVE EXISTING WASTEWATER MANHOLE	EA		\$	\$	1.00	\$	\$3,710.00		\$3,710.00	\$3,710.00	
531-XXX2	3F	SIDEWALK BRIDGE (MOD)	LF		\$	\$	14.00	\$	\$1,211.28		\$16,957.96	\$16,957.96	
TOTALS											\$ 14,532,624.63		

CHANGE ORDER REASON(S) CODE CHART

<p>1. Design Error or Omission</p>	<p>1A. Incorrect PS&E 1B. Other</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&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 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>

SPECIAL SPECIFICATION 531-XXX1

**SIDEWALKS – SHARED USE PATH “GAP” CONSTRUCTION AND SHARED USE
PATH DESIGN UPDATES**

Description: Work to be performed in accordance with plans for construction of the Shared Use Path “Gap” to connect the existing Shared Use Path at approximately RM 1431 to the Shared Use Path detailed in the original construction plans and incorporate work to be performed in association with design modifications for the construction of the Phase II Shared Use Path.

Scope of Work: Construct an additional Shared Use Path to connect the “Gap” between the 183A Phase I Shared Use Path and the 183A Phase II Shared Use Path as detailed in the original construction plans and update the Phase II Shared Use Path plans with new AASHTO design criteria. The construction of the Shared Use Path “Gap” and all design modifications shall be per the plans, specifications, and notes as provided to the contractor on 8/2/11 and 9/27/11, respectively, and as noted in this change order.

Measurement and Payment: Item will be paid via a fixed price change order to the work per Section 4.2 of the 183A Phase II contract.

General Notes
Shared Use Path "Gap" STA 322+19.27 to STA 394+04.49

The completion and Final Acceptance of the construction of the Shared Use Path "Gap" as shown in the plans provided to the contractor on 8/2/11 shall be required as a condition of project Final Acceptance to occur not later than 90 days after the contract Substantial Completion date. This only pertains to the Shared Use Path "Gap".

SPECIAL SPECIFICATION

1093

Tree Protection in Construction Areas

1. **Description.** Protect and assure the continued good health of existing trees identified on the plans or directed by the Engineer as "to be protected". Provide, install, maintain and remove upon completion of work, protective fences.

Protect all trees in the construction area identified to be retained in place as shown on the plans or as directed by the Engineer.

Protect all trees before any heavy equipment is allowed on the site and maintain protections in place for the duration of the project.
2. **Materials.** All materials shall meet the applicable requirements indicated below for the specified type of protection.
 - (1) **Protective Fence.** Furnish construction fence as shown on the plans or approved by the Engineer.
 - (a) Construction Fence shall be 4 ft. high orange plastic mesh or approved equivalent supported on steel T-post a minimum of 6 ft. long.
 - (b) Wound Paint. Wound paint shall be an approved tree dressing.
3. **Construction Methods.** Conduct all construction activities in such manner as to protect all trees identified in the plans for protection.
 - (1) **Protective Fence.** Unless otherwise shown on the plans or as directed by the Engineer, furnish construction fence.
 - (2) **Construction Fence.** Stretch smooth galvanized wire from post to post across the top of the fence and draw tight. Attach plastic mesh to the posts and top wire with aluminum tie wire or nylon ties, spaced at 3 ft. intervals. Drive T-posts into the ground a minimum of 18 in.
4. **Measurement.** Tree protection in construction will be measured by the methods as follows and as shown on the plans.

"Tree Protection (Protective Fence)(Plastic)" will be measured by the foot of protective fence measured at the bottom of the fabric along the fence from center to center of end posts complete in place.

5. **Payment.** The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Tree Protection (Protective Fence)(Plastic)", This price shall be full compensation for all manipulations, labor, equipment, materials, accessories, and incidentals necessary to complete the work.