



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

Regular Meeting of the Board of Directors

April 24, 2019



CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY

A blue-tinted photograph of a road with a sign that reads "NORTH 183 A TOLL". The road is paved and has a concrete curb with bollards on the right side. There are utility poles and trees in the background. The sky is blue with some clouds.

1 Welcome and Opening Remarks by the Chairman and members of the Board of Directors



2 Opportunity for public comment

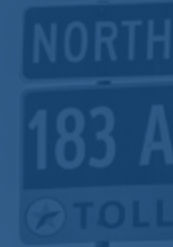


> **Regular Items**
Agenda Items 3-7

Geoff Petrov, General Counsel

3

Approve the minutes from the March 27, 2019 Regular Board Meeting



4

Approve a resolution recognizing the successful collaboration with the Hill Country Conservancy on the development of the 45SW Project with the Violet Crown Trail in southwest Travis County

William Chapman, Chief Financial Officer

5 Presentation and discussion of current and future prospects for both municipal and Central Texas Regional Mobility Authority project financings

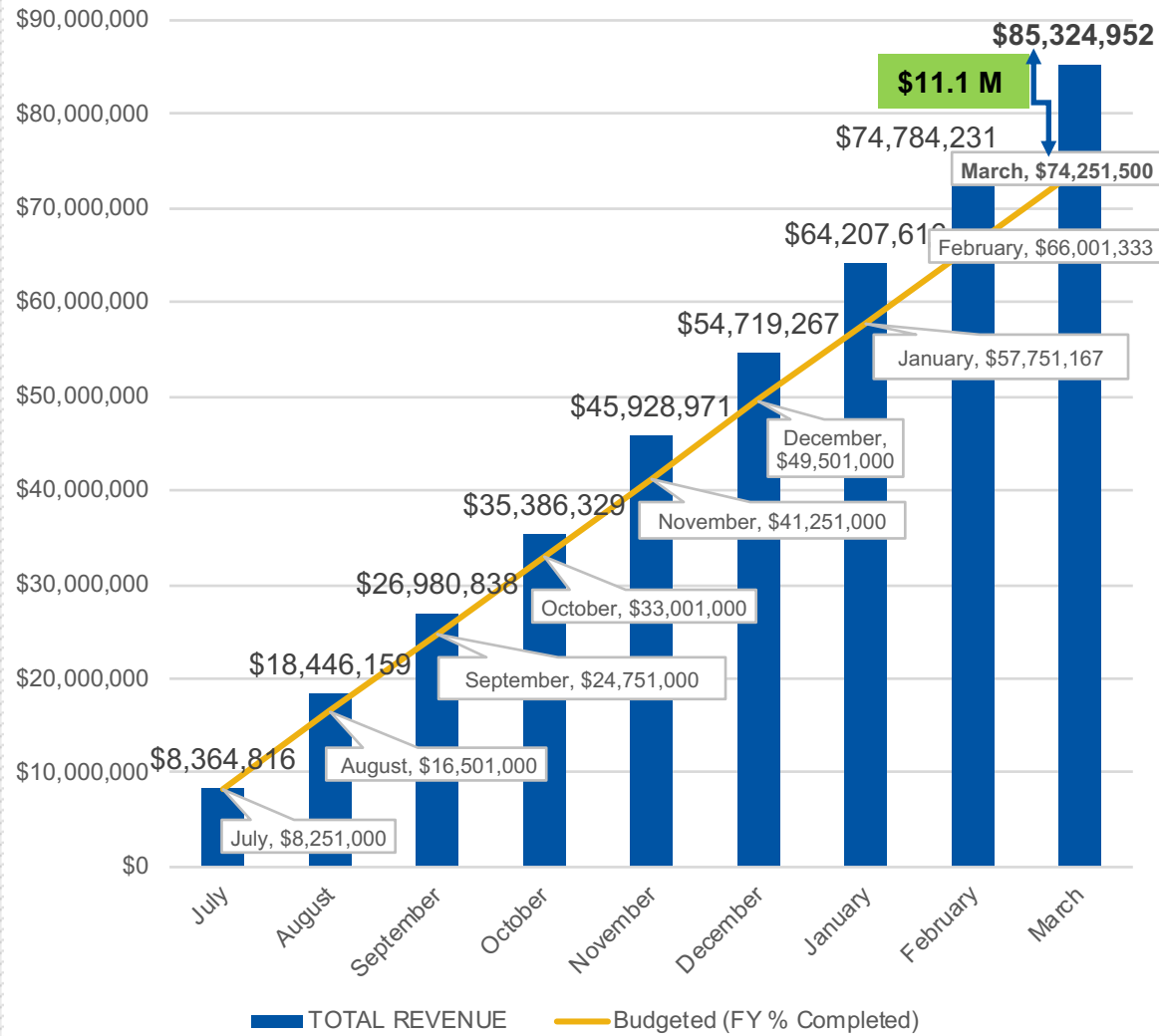
Mary Temple, Controller

**6 Accept the financial statements for
March 2019**

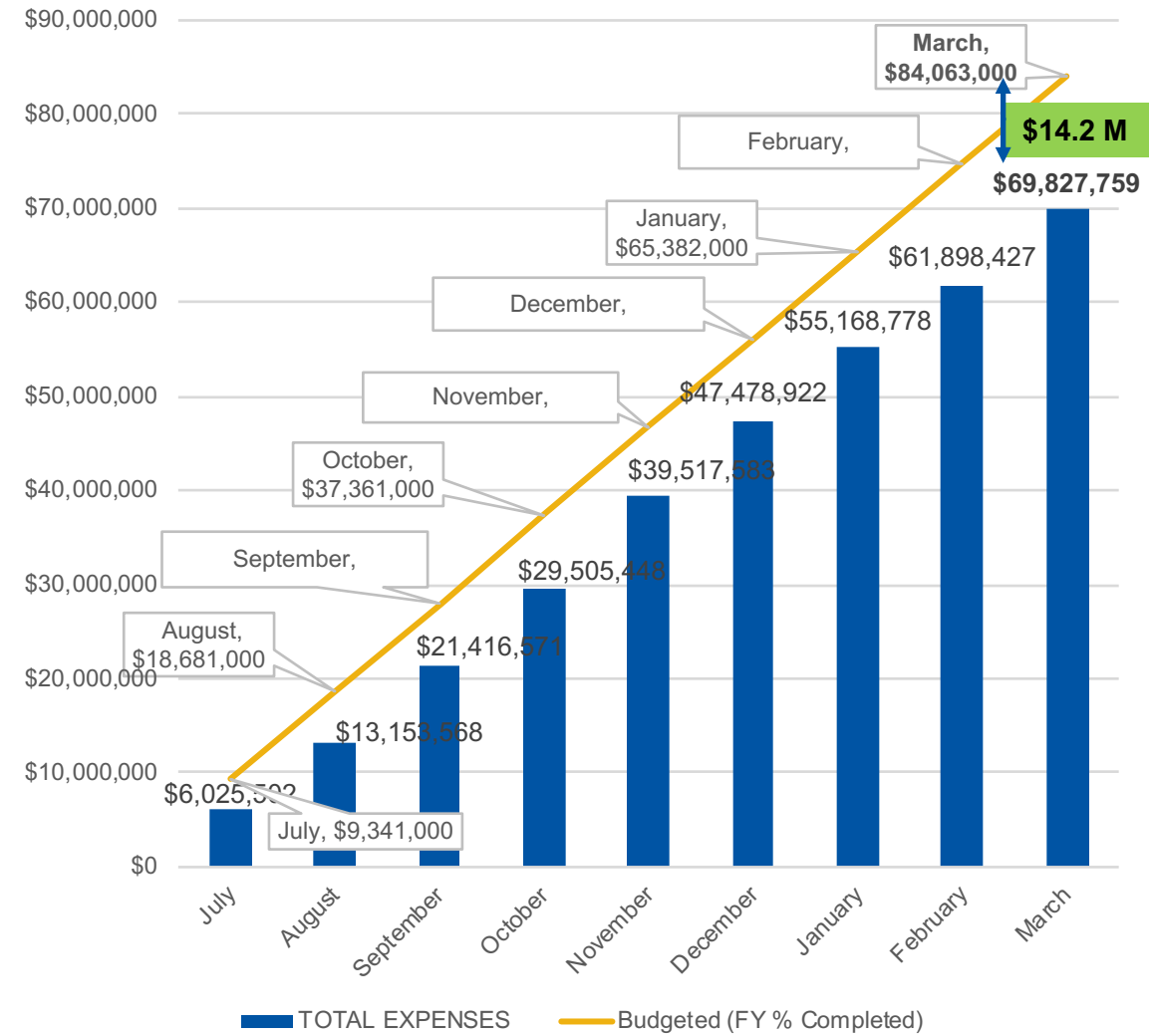
NORTH
183 A
TOLL



Total Revenue – Through March, 2019



Total Expenses – Through March, 2019



Justin Word, P.E., Director of Engineering

7 **Approve an Interlocal Agreement with the Texas Department of Transportation for material inspection and testing services**



> Briefings and Reports
Agenda Items 8-10

Justin Word, P.E., Director of Engineering

8

**Quarterly update on transportation projects under construction:
A. 183 South**



183 South Project



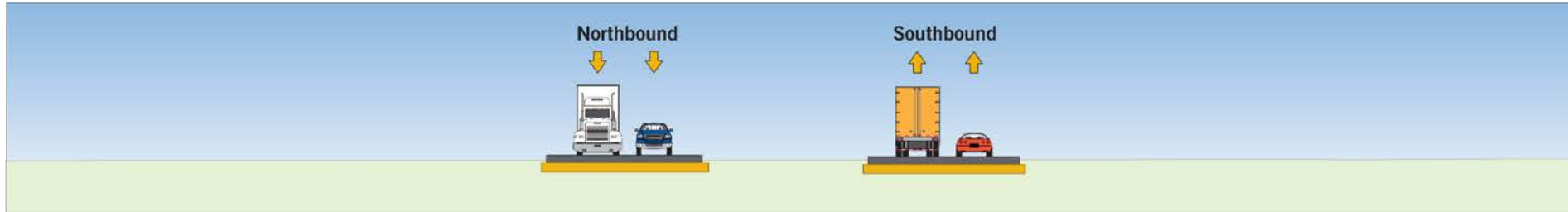
- **Project Limits:** US 290 to SH 71
- **Project Length:** 8 miles
- **Total Project Cost:** \$743 Million
- **Project Status:** Approx. 75% complete
 - Phase I from US 290 to Techni Center Drive opens to traffic and tolling in summer 2019
 - Phase II from Techni Center Drive to SH 71 opens spring 2020



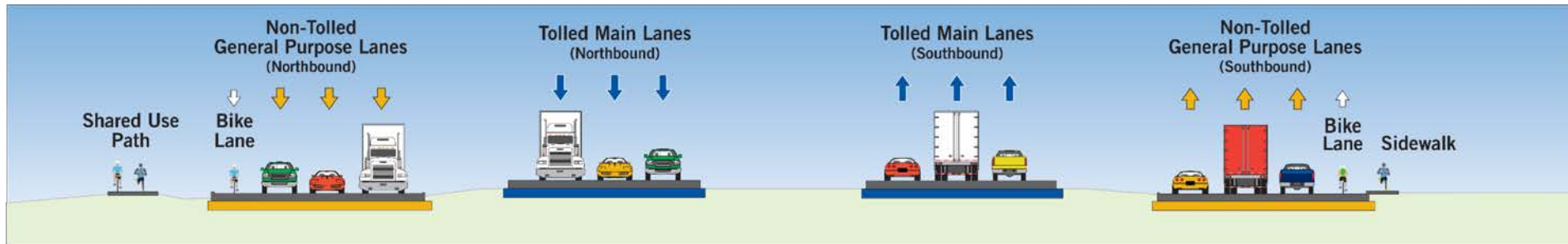
183 South Project Scope



WHAT EXISTS TODAY



WHAT WE ARE BUILDING



- A new expressway with three tolled lanes in each direction and three non-tolled general-purpose lanes in each direction
- New bicycle lanes, pedestrian bridges, sidewalks, shared use paths, trailheads, aesthetic enhancements and significant landscaping

183 South Project Schedule



 Design / Procurement
 Construction



SEPTEMBER 10
Notice to
Proceed

APRIL 5
Begin
Construction

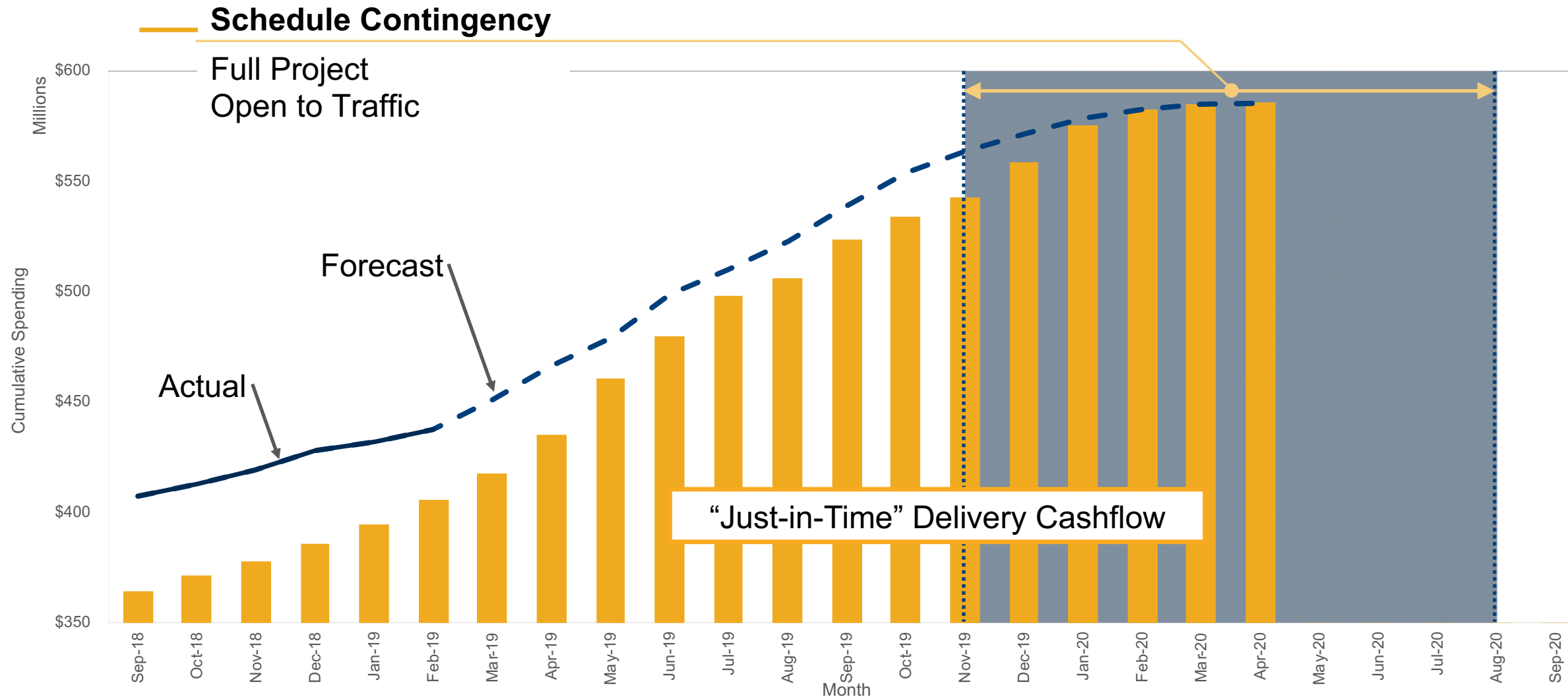
MAY 11
Contractor Interim
Milestone

AUGUST
Interim Open to Traffic
Obligation

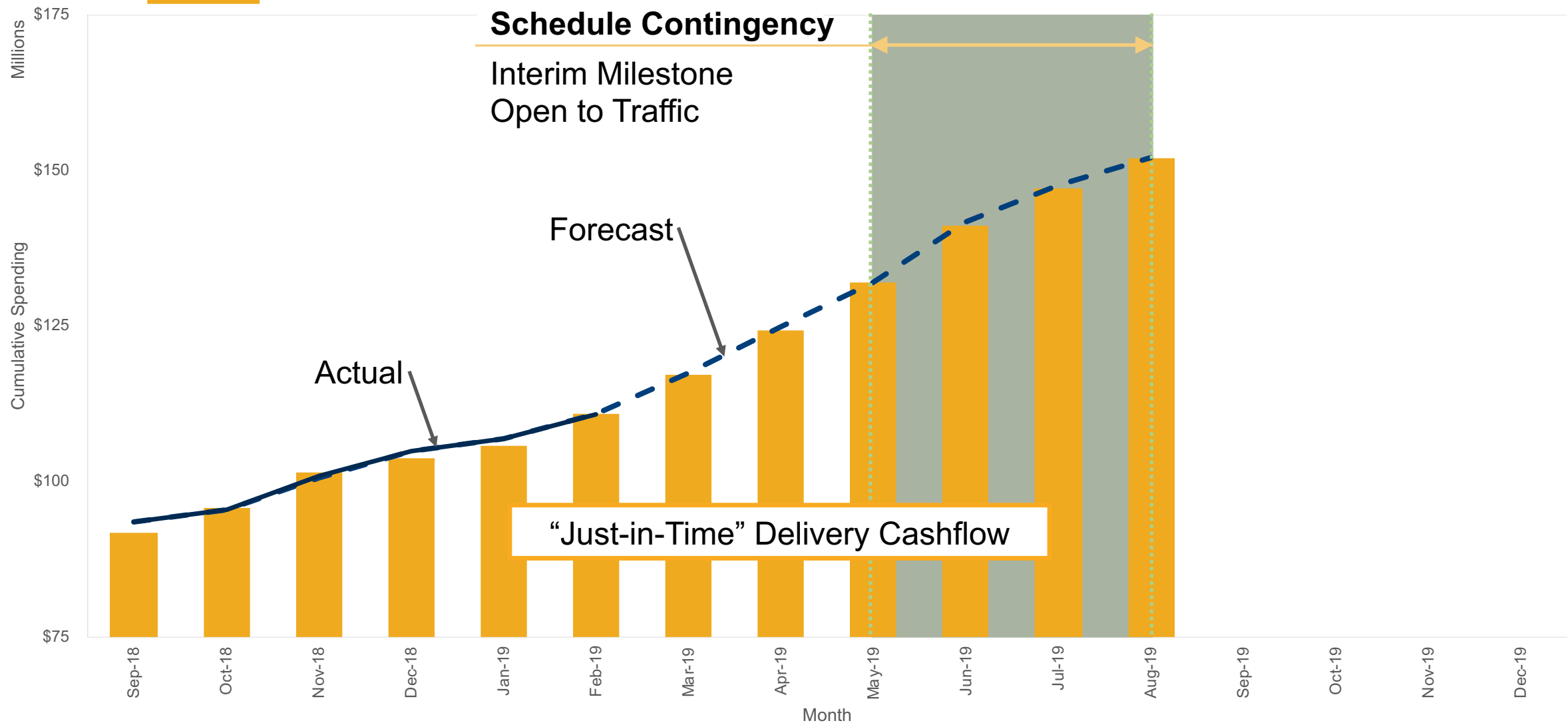
NOVEMBER 11
Contractor Full Project
Substantial Completion
Milestone

AUGUST
Full Project Open
to Traffic
Obligation

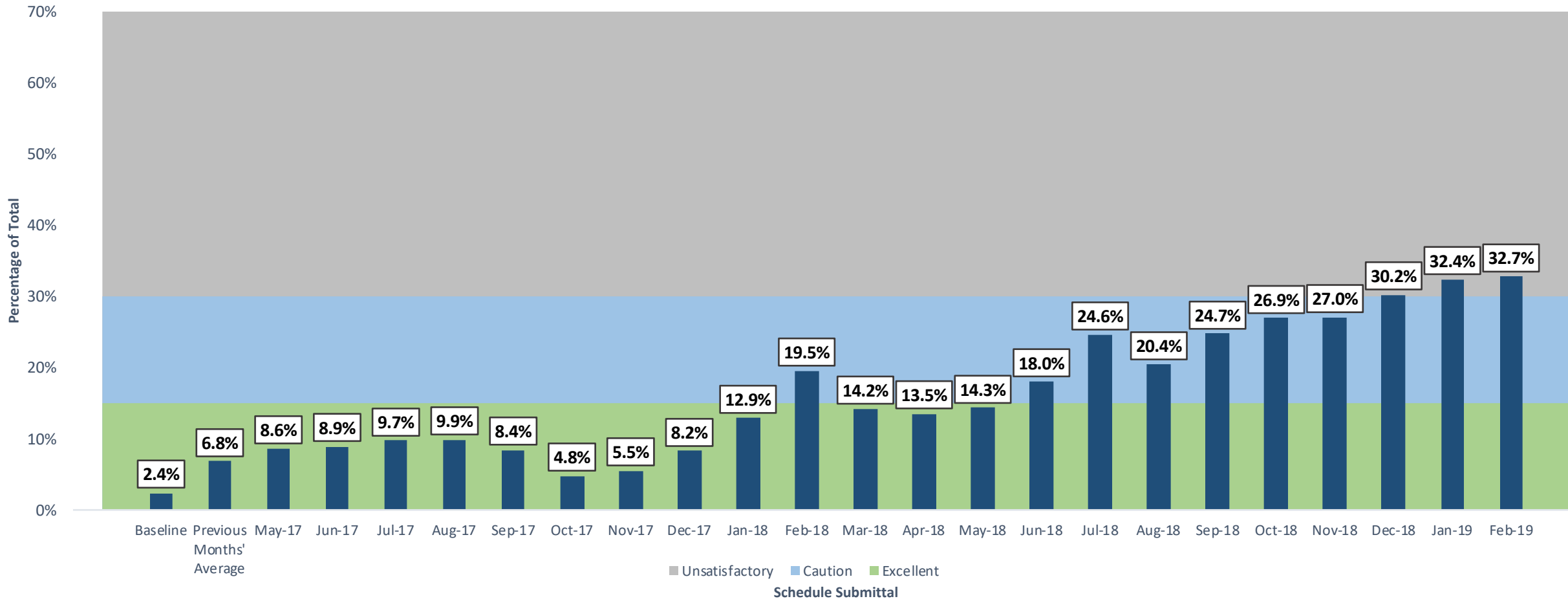
Cashflow Analysis – Full Project



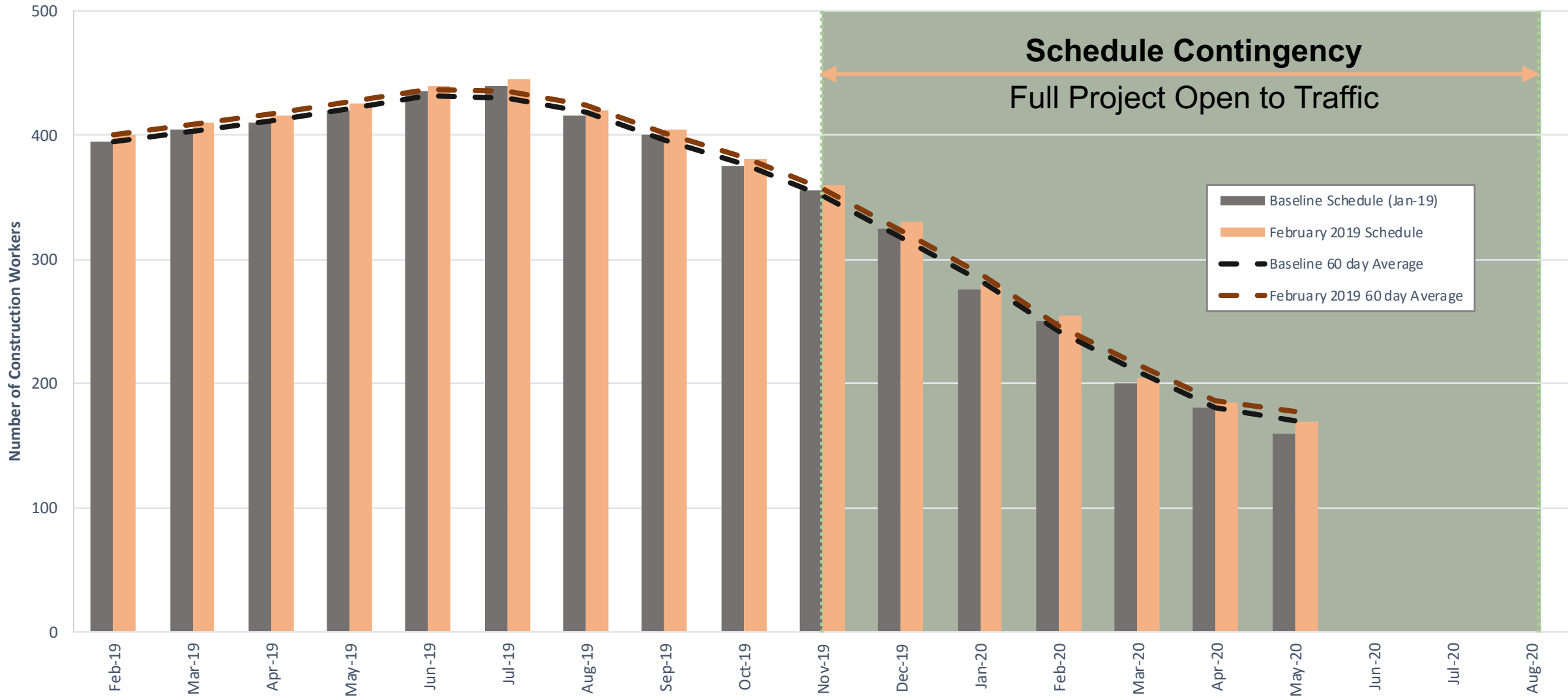
Cashflow Analysis – Interim Milestone



Near Critical Activities



Project Labor Resource Curve (February Schedule vs. Current Baseline)



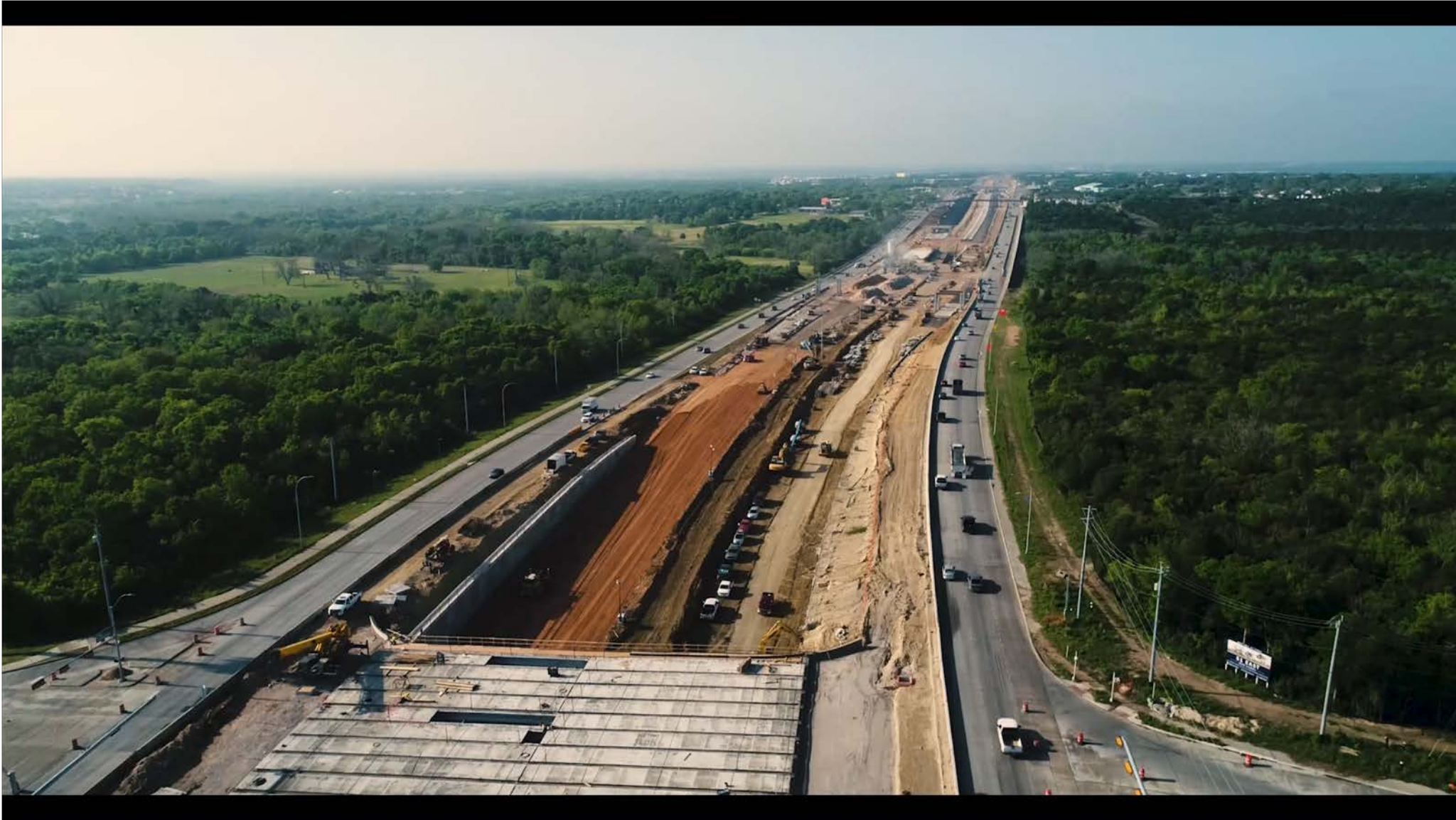
183 South Design/Build Project



EXECUTED CONTRACT VALUE		\$581,545,700
Total Project Contingency		\$47,860,000
Obligations	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 Revision	\$3,488,230
	CO#10 City of Austin Utility (\$1,010,000 – No Cost to RMA)	\$0
	Others Less than \$300,000 (6)	\$603,889
	EXECUTED CHANGE ORDERS	\$3,062,119
Change Orders in Negotiations	\$4,570,000	
Potential Contractual Obligations	\$10,510,000	
Total Project Obligations		\$18,142,119
Remaining Project Contingency		\$29,717,881

Change Order
Status as of **3/31/19**

Drone Flight: Loyola Lane to Techni Center Dr



Construction Activities: Montopolis



March 2016



April 2019



Project Team Participated in the Following Events:

- Tree Planting at Dottie Jordan Park ►► **February 14**
- Allison Elementary School and Oden Hughes coordination meeting ►► **March 13**
- Winn Elementary School Community Fair ►► **March 30**
- Montopolis Little League Opening Ceremony ►► **March 30**





Continued coordination with key affected stakeholders:

- Elected Officials
 - **Council Member Sabino “Pio” Renteria**, City of Austin District 3
 - **Office of Council Member Natasha Harper-Madison**, City of Austin District 1
 - **Commissioner Jeff Travillion**, Texas County Commissioner Place 1
- Techni Center Drive businesses
 - BAE
 - Eightfold
 - NXP
- Knollwood Neighborhood Residents
- Local schools
- Old Bastrop Highway businesses
 - Austin VeeDub
 - Bohls Bearing
 - Hi Sign Brewery
 - Stealth Power, LLC
 - Texas Mist
- 53 public inquiries were received through the Project’s email and phone hotlines. Inquiry topics included questions about:
 - Access
 - Changes in traffic patterns
 - Construction impacts
 - Project schedule
 - Roadway conditions
 - Signage
 - Sound walls

Justin Word, P.E., Director of Engineering

8

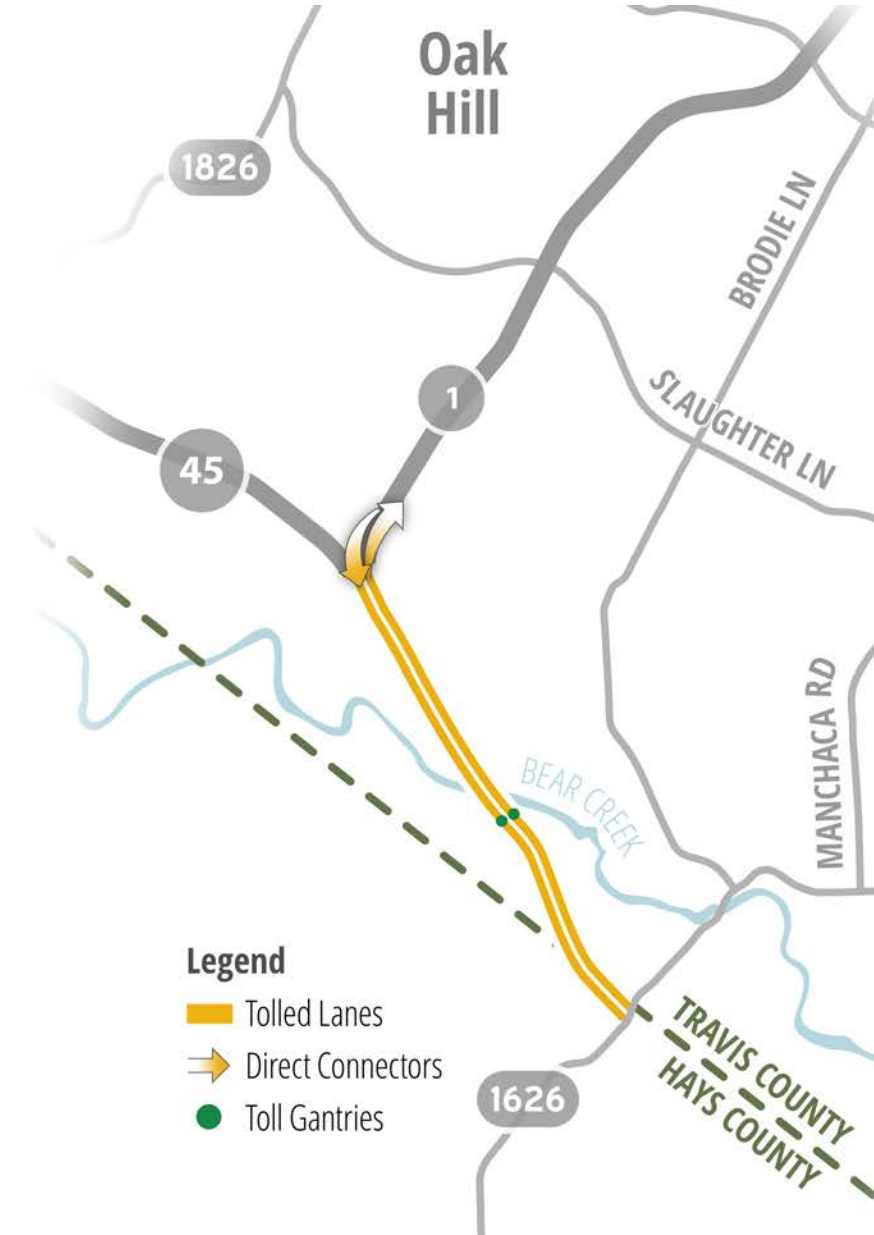
**Quarterly update on transportation projects under construction:
B. SH 45SW**



SH 45SW Design/Bid/Build Project



- **Project Limits:** FM 1626 to Loop1/MoPac
- **Project Length:** 3.6 miles
- **Total Project Cost:** \$108 Million
- **Project Status:** Approx. 92% complete
 - Grand Opening Jubilee: May 18, 2019
 - Open to Traffic: week of May 20th



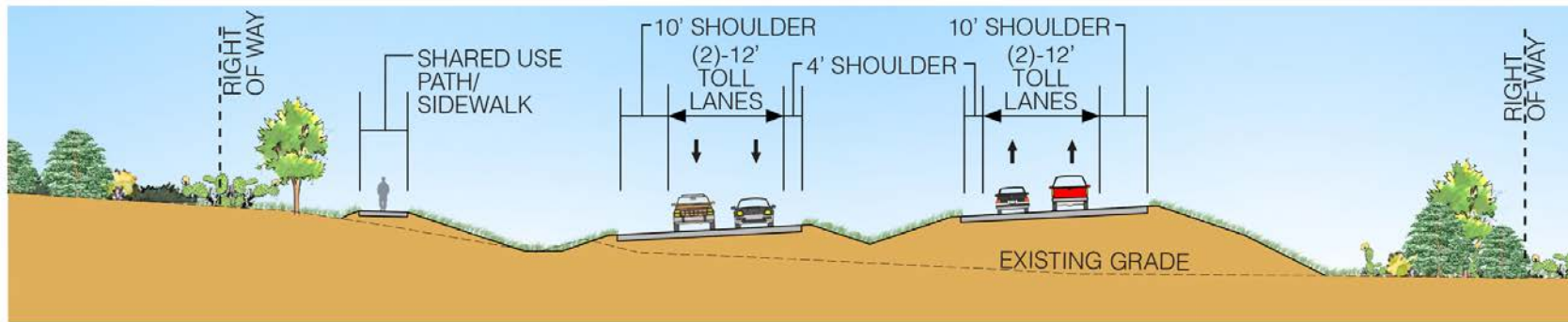
Legend

— Tolled Lanes

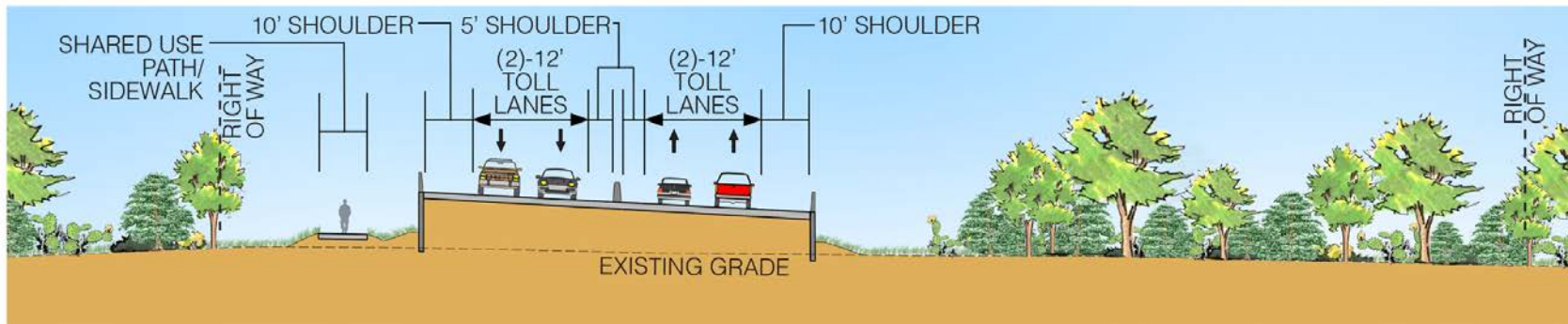
→ Direct Connectors

● Toll Gantries

SH 45SW Project Scope



SH 45SW TYPICAL SECTION FROM FM 1626 TO BEAR CREEK



SH 45SW TYPICAL SECTION FROM BEAR CREEK TO MOPAC

- Two twelve-foot main lanes in each direction
- To limit impacts to the environment, SH 45SW does not have frontage roads
- Includes a 4.5 mile, 10-foot shared use path along the entire length of the roadway that will connect to the future Violet Crown Trail

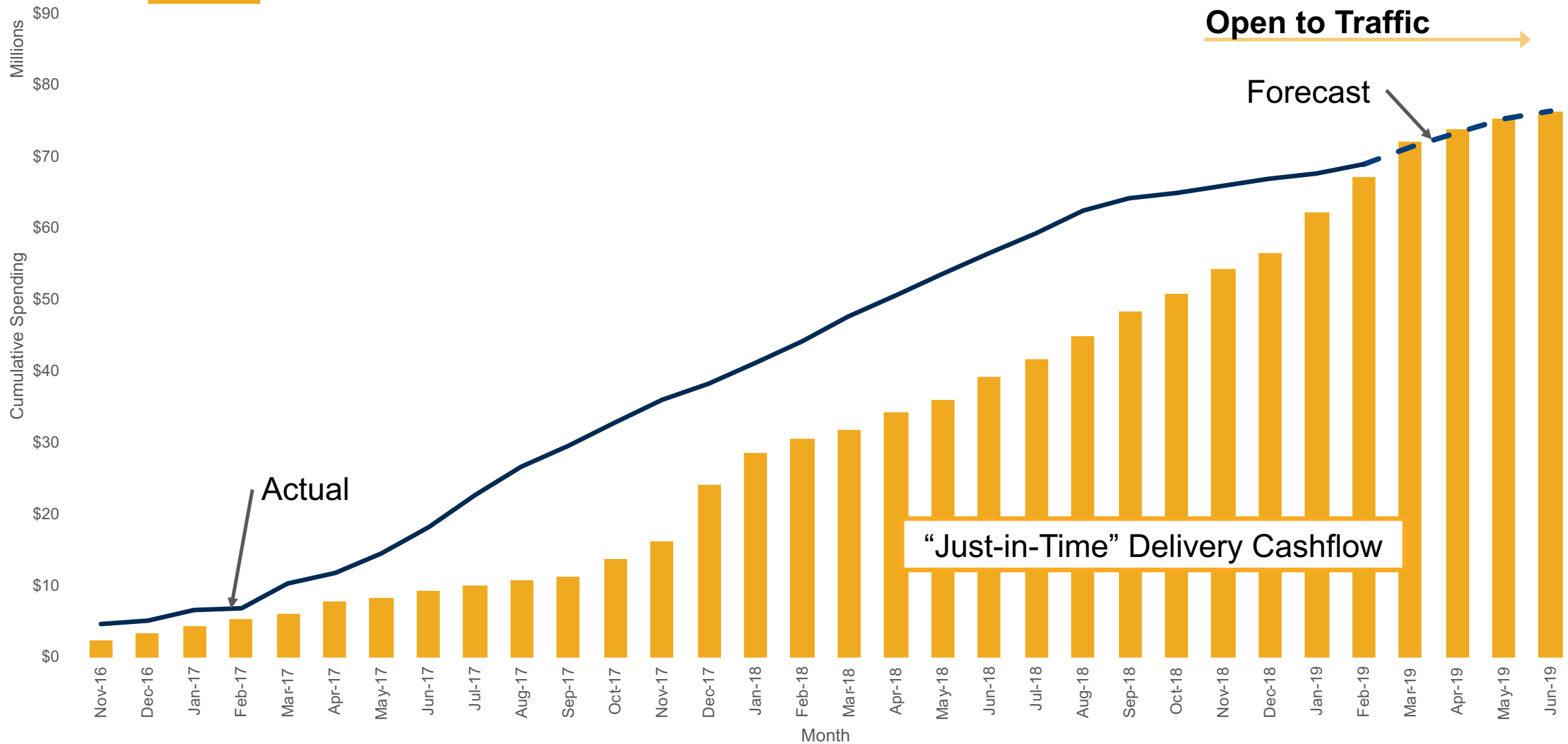
SH 45SW Project Schedule



- Design / Procurement
- Construction



Cash Flow Without Mobilization

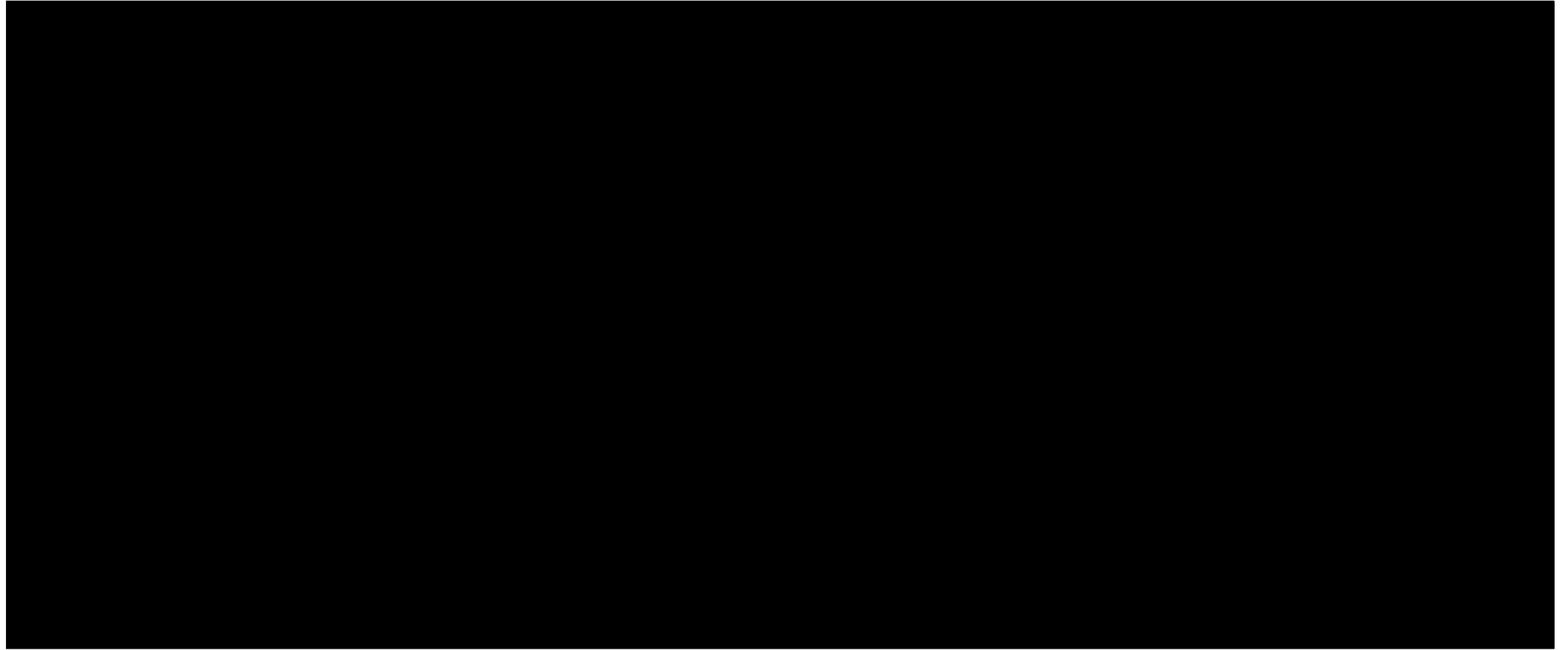


SH 45SW Project Budget



	EXECUTED CONTRACT VALUE	\$75,103,623
	Total Project Contingency	\$7,520,000
Obligations	CO#4 Installation of PEC and TWC Conduits	\$458,439
	CO#5 Installation of SSTR Drilled Shafts and Moment Slab	\$538,945
	All other change orders less than \$300,000 (14)	\$326,264
	EXECUTED CHANGE ORDERS	\$1,323,648
	Change Orders in Negotiations	\$60,478
	Potential Contractual Obligations	\$2,466,593
	Total Project Obligations	\$3,850,708
	Remaining Project Contingency	\$3,669,292

Drone Flight: April



PFC Paving at Toll Gantry



PFC Paving at Direct Connector Approach



PFC Paving at Direct Connector Approach



MoPac Interchange



February 2018



April 2019

Justin Word, P.E., Director of Engineering

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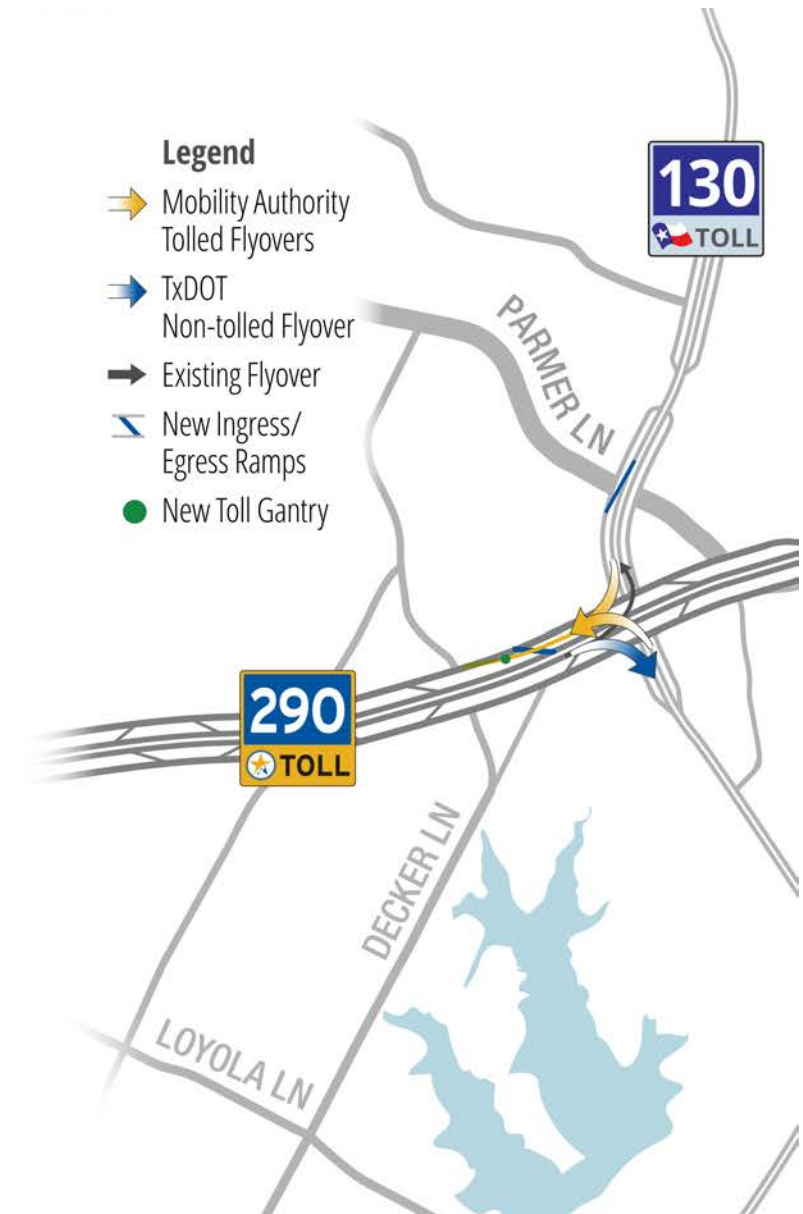
**Quarterly update on transportation projects under construction:
C. 290E Phase III**



290 Flyovers Project Scope



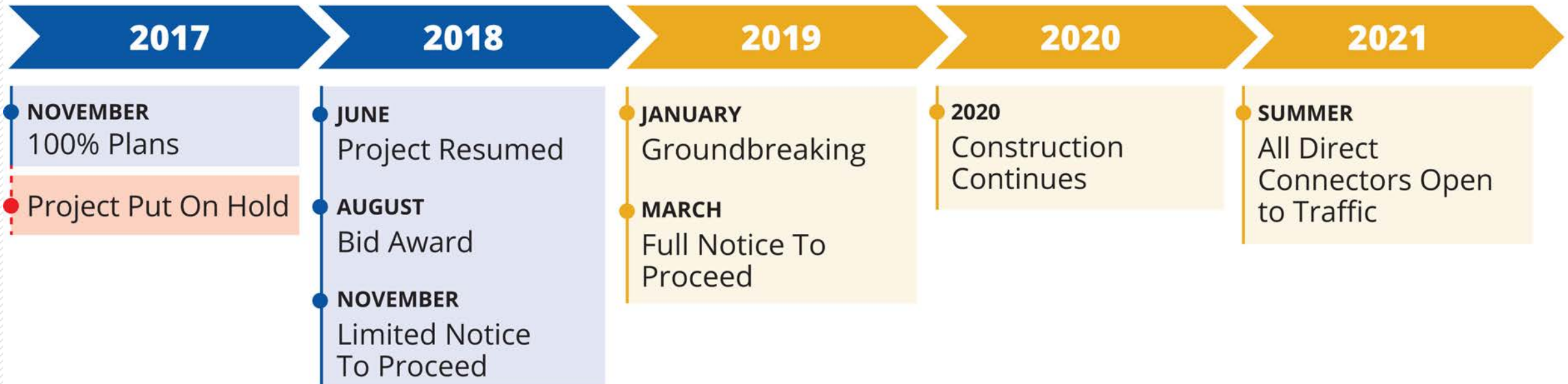
- **Project Description:** Three flyovers will be constructed between 290 Toll and SH 130:
 - Two tolled: northbound and southbound SH 130 to westbound 290 Toll
 - One non-tolled: eastbound 290 Toll to southbound SH 130
- **Limits:** Intersection of US 290 and SH 130
- **Total Project Cost:** \$127 Million
- **Project Status:** Construction began in November 2018



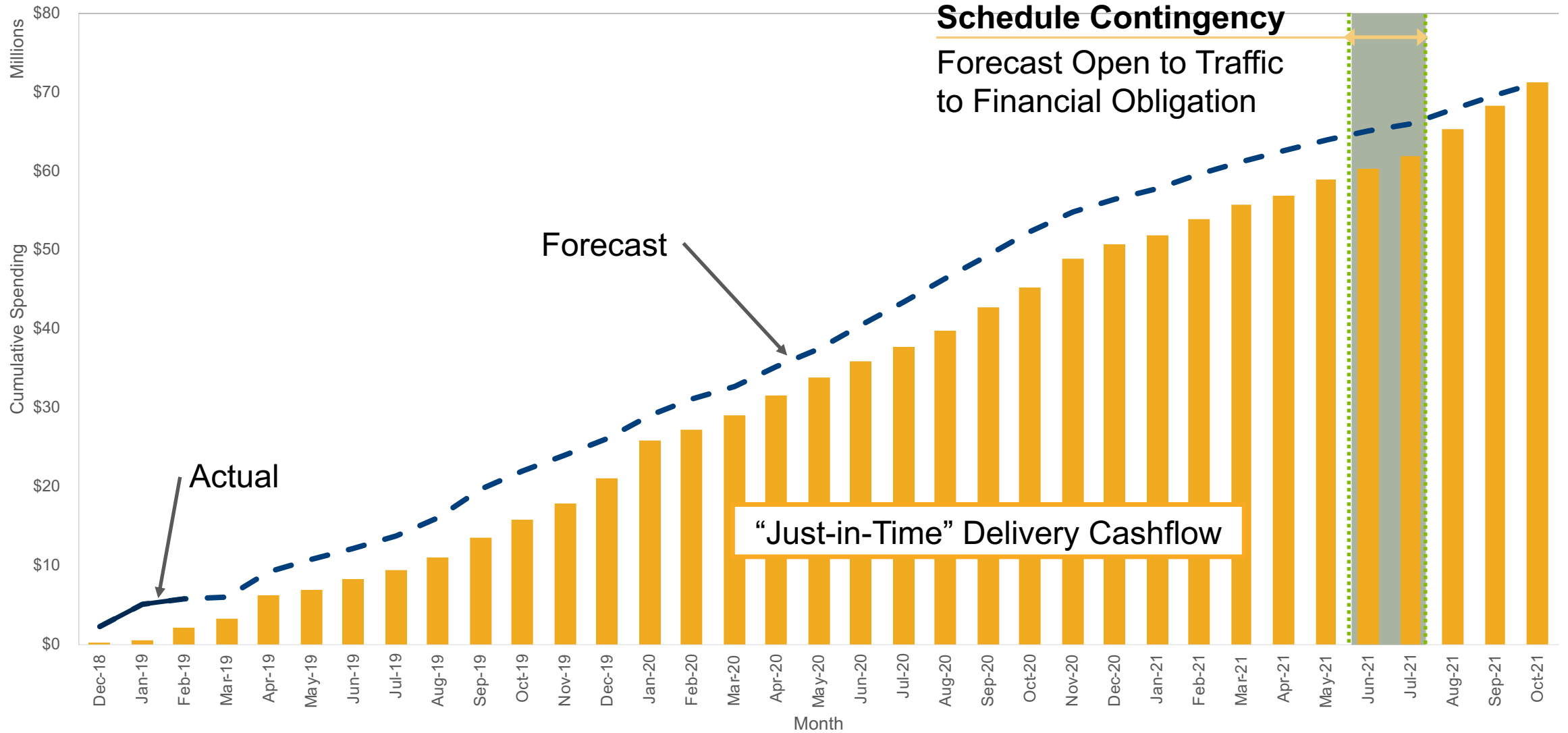
Schedule



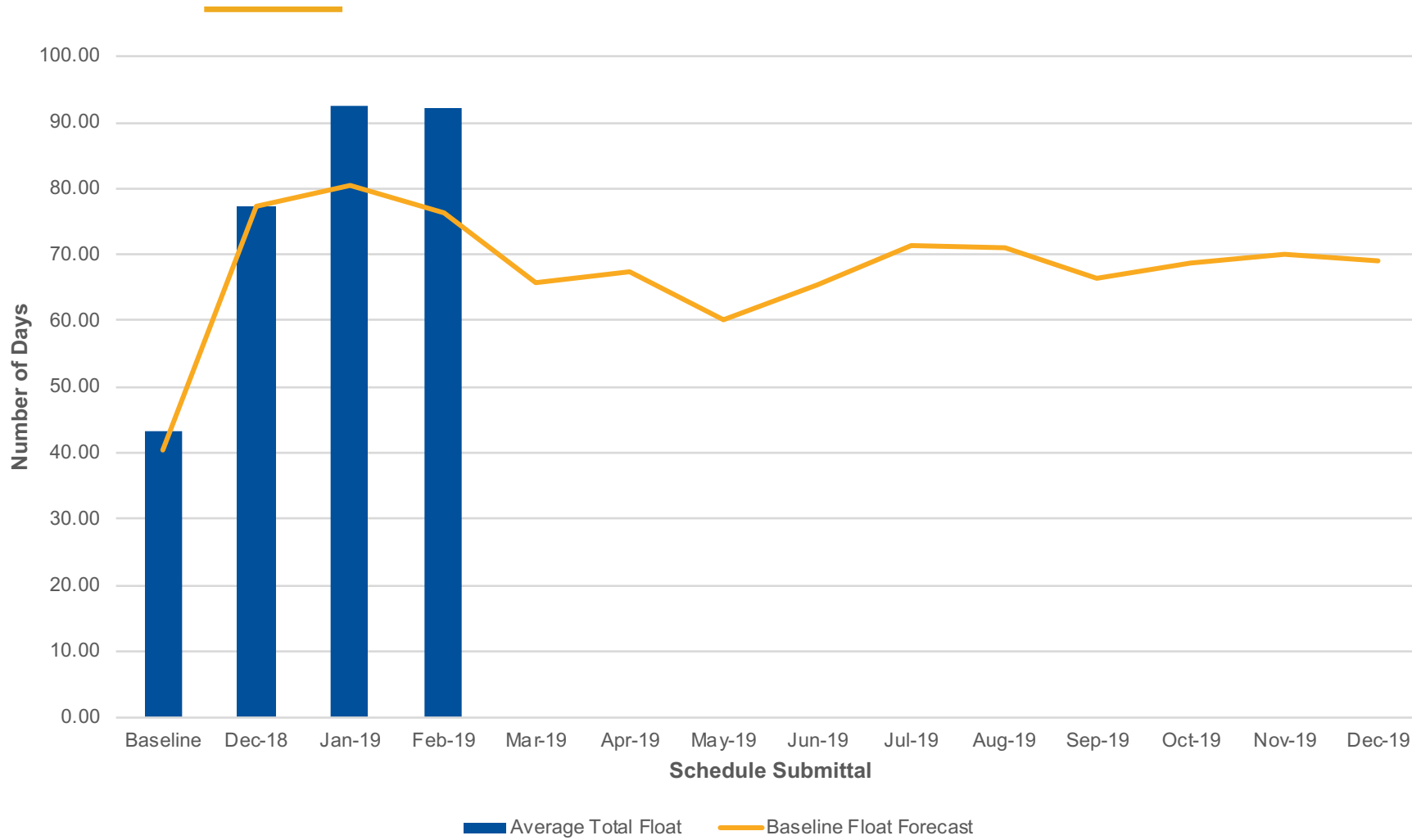
➤ Design / Procurement
➤ Construction



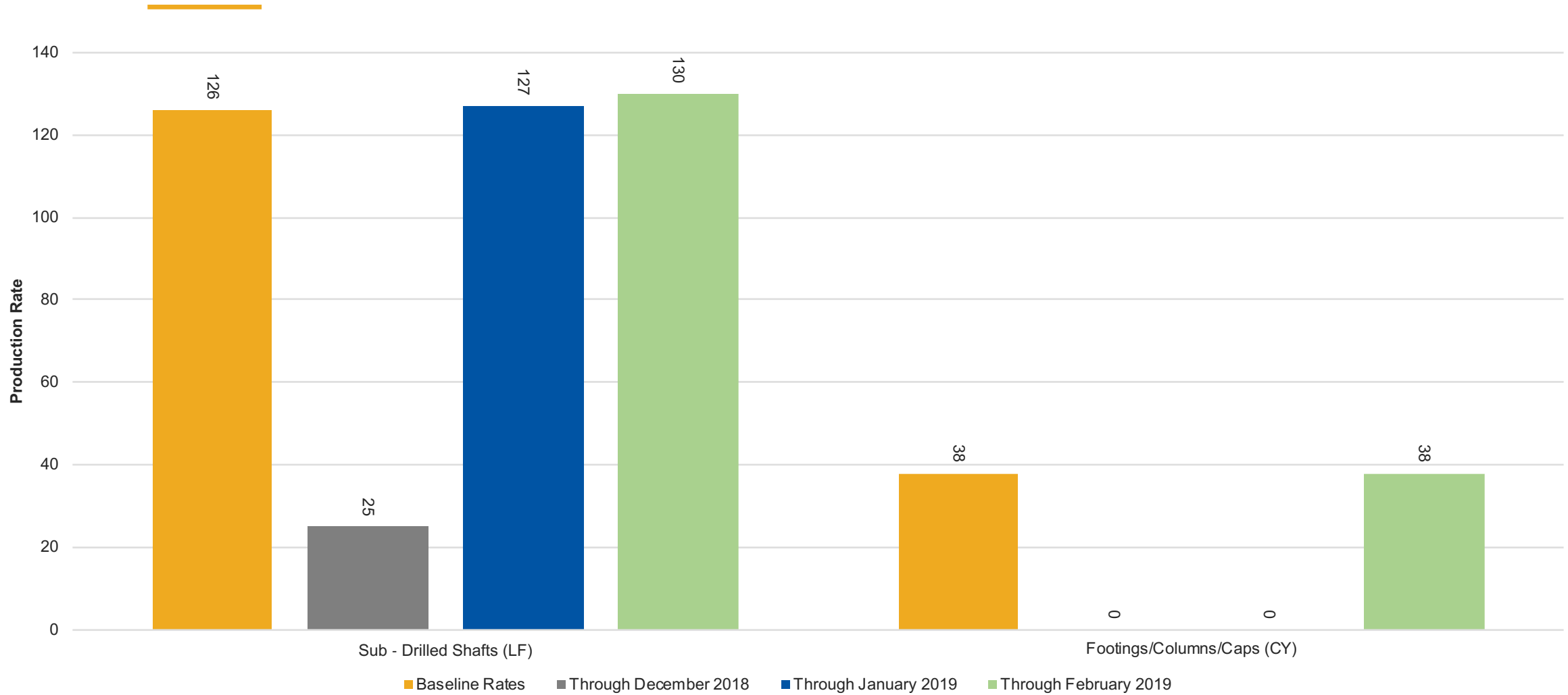
Cashflow Analysis



Total Float



Production Rates



290/130 Flyovers Project – Financial Status



EXECUTED CONTRACT VALUE		\$71,236,424
Total Project Contingency		\$25,566,282
Obligations	CO#1 Limited NTP	-
	EXECUTED CHANGE ORDERS	\$-
	Potential Contractual Obligations	\$360,000
	Total Project Obligations	\$360,000
Remaining Project Contingency		\$25,566,282

Change Order
Status as of **3/31/19**

Construction Activities: 290E – West of SH130

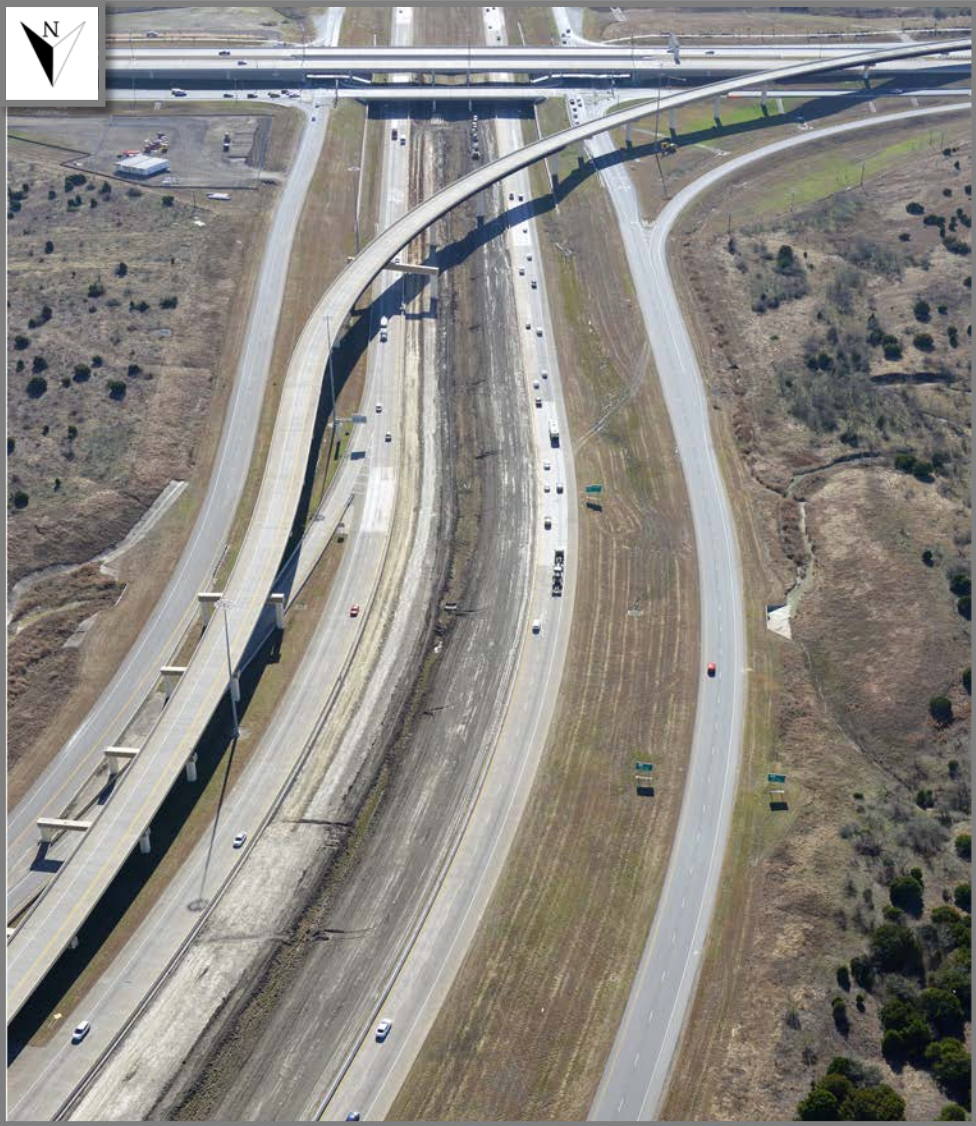


December 2018

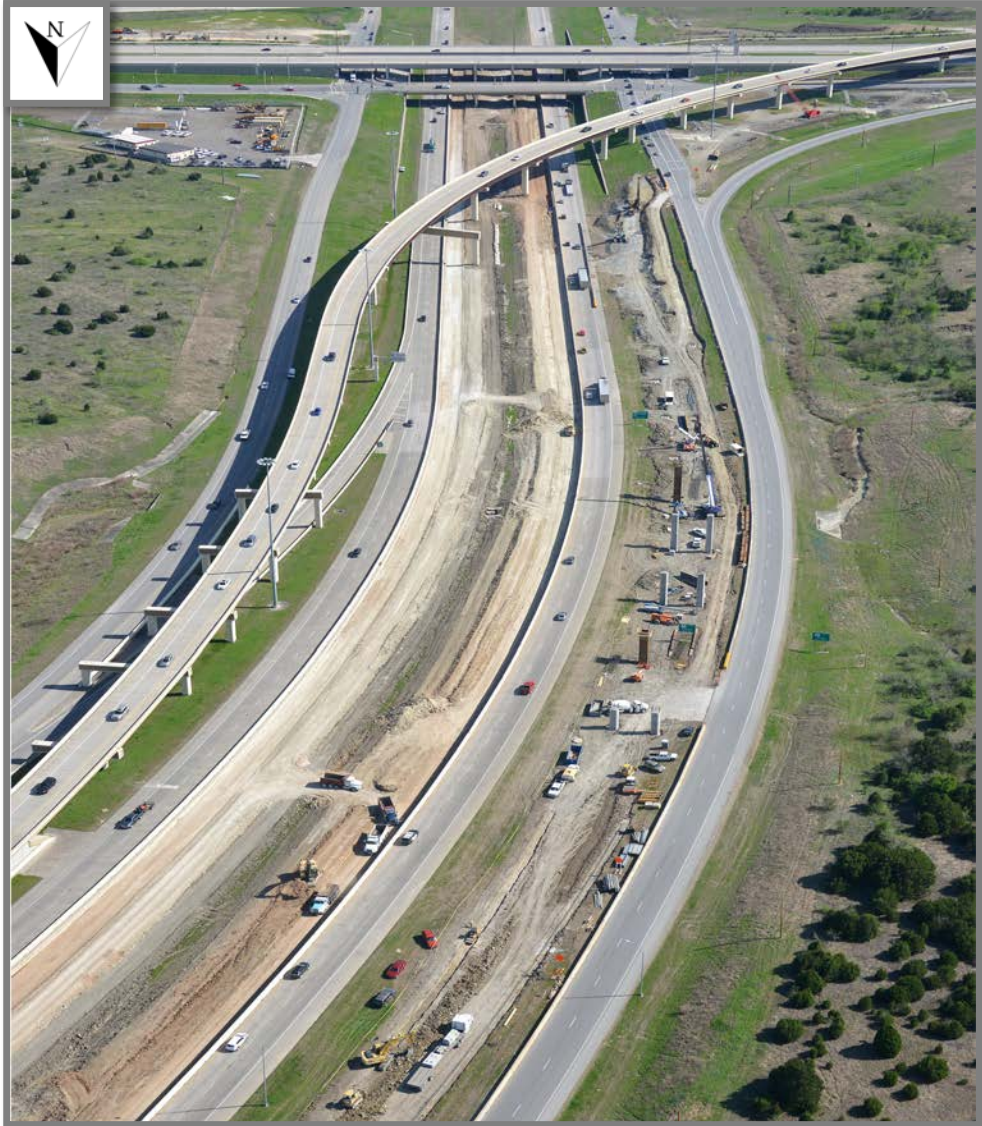


March 2019

Construction Activities: SH130 – North of 290E

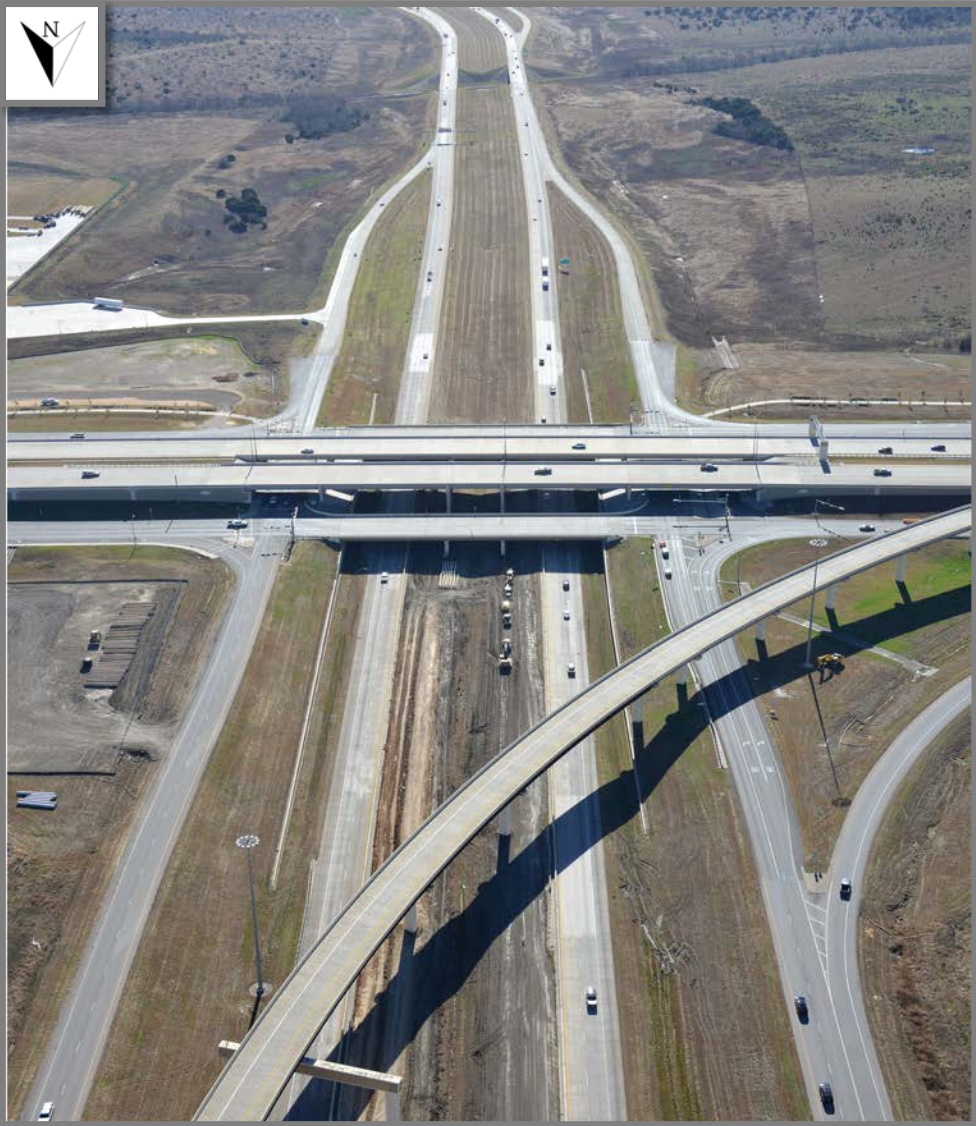


December 2018



March 2019

Construction Activities: SH130 – at 290E



December 2018



March 2019

Robert Goode, Deputy Executive Director

9 Preliminary budget and process

NORTH
183 A
TOLL



Placeholder for budget

10

Executive Director Board Report

- A. Board Workshop
- B. Legislative Update
- C. MoPac Auxiliary Projects
- D. 183A Phase III Project
- E. 183 North Mobility Projects
- F. Travis County Projects
- G. Annual Conditions Assessment

A blue-tinted photograph of a road with a sign that reads "NORTH 183 A TOLL". The road is paved and has a concrete barrier on the right side. In the background, there are utility poles and a building on the left. The sky is blue with some clouds.

> **Executive Session**
Agenda Items 11-14

A blue-tinted photograph of a road with a sign that reads "NORTH 183 A TOLL". The road is paved and has a concrete barrier on the right side. In the background, there are utility poles and a building on the left. The sky is blue with some clouds.

➤ **Reconvene in Open Session**



> **Regular Items**
Agenda Item 15



15 Adjourn meeting



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Thank You

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