

Item 30 continued - Engineering:

- O. Take all appropriate action on Standard Utility Agreement between Fort Bend County and Level 3 Communications, LLC in an amount not to exceed \$130,075.70 for utility relocations regarding FM 1093/Westpark Extension Phase IIA, Precinct 3. (Fund: 2017A Series Road Bonds)**

Moved by Commissioner Meyers, Seconded by Commissioner DeMerchant
Duly put and unanimously carried (5-0), it is ordered to approve Standard Utility Agreement between Fort Bend County and Level 3 Communications, LLC in an amount not to exceed \$130,075.70 for utility relocations regarding FM 1093/Westpark Extension Phase IIA, Precinct 3. (Fund: 2017A Series Road Bonds)

Judge George	Yes
Commissioner Morales	Yes
Commissioner Prestage	Yes
Commissioner Meyers	Yes
Commissioner DeMerchant	Yes

- P. Take all appropriate action on funding of Change Order 28 in the amount of \$28,760.11 for payment to Texas Department of Transportation regarding widening of Trammel Fresno Road, revising the total estimated cost to \$16,161,499.39 pursuant to the Advance Funding Agreement approved by Commissioners Court on August 12, 2008, Mobility Bond Project No. 746, Precincts 1 and 2. (Fund: Mobility Bonds)**

Moved by Commissioner Morales, Seconded by Commissioner Prestage
Duly put and unanimously carried (5-0), it is ordered to approve funding of Change Order 28 in the amount of \$28,760.11 for payment to Texas Department of Transportation regarding widening of Trammel Fresno Road, revising the total estimated cost to \$16,161,499.39 pursuant to the Advance Funding Agreement approved by Commissioners Court on August 12, 2008, Mobility Bond Project No. 746, Precincts 1 and 2. (Fund: Mobility Bonds)

Judge George	Yes
Commissioner Morales	Yes
Commissioner Prestage	Yes
Commissioner Meyers	Yes
Commissioner DeMerchant	Yes

TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 28 (Supporting Supplemental Agreement No. N/A)

Advance Funding Agreement (Third Party Funding) Information (61.1463% of \$43,978.41) + E&C

This form is used when the subject change order involves funding by a source other than TxDOT/U.S. DOT.

1. Outside funding provided by:

Fort Bend County
(Outside Entity's Legal Name)

2. Type of outside funding agreement for this change: [Check one]

Existing Amended New

3. Indicate the type and amount of funding:

Fixed Price (Lump Sum) (Estimated Amount: _____)
 Actual Cost (Estimated Amount: \$28,760.11)

CCSJ:	<u>0912-34-144</u>
Project:	<u>STP 2010(596)MM</u>
Highway:	<u>CS</u>
Limits:	<u>Project limits</u>
City CIP No:	_____
County:	<u>Fort Bend</u>
District:	<u>Houston</u>
Contract Number:	_____

Contract Items (Bid Items):	<u>\$26,891.17</u>	
E&C (<u>6.95%</u>)*	<u>\$1,868.94</u>	
Subtotal	<u>\$28,760.11</u>	
Indirect Cost (<u>0.00%</u>)**	<u>\$0.00</u>	
TOTAL	<u>\$28,760.11</u>	

I hereby approve the modifications covered by Form CO for this Change Order and agree to finance the additional costs, if any, as reflected by this form.

Advance Funding Date 1-29-2019
 By KP George
 KP George
 Typed/Printed Name
 County Judge
 Typed/Printed Title

* The percentage (%) for E&C (Engineering and Contingencies) charges varies from project to project from approximately 6% to 11% depending on the contract amount of the project. Projects with higher contract amount will have the lower rate of E&C charge. For a specific project, E&C rate (%) can be derived from the cost of "Engineering and Contingencies" in the "Estimated Cost" of the project.
 ** Use the statewide district rate as established by Finance Division each year. This line is for Service Project only, unless otherwise specified in the Advance Funding Agreement. See Stand Alone Manual Notice 98-2 for instructions.

Advance Funding for this Change Order has been arranged:

_____ Date _____

District Engineer

Typed/Printed Name: Quincy D. Allen, P.E.



CHANGE ORDER NBR.

28

REPORT DATE: 12/19/2018 2:48:32PM

CONTRACT ID: 091234144
PROJECT: STP 2010(596)MM
CONTRACT: 12143003
AWARD AMOUNT: \$20,864,455.45
PROJECTED AMOUNT: \$20,947,455.45
ADJ PROJECTED AMT: \$21,463,161.49
PEND ADJ PROJ AMT: \$21,463,161.49
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,
 INC
CO AMOUNT: \$43,978.41
CO TYPE: FEDERAL PARTICIPATING
3RD PARTY AMOUNT: \$26,891.17
APPRV LEVEL: OVERRIDE

HIGHWAY: CS
DISTRICT: 12
COUNTY: FORT BEND
AREA ENGINEER: Michelle Milliard, P.E.
AREA NUMBER: 050

DESCRIPTION: STONE RIPRAP PROTECTION
REASON: 3E - 3E-REDUCTION OF FUTURE MAINTENANCE
SECONDARY REASON(S): 004B - 4B-3RD PARTY REQUEST FOR ADDITIONAL WORK

Functions:	
<input checked="" type="checkbox"/> Extra Work	<input type="checkbox"/> Force Account
<input type="checkbox"/> Zero Dollar	<input type="checkbox"/> Final Quantity
<input type="checkbox"/> Overrun/Underrun	<input type="checkbox"/> Change Project Limits
<input type="checkbox"/> Time Adjustment	<input type="checkbox"/> Delete/Add CSJ
<input type="checkbox"/> Stock Account	

DESCRIBE THE REASON FOR THE CHANGE ORDER AND WHAT IS BEING CHANGED. WHEN NECESSARY, INCLUDE EXCEPTIONS TO THIS AGREEMENT:

This change order provides for adding a new item to the contract for installing 18 inches thick riprap on Trammel Fresno Road in Fort Bend County.

The contract plans were designed by BKI Inc. This construction work provides for the construction of widening a non- freeway consisting of grading, widening structure, signal, base, concrete pavement and pavement markings.

The Contractor was required to install 8 inches thick stone riprap from Sta. 77+50 to Sta. 78+40 at the outfall area for the culvert at Long Point Creek as proposed in the plan sheet numbers 256 (for reference purpose only). In order to reduce the future maintenance, the consultant for Fort Bend County reviewed the slopes and flow speeds for this culvert and determined that 18 inches thick riprap is required to protect the area from the erosion. Thus, this office instructed the contractor to install 18 inch thick stone riprap and requested the contractor to submit a price for the work.

The contractor submitted the price for this work. This office evaluated and concurred that the cost associated with this extra work is appropriate for the amount of work to be done. Consequently, the cost of this extra work is \$43,978.41. The cost is supported by invoices and rental sheets. Subsequently, our office is now proposing to add item 0432-2033-000, RIPRAP (STONE PROTECTION)(18") with a quantity of 189 CY at unit price of \$232.69/CY. It is to be noted that the work will be performed in accordance with item 432 of 2014 Standard Specification.

The proposed work is unique in nature and in small quantities, and is not comparable to any average low bid prices. Thus these have not been provided.

Therefore, it is proposed to add item 0432-2033-000, RIPRAP (STONE PROTECTION)(18") with a quantity of 189 CY at unit price of \$232.69/CY.

Fort Bend County is third party participant at 61.1463%.

Change Order Work Limits: Sta. 77+50 to Sta. 78+40.

ADDITIONAL TIME NOT NEEDED

"By signing this change order, the contractor agrees to waive any and all claims for additional compensation due to any and all other expenses; additional charges for time, overhead and profit; or loss of compensation as a result of this change and that this agreement is made in accordance Item 4 and the Contract. Exceptions should be noted in explanation above."

THE CONTRACTOR

BY: _____ DATE

TYPED/PRINTED NAME: _____ DATE

TYPED/PRINTED TITLE: _____ DATE

AREA ENGINEER: _____ DATE

AREA ENGINEER'S SEAL:

DISTRICT ENGINEER: _____ DATE

DIRECTOR, CONSTRUCTION DIVISION: _____ DATE

DEPUTY EXECUTIVE DIRECTOR: _____ DATE

FHWA: _____ DATE

CONTRACT ID 091234144

CHANGE ORDER NBR. 28

CONTRACT ITEMS

PROJECT NBR 091234144

CATG NBR	LINE ITEM	ITEM CODE	SP NBR	DESCRIPTION	UNIT	UNIT PRICE	ORIG + PREV REV QTY	QTY THIS CO	NEW QTY	AMOUNT THIS CO
001	0251	04326033	000	RIPRAP (STONE PROTECTION)(18 IN)	CY	232.69000	0.000	189.000	189.000	\$43,978.41
		CO DESCR		CO 28: ADDITIONAL 18" RIPRAP						
		ADDTL CO DESCR 1		CO 28: ADDITIONAL 18" RIPRAP						
									CHANGE ORDER AMOUNT	\$43,978.41