

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 1 (Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information (61.1463% of \$39,245.34) + E&C+ I

*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: \$27,138.03 )

Contract Items (Bid Items):	<u>\$23,997.07</u>
E&C ( <u>6.95%</u> )*	<u>\$1,667.80</u>
Subtotal	<u>\$25,664.87</u>
Indirect Cost ( <u>5.74%</u> )**	<u>\$1,473.16</u>
<b>TOTAL</b>	<u>\$27,138.03</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 7-18-2017  
By Robert E. Hebert  
County Judge  
Typed/Printed Name  
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:

District Engineer \_\_\_\_\_ Date \_\_\_\_\_  
Typed/Printed Name: Quincy D. Allen, P.E.



CHANGE ORDER NBR.

1

REPORT DATE: 11/21/2016 9:27:24AM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$39,245.34  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$23,997.07  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION: ADD ITEMS TO REPLACE 4:1 SAFETY END TREATMENT (SET)  
REASON: 1C - 1C-DESIGN ERROR OR OMISSION (OTHER)  
SECONDARY REASON(S):

**Functions:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Extra Work       | <input type="checkbox"/> Force Account         |
| <input type="checkbox"/> Zero Dollar                 | <input type="checkbox"/> Final Quantity        |
| <input checked="" 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 four new items to pay for replacing 4:1 SETs with 6:1 SETs on Trammel Fresno Road in Fort Bend County.

The contract plans are designed by BKI Inc. and 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 drainage systems as proposed in plan sheet numbers 264 through 290 (for reference purpose only). However, it was discovered that the 4:1 SET as proposed in the plan sheet number 247, 249, 250 and 254 does not meet the safety slope requirement for drainage ditch at proposed locations. To remedy these situations, this office instructed the contractor to replace proposed 4:1 SETs with 6:1 SETs to match the safety slope. this office instructed the contractor to submit the price for the same.

The contractor submitted price justification for the additional work for replacing the 4:1 SETs with 6:1 SETs.

This office reviewed, evaluated and concurred that the cost associated with this extra work is appropriate for the amount of work to be installed. Consequently, the cost of this extra work for replacing 4:1 SETs with 6:1 SETs is \$39,245.34. Subsequently, our office is now proposing to add item 0467-2172-000 SET (TY I) (S=3 FT) (H=3 FT) (6:1)(P) with 2 Unit at unit price of \$5,944.05/EA, item 0467-2177-000 SET (TY I) (S=4 FT)(H=3 FT) (6:1)(P) with 6 Unit at unit price of \$6,554.34/EA, item 0467-2182-000 SET (TY I) (S=5 FT)(H=3 FT) (6:1)(P) with 4 Unit at unit price of \$7,461.42/EA and item 0467-2350-000 SET (TY I) (S=3 FT)(H=2 FT) (6:1)(P) with 8 Unit at unit price of \$3,894.44/EA. Also, it is proposed to delete 6 units from item 0467-2107-000 at unit price of \$4,767.00/EA, delete 4 units from item 0467-2113-000 at unit price of \$4,821.00/EA, delete 8 units from item 0467-2403-000 at unit price of \$2,377.00/EA and delete 2 units from item 0467-2429-000 at unit price of \$3,034.00/EA.

Please note these newly proposed rates are slightly higher than the July 2015 Houston District Average Low Bid Prices. The new proposed rates are reasonable as the quantities to be installed are smaller in numbers as compared to the quantities referred in low bid price sheets. The average low bid price for July 2015 Houston District Average Low Bid Unit Prices are attached for reference. However, the statewide low bid price during July 2015 is not available and has not been provided. Therefore, it is proposed to add four new items and delete the quantities on four existing items as referred above on Trammel Fresno Road in Fort Bend County.

Fort Bend County is third party participant at 61.1463%.

Change Order Work Limits : Sta.136+00 to Sta. 208+00.

Revised Plan Sheets : 15A, 247A, 249A, 250A and 254A.

**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 changes 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 \_\_\_\_\_

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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	0420	04672107 CO DESCR	000	SET (TY I)(S= 4 FT)(HW= 3 FT)(4:1)(C) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	4,767.00000	6.000	-6.000	0.000	-\$28,602.00
001	0425	04672113 CO DESCR	000	SET (TY I)(S= 5 FT)(HW= 3 FT)(4:1)(C) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	4,821.00000	4.000	-4.000	0.000	-\$19,284.00
001	0426	04672172 CO DESCR ADDTL CO DESCR 1	000	SET (TY I)(S= 3 FT)(HW= 3 FT)(6:1)(P) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	5,944.05000	0.000	2.000	2.000	\$11,888.10
001	0427	04672177 CO DESCR ADDTL CO DESCR 1	000	SET (TY I)(S= 4 FT)(HW= 3 FT)(6:1)(P) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	6,554.34000	0.000	6.000	6.000	\$39,326.04
001	0428	04672182 CO DESCR ADDTL CO DESCR 1	000	SET (TY I)(S= 5 FT)(HW= 3 FT)(6:1)(P) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	7,461.42000	0.000	4.000	4.000	\$29,845.68
001	0451	04672350 CO DESCR ADDTL CO DESCR 1		SET (TY I)(S=3 FT)(HW=2 FT)(6:1)(P) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	3,894.44000	0.000	8.000	8.000	\$31,155.52
001	0455	04672403 CO DESCR	000	SET (TY I)(S=3 FT)(HW= 2 FT)(4:1)(C) CO # 1 : REPLACE 4:1 SET WITH 6:1 SET	EA	2,377.00000	8.000	-8.000	0.000	-\$19,016.00
001	0460	04672429	000	SET (TY I)(S= 3 FT)(HW= 3 FT)(4:1)(P)	EA	3,034.00000	2.000	-2.000	0.000	-\$6,068.00
CHANGE ORDER AMOUNT										\$39,245.34

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 4

(Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(100% of \$107,450.32) + E&C+I

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: \$121,514.42 )

Contract Items (Bid Items):

\$107,450.32

E&C ( 6.95% )\*

\$7,467.80

Subtotal

\$114,918.12

Indirect Cost ( 5.74% )\*\*

\$6,596.30

TOTAL

\$121,514.42

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 7-18-2017

By

Robert E. Hebert

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:

District Engineer

Date

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



CHANGE ORDER NBR.

4

REPORT DATE: 3/2/2017 3:02:06PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45

CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$107,450.32  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$107,450.32  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION:  
REASON:  
SECONDARY REASON(S):

SIGNAL UPGRADE AT HURRICANE LANE  
4B - 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 checked="" 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 thirteen new items to pay for material cost for upgrading signals at Hurricane Lane on Trammel Fresno Road in Fort Bend County.

The contract plans are 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 traffic signal at Hurricane Lane as proposed in plan Sheet number 299 (for reference purpose only). The operation and maintenance of this signal will be done by the City of Missouri City after the installation of this signal. However, the City of Missouri City requested to upgrade the signal to match with the city standard. This office provided the new specification as provided by City of Missouri City and instructed the contractor to submit the price for the same.

The contractor submitted price justification for the additional work for upgrading the traffic signal at Hurricane Lane on Trammel Fresno Road. This office reviewed, evaluated and concurred that the cost associated with this upgradation work is appropriate for the amount of work to be done. Consequently, the cost of this extra work for upgrading traffic signal work is \$107,464.54. Subsequently, our office is now proposing to add item 0680-2002-000 INSTALL HWY TRF SIG (ISOLATED) WITH 1 Unit at unit price of \$34,326.44/EA, item 0686-2039-000 INS TRF SIG PL AM(S) 1 ARM (40') with 1 Unit at unit price of \$6,671.87/EA, item 0686-2043-000 INS TRF SIG PL AM(S) 1 ARM (44') with 1 Unit at unit price of \$6,893.25/EA, item 0686-2053-000 INS TRF SIG PL AM(S) 1 ARM (50') LUM with 1 Unit at unit price of \$8,314.32/EA, item 0686-2057-000 INS TRF SIG PL AM(S) 1 ARM (55') LUM with 1 Unit at unit price of \$9,438.45/EA, item 0687-2001-005 PED POLE ASSEMBLY with 2 Unit at unit price of \$1,259.35/EA, item 6266-2001-000 ENCORE PROCESSOR SYSTEM with 1 Unit at unit price of -\$1,330.00/EA, item 6266-2002-017 VIVDS CAMERA ASSEMBLY with 4 Unit at unit price of \$4,183.45/EA, item 6266-2003-000 VIVDS SET UP SYSTEM with 1 Unit at unit price of \$3,618.96/EA, item 6266-2005-000 VIVDS COMMUNICATION CABLE (COAXIAL) with 800 LF at unit price of \$0.44/LF, item 8317-2001-000 BBU SYSTEM (EXTERNAL BATT CABINET) with 1 Unit at unit price of -\$150.00/EA, item 8777-2001-000 LED RDWY LUMINAIRE (.25KW EQ) with 4 Unit at unit price of \$2,965.42 /EA, and item 9608-2010-000 UNIQUE CHANGE ORDER ITEM 10, ADDITIONAL LABOR EQUIP COST FOR TRF SIG UPGRADE, DOL= LS with 1 Unit at unit price of \$4,450.85/LS. The unit of measure DOL is replaced by LS.

These newly proposed rates are unique in nature. These rates are not comparable to any State or Houston District Average Low Bid Prices, thus these have not been provided. Therefore, it is proposed to add thirteen new items to pay for material cost, labor and equipment cost for upgrading signals at Hurricane Lane on Trammel Fresno Road in Fort Bend County.

Similarly, it is proposed to add one unit in item 0687-2001-005, PED POLE ASSEMBLY, add one unit in item 6266-2002-017 VIVDS CAMERA ASSEMBLY and two units in item 8777-2001-000, LED RDWY LUM (0.25 KW EQ) at existing unit prices respectively.

The Fort Bend County is the third party participant at 100% on behalf of City of Missouri City.

Change Order Work Limit : Sta. 64+50 to 65+50.

No revision on Plan Sheets.

**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 changes 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. 4

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## 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	0971	06802002	000	INSTALL HWY TRF SIG (ISOLATED) CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	34,326.44000	0.000	1.000	1.000	\$34,326.44
001	1061	06862039	000	INS TRF SIG PL AM(S) 1 ARM (40') CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	6,671.87000	0.000	1.000	1.000	\$6,671.87
001	1066	06862043	000	INS TRF SIG PL AM(S) 1 ARM (44') CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	6,893.25000	0.000	1.000	1.000	\$6,893.25
001	1076	06862053	000	INS TRF SIG PL AM(S) 1 ARM (50') LUM CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	8,314.32000	0.000	1.000	1.000	\$8,314.32
001	1081	06862057	000	INS TRF SIG PL AM(S) 1 ARM (55') LUM CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	9,438.45000	0.000	1.000	1.000	\$9,438.45
001	1090	06872001	005	PED POLE ASSEMBLY	EA	1,200.00000	1.000	1.000	2.000	\$1,200.00
001	1091	06872001	000	PED POLE ASSEMBLY CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	1,259.35000	0.000	2.000	2.000	\$2,518.70
001	1211	62662001	000	VIVDS PROCESSOR SYSTEM CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE (DELETE) ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE (DELETE)	EA	1,330.00000	0.000	-1.000	-1.000	-\$1,330.00
001	1215	62662002	017	VIVDS CAMERA ASSEMBLY CO # 4 : Added for Signal Upgradation	EA	1,150.00000	12.000	1.000	13.000	\$1,150.00
001	1216	62662002	017	VIVDS CAMERA ASSEMBLY CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	4,183.45000	0.000	4.000	4.000	\$16,733.80
001	1221	62662003	000	VIVDS SET-UP SYSTEM CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	EA	3,618.96000	0.000	1.000	1.000	\$3,618.96
001	1226	62662005	000	VIVDS COMMUNICATION CABLE (COAXIAL) CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE	LF	0.44000	0.000	800.000	800.000	\$352.00
001	1236	83172001	000	BBU SYSTEM (EXTERNAL BATT CABINET) CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE (REDUCTION) ADDTL CO DESCR 1 CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE (DEDUCTION)	EA	150.00000	0.000	-1.000	-1.000	-\$150.00

CONTRACT ID 091234144

CHANGE ORDER NBR. 4

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001	1240	87772001	000	LED RDWY LUMINAIRE (.25KW EQ)	EA	700.00000	2.000	2.000	4.000	\$1,400.00
		CO DESCR		CO # 4 : Added for Signal Upgradation at Hurricane Lane						
001	1241	87772001	000	LED RDWY LUMINAIRE (.25KW EQ)	EA	2,965.42000	0.000	4.000	4.000	\$11,861.68
		CO DESCR		CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE						
		ADDTL CO DESCR 1		CO # 4 : ADDITIONAL COST FOR MATERIAL UPGRADE						
001	1395	96082010	000	UNIQUE CHANGE ORDER ITEM 10	DOL	4,450.85000	0.000	1.000	1.000	\$4,450.85
		CO DESCR		CO # 4 : ADDITNAL LABOR/ EQUIP COST FOR MAT UPGRADE .DOL=LS						
		ADDTL CO DESCR 1		CO # 4 : ADDITNAL LABOR/ EQUIP COST FOR MAT UPGRADE .DOL=LS						
CHANGE ORDER AMOUNT									\$107,450.32	

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 5

(Supporting Supplemental Agreement No. N/A)

## Advance Funding Agreement (Third Party Funding) Information

(61.1463% of \$28,169.70) + E&C+I

*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: \$19,479.26)

Contract Items (Bid Items):

\$17,224.73

E&C ( 6.95% )\*

\$1,197.12

Subtotal

\$18,421.85

Indirect Cost ( 5.74% )\*\*

\$1,057.41

**TOTAL**

\$19,479.26

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

2-18-2017

By

Robert E. Hebert

County Judge

Typed/Printed Name

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:

District Engineer

Date

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



CHANGE ORDER NBR.

5

REPORT DATE: 11/30/2016 3:44:38PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$28,169.70  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$17,224.73  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION:  
REASON:  
SECONDARY REASON(S):

MISC DRAINAGE UPGRADATION WORK  
2A - 2A-DIFFER SITE CONDITION (UNFORESEEABLE)

Functions:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Extra Work       | <input type="checkbox"/> Force Account         |
| <input type="checkbox"/> Zero Dollar                 | <input type="checkbox"/> Final Quantity        |
| <input checked="" 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 five new items and adjusting quantity to six existing items to pay for adjusting drainage systems on Trammel Fresno Road in Fort Bend County.

The contract plans are 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 drainage systems as proposed in plan sheet numbers 232 through 263 (for reference purpose only). However, during the installation of 6'X6' box culvert crossing at Sta. 77+72.62 along Long Point Creek as proposed in the plan sheet number 237 (for reference only), the contractor encountered a buried abutment. It was decided to shift 6'X6' box culvert about 4 ft east and abandon existing 60" pipe by plugging with backfill grout. Similarly, it was noted that the two side streets namely Nail Street and Kansas Street at Sta. 190+00 as proposed in the plan sheet number 252 do not show any pipe crossing for the drainage. Also the two driveways at Sta. 213+00 and Sta. 214+00 have incorrect offsets called out in plan sheet number 254. To address these issues, this office provided the revised plan sheets number 252 and 254. This office also instructed the contractor to submit the price for the same.

The contractor submitted price justification for the additional works which consist of remove & reset 6'X6' box culvert, remove & reset 42" SET, remove & reset 24" SET, brick plug 60" pipe and flowable backfill. The contractor's proposal also includes the adjustment of quantities on existing items as required during this work. This office reviewed, evaluated and concurred that the cost associated with this additional works are appropriate for the amount of work to be done. Consequently, the cost of this extra work for this additional work is \$28,169.70. Subsequently, our office is now proposing to add item 9608-2001-000 UNIQUE CHANGE ORDER ITEM 1, REM & RESET 6'x6' RCB, DOL=LS at unit price of \$4,319.76/LS, item 9608-2002-000 UNIQUE CHANGE ORDER ITEM 2, REM & RESET 42" SET, DOL=LS with 1 Unit at unit price of \$783.73/LS, item 9608-2003-000 UNIQUE CHANGE ORDER ITEM 3, REM & RESET 24" RCP/SET, DOL=LS with 1 Unit at unit price of \$2,743.05/LS, item 9608-2004-000 UNIQUE CHANGE ORDER ITEM 4, BRICK PLUG 60 IN, DOL=EA with 2 Unit at unit price of \$878.40/EA, and item 0401-2001-000 FLOWABLE BACKFILL with 26 CY at unit price of \$208.06/CY. It is to be noted that the unit of measure DOL is replaced by LS on every unique change order item 1 through item 4.

These newly proposed works are unique in nature. These rates are not comparable to any State or Houston District Average Low Bid Prices, thus these have not been provided. However, the proposed rate for item 0401-2001-000 FLOWABLE BACKFILL is \$208.06/CY is low compared to the 2016 July Statewide and Houston Districtwide Average Low Bid Prices of \$750.00/CY and \$558.17/CY respectively.

Therefore, it is proposed to add five new items to pay for modifying drainage system on Trammel Fresno Road in Fort Bend County. Also, it is proposed to add 338.04 CY to item 0400-2005-000, add 239.00 LF to item 0402-2001-000, add 120.00LF to item 0464-2010-000, add 80.00 LF to item 0464-2011-006, add 30.00LF to item 0496-2007-000, and deduct 4 units from item 0467-2293-000 at existing unit prices respectively.

Fort Bend County is third party participant at 61.1463% as per Advance Funding Agreement.

Change Order Work Limits : 190+00 to 215+00.

Revised Plan Sheets : 252A and 254A.

**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 changes 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. 5

Page 4 of 4

## 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	0185	04002005 CO DESCR	000	CEM STABIL BKFL CO 5 : DRAINAGE ADJUSTMENT	CY	20.00000	16,459.000	338.040	16,797.040	\$6,760.80
001	0191	04012001 CO DESCR ADDTL CO DESCR 1	000	FLOWABLE BACKFILL CO # 5: DRAINAGE UPGRADE WORK CO # 5: DRAINAGE UPGRADE WORK	CY	208.06000	0.000	26.000	26.000	\$5,409.56
001	0195	04022001 CO DESCR	000	TRENCH EXCAVATION PROTECTION CO 5 : DRAINAGE ADJUSTMENT	LF	1.00000	18,000.000	239.000	18,239.000	\$239.00
001	0306	96082001 CO DESCR ADDTL CO DESCR 1	000	UNIQUE CHANGE ORDER ITEM 1 CO # 5: REM/ RESET 6'x6' RCB, DOL=LS CO # 5: REM/ RESET 6'x6' RCB, DOL=LS	DOL	4,319.76000	0.000	1.000	1.000	\$4,319.76
001	0335	04642010 CO DESCR	006	RC PIPE (CL III)(42 IN) CO 5 : DRAINAGE ADJUSTMENT	LF	115.20000	1,731.000	120.000	1,851.000	\$13,824.00
001	0340	04642011 CO DESCR	006	RC PIPE (CL III)(48 IN) CO 5 : DRAINAGE ADJUSTMENT	LF	117.35000	2,952.000	80.000	3,032.000	\$9,388.00
001	0351	96082004 CO DESCR ADDTL CO DESCR 1	000	UNIQUE CHANGE ORDER ITEM 4 CO # 5: BRICK PLUG, DOL=EA CO # 5: BRICK PLUG, DOL=EA	DOL	878.40000	0.000	2.000	2.000	\$1,756.80
001	0431	96082003 CO DESCR ADDTL CO DESCR 1	000	UNIQUE CHANGE ORDER ITEM 3 CO # 5: REM/ RESET 24" RCP/ S.E.T, DOL=LS CO # 5: REM/ RESET 24" RCP/ S.E.T, DOL=LS	DOL	2,743.05000	0.000	1.000	1.000	\$2,743.05
001	0445	04672293 CO DESCR	000	SET (TY II)(42 IN)(RCP)(6:1)(P) CO 5 : DRAINAGE ADJUSTMENT	EA	4,410.00000	70.000	-4.000	66.000	-\$17,640.00
001	0446	96082002 CO DESCR ADDTL CO DESCR 1	000	UNIQUE CHANGE ORDER ITEM 2 CO # 5: REM/ RESET 42" S.E.T, DOL=LS CO # 5: REM/ RESET 42" S.E.T, DOL=LS	DOL	783.73000	0.000	1.000	1.000	\$783.73
001	0490	04962007 CO DESCR	000	REMOV STR (PIPE) CO 5 : DRAINAGE ADJUSTMENT	LF	19.50000	6,101.000	30.000	6,131.000	\$585.00

CHANGE ORDER AMOUNT \$28,169.70

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 7

(Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(61.1463% of \$35,120.59) + E&C+I

*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: \$24,285.78 )

Contract Items (Bid Items):

\$21,474.94

E&C

( 6.95% )\*

\$1,492.51

Subtotal

\$22,967.45

Indirect Cost

( 5.74% )\*\*

\$1,318.33

**TOTAL**

\$24,285.78

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

7-18-2017

By

Robert F. Hebert

County Judge

Typed/Printed Name

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:

District Engineer

Date

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





CHANGE ORDER NBR.

7

REPORT DATE: 4/27/2017 2:14:48PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$35,120.59  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$21,474.94  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION: TEMPORARY TRAFFIC SIGNALS AT FM 521, WINFIELD & HURRICANE LN  
REASON: 2A - 2A-DIFFER SITE CONDITION (UNFORESEEABLE)  
SECONDARY REASON(S):

## 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 two new items to pay for installing and operating temporary traffic signals at FM 521 and temporary traffic switch at Winfield and Chimney Rock Intersection on Trammel Fresno Road in Fort Bend County.

The contract plans are 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 traffic signals at FM 521, Colorado Street and Hurricane Lane as proposed in plan Sheet number 291 through 302 (for reference purpose only). It was observed that the tie-in grade at railroad crossing on Trammel Fresno Road and FM 521 does not fulfill the requirement of UPRR's grade crossing which require to modify tie in at FM 521. This work will be done through separate change order number 3 (for reference purpose only). To address this new situation at FM 521, this office instructed the contractor, Williams Brothers to submit price for installing and operating temporary traffic signal at FM 521. Also, it was noted that there are two existing traffic signals at Winfield Lake and Chimney Rock Intersection which are required to be adjusted during the construction and at the final project layout. However, this work was inadvertently left off during the bid items. This office requested the contractor to submit the price for the work.

The contractor submitted price justification for the additional work for temporary traffic signal at FM 521 and traffic switch at Winfield Lake and Chimney Rock Intersection. This office reviewed, evaluated and concurred that the cost associated with this work is appropriate for the amount of work to be done. Consequently, the cost of this extra work for temporary traffic signal and traffic switch work is \$35,120.59. Subsequently, our office is now proposing to add item 0681-2001-002 TEMP TRAFF SIGNALS with 1 Unit at unit price of \$28093.71/EA and item 9608-2015-002 UNIQUE CHANGE ORDER ITEM 15, TEMP TRAFFIC SWITCH, (DOL=EA) with 4 Unit at unit price of \$1,756.72/EA. The unit of measure DOL is replaced by EA.

The newly proposed rate for temporary traffic signal is lower than the 2016 October Statewide and Houston Average Low Bid price of \$35,000/EA. The traffic switch work on traffic signal at Winfield Lake and Chimney Rock is unique in nature. This rate is not comparable to any State or Houston District Average Low Bid Prices, thus this has not been provided.

Therefore, it is proposed to add above items to pay for temporary traffic signal at FM 521, traffic switch at Winfield Lake and Chimney Rock on Trammel Fresno Road in Fort Bend County.

Fort Bend County is the third party participant at 61.1463%.

Change Order Work Limits : Sta. 85+00 to Sta.218+00.

**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 changes 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 ITEMS

PROJECT NBR 091234144

[illegible]

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 8 (Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(61.1463% of \$209,350.00) + E&C+ I

*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: \$144,764.89)

Contract Items (Bid Items):	<u>\$128,009.78</u>
E&C ( <u>6.95%</u> )*	<u>\$8,896.68</u>
Subtotal	<u>\$136,906.46</u>
Indirect Cost ( <u>5.74%</u> )**	<u>\$7,858.43</u>
<b>TOTAL</b>	<u>\$144,764.89</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 7-18-2017  
By Robert E. Hebert  
County Judge  
Typed/Printed Name  
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:

District Engineer \_\_\_\_\_ Date \_\_\_\_\_

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



CHANGE ORDER NBR.

8

REPORT DATE: 5/23/2017 2:03:30PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$209,350.00  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$128,009.78  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION: JACK AND BORE 20 IN STL CASING  
REASON: 1C - 1C-DESIGN ERROR OR OMISSION (OTHER)  
SECONDARY REASON(S):

## Functions:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Extra Work       | <input type="checkbox"/> Force Account         |
| <input type="checkbox"/> Zero Dollar                 | <input type="checkbox"/> Final Quantity        |
| <input checked="" 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 pay for jack and bore to install 20 inch diameter steel casing and adjust the existing bid items related to this work 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 is required to install 200 linear feet of 12 inch water line at Hurricane Lane at Sta. 65+90.00 and 240 feet of 12 inch forced main and restrained water lines at Teal Bend at Sta. 110+00 as proposed in plan sheet numbers 425A and 425B (for reference purpose only). Installation of these lines requires crossing the existing road at above locations. The open cut installation systems are proposed in the bid item to install 20 inch steel casing. However, plan sheets referred above specifically indicate that these 12 inch water lines and forced mains are required to be installed in 20 inch steel casing, augured from right of way to right of way. To remedy this situation, this office instructed the contractor to submit the price for the same.

The contractor submitted price justification for the extra work which consists of jacking, tunnel boring or auguring to install 440 linear feet of 20 inch steel casing and adjusting four existing bid prices. This office evaluated and concurred that the cost associated with this extra works are appropriate for the amount of work to be done. Consequently, the cost of this extra work is \$209,350.00. Subsequently, our office is now proposing to add item 5969-2069-000 JCK TUN BOR OR AUG CASING (STL)(20 IN) with a quantity of 440 LF at unit price of \$613.20/LF.

The contractor's schedule shows to install 440 linear feet of steel casing will take two weeks at each location. There are two locations meaning 2X14 days = 28 days. Adding one day for preparatory work and one day for cleanup work at each location, thus resulting 28+2X2= 32 days to install 440 LF of steel casing. The contractor works 10 hours per day which requires 320 hour to do this additional work. This proposed work is unique in nature. This rate is not comparable to any State or Houston District Average Low Bid Prices, thus this has not been provided.

Therefore, it is proposed to add a new item 5969-2069-000 JCK TUN BOR OR AUG CASING (STL)(20 IN) with a quantity of 440 LF at unit price of \$613.20/LF . Also, it is proposed to deduct 200 LF from item 5969-2006-000, WATER MAIN PIPE (PVC)(12 IN) and deduct 440 LF from item 5969-2033-000, CASING STEEL (20 IN) at the existing unit prices respectively. Also, it is proposed to add 200 LF to item 5969-2171-000, WTR MAIN PIPE (PVC)(RESTRAINED JT)(12 IN) at existing unit price.

The Fort Bend County is the third party participant at 61.1463%.

Change Order Work Limits: Sta. 65+90 and Sta. 110+00.

**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 changes 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. 8

Page 3 of 3

## 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	1155	59692006 CO DESCR	000	WATER MAIN PIPE (PVC)(12IN) CO 8 : ADJUST QUANTITY TO ACCOUNT FOR JACK & BORE ITEM	LF	60.60000	550.000	-200.000	350.000	-\$12,120.00
001	1160	59692033 CO DESCR	000	CASING STEEL (20IN) CO 8 : ADJUST QUANTITY TO ACCOUNT FOR JACK & BORE ITEM	LF	155.70000	440.000	-440.000	0.000	-\$68,508.00
001	1171	59692069 CO DESCR ADDTL CO DESCR 1		JCK TUN BOR OR AUG WTR MAIN (STL)(20IN) CO 8 : ADDED ITEM TO PAY FOR JACK & BORE. CO 8 : ADDED ITEM TO PAY FOR JACK & BORE.	LF	613.20000	0.000	440.000	440.000	\$269,808.00
001	1200	59692171 CO DESCR	000	WTR MAIN PIPE (PVC)(RESTRAINED JT)12 IN CO 8 : ADJUST QUANTITY TO ACCOUNT FOR JACK & BORE ITEM	LF	100.85000	300.000	200.000	500.000	\$20,170.00

CHANGE ORDER AMOUNT \$209,350.00

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 9

(Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(100% of \$2,681.55) + E&C+ I

*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: \$3,032.54 )

Contract Items (Bid Items):

\$2,681.55

E&C ( 6.95% )\*

\$186.37

Subtotal

\$2,867.92

Indirect Cost ( 5.74% )\*\*

\$164.62

**TOTAL**

\$3,032.54

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 7-18-2017

By

Robert E. Hebert

County Judge

Typed/Printed Name

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:

District Engineer

Date

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





CHANGE ORDER NBR.

9

REPORT DATE: 12/21/2016 4:29:37PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$2,681.55  
CO TYPE: NON-PARTICIPATING  
3RD PARTY AMOUNT: \$2,681.55  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION: REMOVE AT & T MANHOLE  
REASON: 6D - 6D-UNTIMELY ROW / UTILITIES - OTHER  
SECONDARY REASON(S):

## 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 pay for removing an AT & T manhole which was in conflict with our storm sewer system at Sta. 145+00 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 storm sewer systems as proposed in plan sheet numbers 232 through 263 (for reference purpose only). However, during the installation of 36 IN Reinforced Concrete Pipe (RCP) crossing for driveway number 48 at Sta. 144+75 along Trammel Fresno Road as proposed in the plan sheet number 249 (for reference purpose only), the contractor encountered a buried AT & T manhole. This office in consultation with Fort Bend County Office and AT & T decided to remove the manhole so that the RCP could be installed as proposed on the plan sheet number 249. (for reference purpose only). This office instructed the contractor to submit the price for the same.

The contractor submitted price justification for the extra work which consist of removing the buried AT & T manhole. The CE & I Consultant, HDR reviewed and recommended for the approval. 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 \$2,681.55. Subsequently, our office is now proposing to add item 9608-2010-000 UNIQUE CHANGE ORDER ITEM 10, REMOVE AT & T MANHOLE, DOL=EA at unit price of \$2,681.55/EA. It is to be noted that the unit of measure DOL is replaced by EA.

This proposed work is unique in nature. This rate is not comparable to any State or Houston District Average Low Bid Prices, thus this has not been provided.

Therefore, it is proposed to add a new item 9608-2010-000 UNIQUE CHANGE ORDER ITEM 10, REMOVE AT & T MANHOLE, DOL=EA at unit price of \$2,681.55/EA to pay for removing AT & T manhole on Trammel Fresno Road in Fort Bend County.

The Fort Bend County is a third party participant at 100%.

Change Order Work Limits : Sta. 144+75 to Sta. 145+00.

**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 changes 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 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	0376	96082010	000	UNIQUE CHANGE ORDER ITEM 10	DOL	2,681.55000	0.000	1.000	1.000	\$2,681.55
		CO DESCR		CO # 9 : REM AT & T MANHOLE						
		ADDTL CO DESCR 1		CO # 9 : REM AT & T MANHOLE						

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 10

(Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(100% of \$23,429.48) + E&C+ I

*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: \$26,496.15 )

Contract Items (Bid Items): \$23,429.48

E&C ( 6.95% )\* \$1,628.35

Subtotal \$25,057.83

Indirect Cost ( 5.74% )\*\* \$1,438.32

**TOTAL** \$26,496.15

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 7-18-2017

By Robert F. Hebert

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:

District Engineer

Date

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



CHANGE ORDER NBR.

10

REPORT DATE: 4/27/2017 2:14:43PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45  
CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$23,429.48  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$23,429.48  
APPRV LEVEL: OVERRIDE

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

DESCRIPTION: ADD OUTFALL PROTECTION WORK  
REASON: 4B - 4B-3RD PARTY REQUEST FOR ADDITIONAL WORK  
SECONDARY REASON(S):

## 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 two new items to pay for placing sloped paving at the bottom of Cambridge Falls Pond and pumping cost to keep pond dry during the construction of this sloped paving 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 42 inch diameter outfall pipe at Sta. 100+00 and 7' X 4' reinforced concrete outfall culvert at Sta. 102+00 as proposed in plan sheet numbers 239 (for reference purpose only). However, Fort Bend County MU District 23 requested to install slope paving when constructing such outfall structures into the Cambridge Falls Lake as shown on plan sheet number 260 (for reference purpose only) . This office in consultation with Fort Bend County Office instructed the contractor to place such slope paving to protect the lake bed erosion. Also, this office instructed the contractor to submit the price for the same.

The contractor submitted price justification for the extra work which consists of installing sloped paving using class C concrete and required reinforcing steel. The slope paving concrete also has toe wall to protect the sloped paving from sliding. This price submittal also includes the cost of pumping the lake water to keep work area dry during the construction of this additional work. This office evaluated and concurred that the cost associated with this extra works are appropriate for the amount of work to be done. Consequently, the cost of this extra work is \$23,429.48. Subsequently, our office is now proposing to add item 9608-2020-000 UNIQUE CHANGE ORDER ITEM 20, OUTFALL PROTECTION WORK, DOL=EA at unit price of \$10,816.54/EA. It is to be noted that the unit of measure DOL is replaced by EA. Also, add item 9608-2021-000, UNIQUE CHANGE ORDER ITEM 21, PUMPING, DOL = HR with 40 hour at unit rate of \$44.91/HR. Please note the unit of measure DOL is replaced by HR.

This proposed works are unique in nature. These rates are not comparable to any State or Houston District Average Low Bid Prices, thus these have not been provided.

Therefore, it is proposed to add a new item 9608-2020-000 UNIQUE CHANGE ORDER ITEM 20, OUTFALL PROTECTION WORK, DOL=EA at unit price of \$10,816.54/EA and item 9608-2021-000, PUMPING, DOL=HR at unit rate of 44.91/HR.

Fort Bend County is third the party participant at 100% for this work.

Change Order Work Limits : Sta. 100+000 and 102+00.

**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 changes 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 ITEMS

PROJECT NBR 091234144

[illegible]

# TEXAS DEPARTMENT OF TRANSPORTATION

CHANGE ORDER NUMBER: 11

(Supporting Supplemental Agreement No. N/A )

## Advance Funding Agreement (Third Party Funding) Information

(61.1463% of \$19,860.17) + E&C+ I

*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: \$13,733.25 )

Contract Items (Bid Items):

\$12,143.76

E&C

( 6.95% )\*

\$843.99

Subtotal

\$12,987.75

Indirect Cost

( 5.74% )\*\*

\$745.50

**TOTAL**

\$13,733.25

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 7-18-2017

By

Robert E. Hebert

County Judge

Typed/Printed Name

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:

District Engineer

Date

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





CHANGE ORDER NBR.

11

REPORT DATE: 6/5/2017 4:20:24PM

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: \$20,947,455.45  
PEND ADJ PROJ AMT: \$20,947,455.45

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

DESCRIPTION: TEMPORARY WIDENING AT CROSS STREET  
REASON: 3L - 3L-REVISING SAFETY MEASURES  
SECONDARY REASON(S):

CONTRACTOR: WILLIAMS BROTHERS CONSTRUCTION CO.,  
INC.  
CO AMOUNT: \$19,860.17  
CO TYPE: FEDERAL PARTICIPATING  
3RD PARTY AMOUNT: \$12,143.76  
APPRV LEVEL: OVERRIDE

## Functions:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Extra Work       | <input type="checkbox"/> Force Account         |
| <input type="checkbox"/> Zero Dollar                 | <input type="checkbox"/> Final Quantity        |
| <input checked="" 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 adjusting quantities on two existing items and adding two new items to pay for temporary widening of street streets during the installation of drainage system at side streets 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 drainage system in the cross streets along Trammel Fresno Road from Sta. 58+00 to Sta. 192+00 as proposed in plan sheet numbers 232 through 252 (for reference purpose only). It was noted that the cross streets, Maryland, Ohio, Pennsylvania and Indiana are not wide enough to install drainage system in phases to give continuous access, thus requiring to widen the cross street to install drainage system. To remedy this situation, this office instructed the contractor to widen these cross streets to install drainage system. Also, this office instructed the contractor to submit the price for the work.

The contractor submitted price justification for the extra work which consists of removing existing pavement and base, subgrade widening, installing asphalt stabilize base grade 2, cut and restore the asphalt pavement after installing the drainage system. The contractor proposed to use February 2017 Houston District Average Low Bid Prices. This office evaluated and concurred that the cost associated with this extra works are appropriate for the amount of work to be done. Consequently, the cost of this extra work is \$19,860.17. Subsequently, our office is now proposing to add 67.50 SY to item 0105-2037-000 REM STAB BASE AND ASPH PAV (0-16") and add 115.00 SY to item 0400-2008-000 at existing unit prices of \$6.00/SY and \$125.00/SY respectively. Also, this office is proposing to add new item 0112-2001-000, SUBGRADE WIDENING with a quantity of 3.51 Sta. at unit price of \$567.00/STA and add new item 0292-2002-000, ASPHLAT STAB BASE, GR 2 (PG 64) with a quantity of 41.20 TON at the unit price of 75.00/TON.

This proposed works are unique in nature and the use of available Houston District Average Low Bid Prices is justifiable. These prices are attached for your reference.

Therefore, it is proposed to add a 67.50 SY to item 0105-2037-000 REM STAB BASE AND ASPH PAV (0-16") and add 115.00 SY to item 0400-2008-000, add new item 0112-2001-000, SUBGRADE WIDENING with a quantity of 3.51 Sta. at unit price of \$567.00/STA and add new item 0292-2002-000, ASPHLAT STAB BASE, GR 2 (PG 64) with a quantity of 41.20 TON at the unit price of 75.00/TON.

Fort Bend County is the third party participant at 61.1463%

Change Order Work Limits: Sta.58+00 to Sta. 192+00

**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 changes 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

Page 3 of 3

PROJECT NBR 091234144

[illegible]

**CHANGE ORDER STATUS - TRAMMEL FRESNO ROAD**

May-17

CO NUMBER	DESCRIPTION	AMOUNT	DESCRIPTION2	STATUS
1	Replace SET's	\$ 39,245.34	Replace 4:1 Safety End Treatments on culverts with 6:1 SET's to meet slope safety requirements.	RPS/KA has reviewed the CO and has no objection. Fort Bend County to sign Change Order / AFA.
4	Traffic Signal Upgrade at Hurricane Ln	\$ 107,450.32	Replace standard signal poles and signal heads with City of Missouri City decorative standard signals.	RPS/KA has reviewed the CO and has no objection to the addition of this work.
5	Drainage Upgrade work	\$ 28,169.70	Changes to drainage system due to discovery of an existing buried abutment. Changes involved moving a 6' x 6' box culvert and other adjustments to the drainage system.	RPS/KA has reviewed the CO and has no objection to the addition of this work.
7	Temporary signals at Winfield, Chimney Rock and FM 521	\$ 35,120.59	Installation of temporary signals UPRR's at FM 521. Other work includes adjustments at other signals not covered by bid items.	RPS/KA has reviewed the CO and offers no objection to addition of this work.
8	Jack and bore 20 in steel casing	\$ 209,350.00	Jacking, tunnel boring or auguring to install 20 inch dia steel casing for 440 linear ft and at Hurricane Lane and Teal Bend and adjusting four existing bid prices.	RPS/KA has reviewed the CO and offers no objection to the addition of this work.
9	Removal of ATT Manhole	\$ 2,681.55	Removal of an existing ATT manhole to allow construction of storm drainage system	RPS/KA offers no objection to this CO.
10	Slope Paving and Pumping - Detention Pond	\$ 23,429.48	Installation of concrete slope paving to provide ditch slope protection at Storm Sewer outfall for MUD 23 in Cambridge Falls Lake.	RPS/KA offers no objection to this work and is waiting for preliminary review comments from District Construction.
11	Temporary Widening at Cross Streets Maryland, Ohio, Pennsylvania and Indiana	\$19,860.17	Temporary widen cross streets Maryland, Ohio, Pennsylvania and Indiana to accommodate traffic and install drainage system. Subsequently, also includes Cut & Restore Pav.	RPS/KA has reviewed the CO and offers no objection to the addition of this work.

**Total: \$465,307.15**



P.O. BOX 1386 | HOUSTON, TEXAS 77251-1386 | (713) 802-5000 | WWW.TXDOT.GOV

December 8, 2014

CERTIFIED MAIL 7004 0750 0001 8484 9801

Richard W. Stolleis, P.E.  
Fort Bend County Engineer  
301 Jackson Street,  
Richmond, Texas 77469

RE: STP 2010(596) MM  
Fort Bend County  
CSJ 0912-34-144  
CR: Trammel Fresno Road from Fort Bend Parkway to FM 521

Dear Mr. Stolleis:

The subject project let for construction on December 2, 2014. The low bidder was Williams Brothers Construction Company. A copy of the low bid is attached for your reference. Per the terms of the funding agreement between the Texas Department of Transportation (TxDOT) and Fort Bend County (County), TxDOT agreed to notify the County of the amount of funds payable by the County to TxDOT for this project.

The project is funded under the Category 7 Metro Mobility/Rehabilitation program. Per the original agreement the funding is 38.8537 percent Federal and 61.1463 percent County. The County is responsible for paying for all items in excess of the Federal participation.

The attached cost calculation worksheet details the funding responsibilities for the projects. The County's cost participation is \$14,596,573.33. Thus, the total owed by the County is \$14,596,573.33.

The original agreement allocated \$7,455,105 in Federal funds to the project. In the interim the Houston Galveston Area Council (H-GAC) has increased the Federal allocation to \$8,721,419.00. The County's funding commitment in the original agreement was \$11,732,539. Based on the additional Federal funds allocated to the project and the 38.8537/61.1463 funding split the County's funding commitment would increase to  $(\$8,721,419.00 / .388537) - \$8,721,419.00 = \$13,725,398.16$ . We understand that you are requesting additional funds from the H-GAC. While this process is pending we will accept an initial payment of the amount committed by the County in the original funding agreement.

**OUR GOALS**

MAINTAIN A SAFE SYSTEM ▪ ADDRESS CONGESTION ▪ CONNECT TEXAS COMMUNITIES ▪ BEST IN CLASS STATE AGENCY  
*An Equal Opportunity Employer*

Please consider this letter as your notification that a payment of \$11,732,539 is now due and payable to TxDOT for the County's funding participation for this project. We trust that your negotiations with the H-GAC will be concluded in short order and a final allocation of funds can be determined. In the interim we will award the project to the low bidder upon receipt of the requested funds.

If you should have any questions concerning this matter, please contact me, at 713-802-5501.

Sincerely,



Mark D. Patterson, P.E.  
Director Consultant  
Contracts Administration  
Houston District

MP:ht  
Attachments

ok to pay  
12/17/14

**FUNDING COST ESTIMATE 12/5/14 FUNDING BASED ON 80% FED & 20% LOCAL  
FIGURES BASED ON LOW BID**

Trammel Fresno Road from Fort Bend Parkway to FM 521 CSJ 0912-34-144			
EXPENSES	COUNTY	FEDERAL	TOTAL
Construction Costs	\$4,172,891.09	\$16,691,564.36	\$20,864,455.45
Force Account Work	\$192,000.00	\$768,000.00	\$960,000.00
TxDOT Construction Management	\$292,102.38	\$1,168,409.51	\$1,460,511.88
Review Cost	\$17,000.00	\$68,000.00	\$85,000.00
<b>TOTAL ROADWAY PROJECT</b>	<b>\$4,673,993.47</b>	<b>\$18,695,973.87</b>	<b>\$23,369,967.33</b>

TOTAL FUNDS OWED BY COUNTY	\$4,673,993.47
COSTS IN EXCESS OF FEDERAL SHARE	\$9,974,554.87 (\$18,695,973.87-\$8,721,419)
REVIEW COSTS PAID BY COUNTY	-\$51,975.00
FUNDS OWED BY COUNTY	\$14,596,573.33

TOTAL FEDERAL FUNDS AVAILABLE =	\$8,721,419.00
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**FUNDING COST ESTIMATE 12/5/14 FUNDING BASED ON 38.8537% FED & 61.1463% LOCAL  
FIGURES BASED ON LOW BID**

Trammel Fresno Road from Fort Bend Parkway to FM 521 CSJ 0912-34-144			
EXPENSES	COUNTY	FEDERAL	TOTAL
Construction Costs	\$12,757,842.52	\$8,106,612.93	\$20,864,455.45
Force Account Work	\$587,004.48	\$372,995.52	\$960,000.00
TxDOT Construction Management	\$893,048.98	\$567,462.90	\$1,460,511.88
Review Cost	\$51,974.36	\$33,025.65	\$85,000.00
<b>TOTAL ROADWAY PROJECT</b>	<b>\$14,289,870.33</b>	<b>\$9,080,097.00</b>	<b>\$23,369,967.33</b>

TOTAL FUNDS OWED BY COUNTY	\$14,289,870.33
COSTS IN EXCESS OF FEDERAL SHARE	\$358,678.00 (\$9,080,097-\$8,721,419)
REVIEW COSTS PAID BY COUNTY	-\$51,975.00
FUNDS OWED BY COUNTY	\$14,596,573.33

TOTAL FEDERAL FUNDS AVAILABLE =	\$8,721,419.00
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CONTRACT NO. 12143003  
 PROJECT STP 2010(596)MM  
 CONTROL 0912-34-144  
 HIGHWAY CS  
 COUNTY FORT BEND  
 DISTRICT 12

STP  
 2010  
 596

CCSJ: 091234144

PROJECT AGREEMENT ESTIMATE  
 TEXAS DEPARTMENT OF TRANSPORTATION

CONTRACTOR WILLIAMS BROTHERS CONSTRUCTION CO., INC.

ADDRESS HOUSTON

TX

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
----------	-----------	----------	-----	-------------	------	--------------------	----------------	--------

PWP: N EDCP: TAPERED MATCH: PRESERVATION %: 000 MOBILITY %: 100

DISTRICT 12 COUNTY FORT BEND CONTROL 0912-34-144 LENGTH 3.041 STP 2010(596)MM

TYPE: GR, STR, BASE AND OAVE  
 LIMITS FROM: TRAMMEL FRESNO RD, FORT BEND PKWY  
 TO : FM 521

CONTINGENCY %: 1.99 PCO %: 3.74 INDIRECT %: 5.74 ENGINEERING %: 4.96

PREPARED BY MICHAEL ALFORD, P.E DIST. ENGR.

DATE: OCTOBER 23, 2014

ROADWAY NET LENGTH 3.030 MILES

0100	2002	002		PREPARING ROW	STA	160.480	\$ 13,300.000	\$ 2,134,384.00
0104	2001			REMOVING CONC (PAV)	SY	2,496.000	10.000	24,960.00
0104	2017			REMOVING CONC (DRIVEWAYS)	SY	3,087.000	10.000	30,870.00
0104	2021			REMOVING CONC (CURB)	LF	1,798.000	2.000	3,596.00
0104	2036			REMOVING CONC (SIDEWALK OR RAMP)	SY	930.000	5.000	4,650.00
0105	2037			REMOVING STAB BASE AND ASPH PAV(0"-16")	SY	53,474.000	6.000	320,844.00
0110	2001			EXCAVATION (ROADWAY)	CY	83,797.000	9.000	754,173.00
0110	2002			EXCAVATION (CHANNEL)	CY	41,934.000	11.000	461,274.00
0132	2006			EMBANKMENT (FINAL) (DENS CONT) (TY C)	CY	68,404.000	9.000	615,636.00
0161	2017	006		COMPOST MANUF TOPSOIL (BIP) (4")	SY	1,200,289.000	.010	12,002.89
0162	2002	001		BLOCK SODDING	SY	21,217.000	2.500	53,042.50
0162	2003	001		STRAW OR HAY MULCH	SY	125,423.000	.200	25,084.60
0164	2037	002		DRILL SEEDING (PERM) (URBAN) (SANDY)	SY	115,743.000	.200	23,148.60
0166	2001	001		FERTILIZER	AC	24.900	600.000	14,940.00
0168	2001			VEGETATIVE WATERING	MG	2,988.000	15.000	44,820.00
0260	2006	003		LIME TRT (EXST MATL) (6")	SY	116,166.000	2.000	232,332.00
0260	2012	003		LIME (HYD, COM OR QK) (SLRY) OR QK (DRY)	TON	1,855.000	150.000	278,250.00
0276	2225			CEM TRT (PLNT MX) (CL N) (TY D) (GR4) (12")	SY	1,064.000	10.000	10,640.00
0292	2017			ASPHALT STAB BASE (GR 4) (PG 64)	TON	185.000	61.000	11,285.00
0354	2016			PLAN & TEXT CONC PAV(0" TO 1-1/2")	SY	1,279.000	6.000	7,674.00



ITEM NO.	DESC CODE	S.P. NO. ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0360	2026	013	CONC PAV (JOINT REINF) (10")	SY	113,120.000	\$ 35.920	\$ 4,063,270.40
0416	2031	001	DRILL SHAFT (TRF SIG POLE) (30 IN)	LF	28.000	210.000	5,880.00
0400	2005		CEM STABIL BKFL	CY	16,459.000	20.000	329,180.00
0400	2008		CUT & RESTORING PAV (ASPH)	SY	120.000	125.000	15,000.00
0402	2001		TRENCH EXCAVATION PROTECTION	LF	18,000.000	1.000	18,000.00
0416	2032	001	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	80.000	220.000	17,600.00
0416	2034	001	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	110.000	400.000	44,000.00
0420	2033		CL S CONC (APPR SLAB)	CY	133.870	250.000	33,467.50
0432	2084		RIPRAP (CONC) (CL B) (4")	CY	674.000	450.000	303,300.00
0460	2009		CMP (GAL STL 48 IN)	LF	120.000	224.400	26,928.00
0462	2001	015	CONC BOX CULV (3 FT X 2 FT)	LF	152.000	148.100	22,511.20
0462	2002	015	CONC BOX CULV (3 FT X 3 FT)	LF	24.000	154.600	3,710.40
0462	2003	015	CONC BOX CULV (4 FT X 2 FT)	LF	237.000	169.100	40,076.70
0462	2004	015	CONC BOX CULV (4 FT X 3 FT)	LF	229.000	182.600	41,815.40
0462	2007	015	CONC BOX CULV (5 FT X 3 FT)	LF	96.000	230.600	22,137.60
0462	2011	015	CONC BOX CULV (6 FT X 4 FT)	LF	1,409.000	255.500	359,999.50
0462	2013	015	CONC BOX CULV (6 FT X 6 FT)	LF	172.000	314.000	54,008.00
0462	2015	015	CONC BOX CULV (7 FT X 4 FT)	LF	1,346.000	332.900	448,083.40
0464	2003	006	RC PIPE (CL III) (18 IN)	LF	5.000	58.850	294.25
0464	2005	006	RC PIPE (CL III) (24 IN)	LF	3,139.000	50.150	157,420.85
0464	2007	006	RC PIPE (CL III) (30 IN)	LF	2,492.000	77.400	192,880.80
0464	2009	006	RC PIPE (CL III) (36 IN)	LF	1,830.000	84.200	154,086.00
0464	2010	006	RC PIPE (CL III) (42 IN)	LF	1,731.000	115.200	199,411.20
0464	2011	006	RC PIPE (CL III) (48 IN)	LF	2,952.000	117.350	346,417.20
0464	2012	006	RC PIPE (CL III) (54 IN)	LF	1,451.000	149.650	217,142.15
0464	2013	006	RC PIPE (CL III) (60 IN)	LF	2,360.000	170.000	401,200.00
0465	2001	002	INLET (COMPL) (TY C)	EA	40.000	2,845.000	113,800.00
0465	2005	002	MANH (COMPL) (TY M)	EA	3.000	5,695.000	17,085.00
0465	2007	002	INLET EXT (TY C)	EA	44.000	1,105.000	48,620.00
0465	2010	002	INLET (COMPL) (TY AAD)	EA	2.000	3,495.000	6,990.00
0465	2012	002	INLET (COMPL) (TY A)	EA	18.000	2,380.000	42,840.00
0465	2013	002	MANH (COMPL) (TY A)	EA	24.000	2,969.000	71,256.00
0465	2014	002	MANH (COMPL) (JUNCT BOX)	EA	4.000	13,421.000	53,684.00
0465	2094	002	MANH (COMPL) (TY 2) (PIPE RISER)	EA	2.000	1,641.000	3,282.00
0465	2098	002	INLET (COMPL) (TY C1)	EA	11.000	4,095.000	45,045.00
0465	2121	002	MANH (COMPL) (TY B)	EA	7.000	4,250.000	29,750.00
0465	2229	002	INLET EXT (TY C1)	EA	17.000	1,105.000	18,785.00
0465	2491	002	INLET (COMPL) (TY A) (MOD)	EA	8.000	1,355.000	10,840.00
0466	2056		WINGWALL (PW) (HW=12 FT)	EA	2.000	42,425.000	84,850.00
0467	2107		SET (TY I) (S= 4 FT) (HW= 3 FT) (4:1) (C)	EA	6.000	4,767.000	28,602.00
0467	2113		SET (TY I) (S= 5 FT) (HW= 3 FT) (4:1) (C)	EA	4.000	4,821.000	19,284.00
0467	2288		SET (TY II) (24 IN) (RCP) (6:1) (P)	EA	10.000	908.000	9,080.00
0467	2290		SET (TY II) (30 IN) (RCP) (6:1) (P)	EA	51.000	2,092.000	106,692.00
0467	2292		SET (TY II) (36 IN) (RCP) (6:1) (P)	EA	24.000	2,875.000	69,000.00
0467	2293		SET (TY II) (42 IN) (RCP) (6:1) (P)	EA	70.000	4,410.000	308,700.00
0467	2294		SET (TY II) (48 IN) (RCP) (6:1) (P)	EA	52.000	4,586.000	238,472.00
0467	2403		SET (TY I) (S=3 FT) (HW= 2 FT) (4:1) (C)	EA	8.000	2,377.000	19,016.00
0467	2429		SET (TY I) (S= 3 FT) (HW= 3 FT) (4:1) (P)	EA	2.000	3,034.000	6,068.00
0467	2431		SET (TY 1) (S=4FT) (HW=2FT) (6:1)	EA	12.000	5,892.000	70,704.00
0496	2002		REMOV STR (INLET)	EA	9.000	705.000	6,345.00
0496	2003		REMOV STR (MANHOLE)	EA	3.000	705.000	2,115.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0496	2004			REMOV STR (SET)	EA	34.000	\$ 504.000	\$ 17,136.00
0496	2006			REMOV STR (HEADWALL)	EA	3.000	1,190.000	3,570.00
0496	2007			REMOV STR (PIPE)	LF	6,101.000	19.500	118,969.50
0500	2001	011		MOBILIZATION	LS	1.000	2,300,000.000	2,300,000.00
0502	2001	033		BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	30.000	5,000.000	150,000.00
0508	2002			CONSTRUCTING DETOURS	SY	9,605.000	57.000	547,485.00
0512	2008	002		PORT CTB (FUR & INST) (LOW PROF) (TY 1)	LF	500.000	35.000	17,500.00
0512	2009	002		PORT CTB (FUR & INST) (LOW PROF) (TY 2)	LF	80.000	35.000	2,800.00
0512	2035	002		PORT CTB (STKPL) (LOW PROF) (TY 1)	LF	500.000	15.000	7,500.00
0512	2036	002		PORT CTB (STKPL) (LOW PROF) (TY 2)	LF	80.000	15.000	1,200.00
0529	2002			CONC CURB (TY II)	LF	17,803.000	4.000	71,212.00
0530	2010	006		DRIVEWAYS (CONC)	SY	8,056.000	60.000	483,360.00
0531	2010			CURB RAMPS (TY 7)	EA	4.000	1,500.000	6,000.00
0531	2012			CURB RAMPS (TY 9)	EA	15.000	1,500.000	22,500.00
0531	2015			CONC SIDEWALKS (4")	SY	10,052.000	60.000	603,120.00
0540	2001	031		MTL W-BEAM GD FEN (TIM POST)	LF	425.000	32.000	13,600.00
0540	2005	031		TERMINAL ANCHOR SECTION	EA	4.000	862.000	3,448.00
0540	2011	031		MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	4.000	1,935.000	7,740.00
0542	2001			REMOVING METAL BEAM GUARD FENCE	LF	708.000	3.500	2,478.00
0542	2002			REMOVING TERMINAL ANCHOR SECTION	EA	6.000	157.500	945.00
0544	2001			GUARDRAIL END TREATMENT (INSTALL)	EA	4.000	2,675.000	10,700.00
0618	2034			CONDT (PVC) (SCHD 80) (2")	LF	400.000	7.000	2,800.00
0618	2035			CONDT (PVC) (SCHD 80) (2") (BORE)	LF	850.000	7.500	6,375.00
0618	2038			CONDT (PVC) (SCHD 80) (3")	LF	160.000	13.000	2,080.00
0618	2034			CONDT (PVC) (SCHD 80) (2")	LF	400.000	7.000	2,800.00
0618	2035			CONDT (PVC) (SCHD 80) (2") (BORE)	LF	850.000	7.500	6,375.00
0618	2038			CONDT (PVC) (SCHD 80) (3")	LF	160.000	13.000	2,080.00
0618	2039			CONDT (PVC) (SCHD 80) (3") (BORE)	LF	600.000	13.500	8,100.00
0618	2040			CONDT (PVC) (SCHD 80) (4")	LF	100.000	16.000	1,600.00
0618	2041			CONDT (PVC) (SCHD 80) (4") (BORE)	LF	90.000	17.000	1,530.00
0620	2007	001		ELEC CONDR (NO. 4) BARE	LF	30.000	1.500	45.00
0620	2008	001		ELEC CONDR (NO. 4) INSULATED	LF	220.000	1.500	330.00
0620	2009	001		ELEC CONDR (NO. 6) BARE	LF	2,160.000	1.000	2,160.00
0621	2004			TRAY CABLE (4 CONDR) (12 AWG)	LF	1,290.000	1.500	1,935.00
0624	2013	014		GROUND BOX TY D (162922)	EA	14.000	620.000	8,680.00
0628	2100	003		ELC SRV TY D 120/240 070 (NS)SS(E)SP(O)	EA	2.000	4,500.000	9,000.00
0644	2001			IN SM RD SN SUP&AM TY10BWG(1)SA(P)	EA	38.000	350.000	13,300.00
0644	2004			IN SM RD SN SUP&AM TY10BWG(1)SA(T)	EA	20.000	400.000	8,000.00
0644	2026			IN SM RD SN SUP&AM TYS80(1)SA(T-2EXT)	EA	6.000	750.000	4,500.00
0644	2056			RELOCATE SM RD SN SUP & AM TY 10BWG	EA	6.000	400.000	2,400.00
0644	2058			RELOCATE SM RD SN SUP & AM TY S80	EA	2.000	415.000	830.00
0658	2240			INSTL DEL ASSM (D-SW)SZ 1 (FLX)GF2	EA	16.000	22.500	360.00
0658	2316			INSTL OM ASSM (OM-2Z) (FLX)GND	EA	4.000	50.000	200.00
0662	2004			WK ZN PAV MRK NON-REMOV (W) 4" (SLD)	LF	14,944.000	.140	2,092.16
0662	2012			WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF	198.000	1.000	198.00
0662	2016			WK ZN PAV MRK NON-REMOV (W) 24" (SLD)	LF	81.000	5.000	405.00
0662	2017			WK ZN PAV MRK NON-REMOV (W) (ARROW)	EA	1.000	175.000	175.00
0662	2027			WK ZN PAV MRK NON-REMOV (W) (WORD)	EA	1.000	175.000	175.00
0662	2031			WK ZN PAV MRK NON-REMOV (Y) 4" (DOT)	LF	634.000	.500	317.00
0662	2032			WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	15,097.000	.140	2,113.58
0662	2064			WK ZN PAV MRK REMOV (W) 4" (BRK)	LF	120.000	1.000	120.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0662	2067			WK ZN PAV MRK REMOV (W) 4" (SLD)	LF	62,186.000	\$ .510	\$ 31,714.86
0662	2075			WK ZN PAV MRK REMOV (W) 8" (SLD)	LF	369.000	.980	361.62
0662	2079			WK ZN PAV MRK REMOV (W) 24" (SLD)	LF	293.000	5.000	1,465.00
0662	2084			WK ZN PAV MRK REMOV (W) (ARROW)	EA	1.000	175.000	175.00
0662	2094			WK ZN PAV MRK REMOV (W) (WORD)	EA	1.000	175.000	175.00
0662	2097			WK ZN PAV MRK REMOV (Y) 4" (BRK)	LF	20.000	1.000	20.00
0662	2098			WK ZN PAV MRK REMOV (Y) 4" (DOT)	LF	3,169.000	1.200	3,802.80
0662	2099			WK ZN PAV MRK REMOV (Y) 4" (SLD)	LF	75,580.000	.510	38,545.80
0666	2003	014		REFL PAV MRK TY I (W) 4" (BRK) (100MIL)	LF	7,092.000	.350	2,482.20
0666	2012	014		REFL PAV MRK TY I (W) 4" (SLD) (100MIL)	LF	35.000	.350	12.25
0666	2024	014		REFL PAV MRK TY I (W) 6" (SLD) (100MIL)	LF	16,439.000	.450	7,397.55
0666	2036	014		REFL PAV MRK TY I (W) 8" (SLD) (100MIL)	LF	4,178.000	1.000	4,178.00
0666	2042	014		REFL PAV MRK TY I (W) 12" (SLD) (100MIL)	LF	2,554.000	2.300	5,874.20
0666	2048	014		REFL PAV MRK TY I (W) 24" (SLD) (100MIL)	LF	1,176.000	4.400	5,174.40
0666	2054	014		REFL PAV MRK TY I (W) (ARROW) (100MIL)	EA	28.000	100.000	2,800.00
0666	2084	014		REFL PAV MRK TY I (W) (RR XING) (100MIL)	EA	6.000	280.000	1,680.00
0666	2096	014		REFL PAV MRK TY I (W) (WORD) (100MIL)	EA	28.000	115.000	3,220.00
0666	2111	014		REFL PAV MRK TY I (Y) 4" (SLD) (100MIL)	LF	34.000	.350	11.90
0666	2114	014		REFL PAV MRK TY I (Y) 6" (BRK) (100MIL)	LF	5,281.000	.600	3,168.60
0666	2120	014		REFL PAV MRK TY I (Y) 6" (SLD) (100MIL)	LF	30,178.000	.450	13,580.10
0666	2183	014		REF PAV MRK TY II (Y) 12" (SLD)	LF	212.000	1.050	222.60
0666	2188	014		REF PAV MRK TY II (Y) (MED NOSE)	EA	6.000	130.000	780.00
0666	2189	014		PAVEMENT SEALER 4"	LF	7,181.000	.080	574.48
0666	2190	014		PAVEMENT SEALER 6"	LF	51,899.000	.100	5,189.90
0666	2191	014		PAVEMENT SEALER 8"	LF	4,178.000	.140	584.92
0666	2193	014		PAVEMENT SEALER 12"	LF	2,554.000	.260	664.04
0666	2195	014		PAVEMENT SEALER 24"	LF	1,176.000	.500	588.00
0666	2219	014		PAVEMENT SEALER (ARROW)	EA	28.000	15.000	420.00
0666	2220	014		PAVEMENT SEALER (WORD)	EA	28.000	15.000	420.00
0666	2221	014		PAVEMENT SEALER (MED NOSE)	EA	6.000	15.000	90.00
0666	2228	014		PAVEMENT SEALER RR XING	EA	6.000	25.000	150.00
0672	2012	034		REFL PAV MRKR TY I-C	EA	549.000	3.300	1,811.70
0672	2015	034		REFL PAV MRKR TY II-A-A	EA	952.000	3.300	3,141.60
0672	2017	034		REFL PAV MRKR TY II-C-R	EA	4.000	3.300	13.20
0677	2001			ELIM EXT PAV MRK & MRKS ( 4")	LF	2,843.000	.250	710.75
0677	2003			ELIM EXT PAV MRK & MRKS ( 8")	LF	621.000	.320	198.72
0677	2005			ELIM EXT PAV MRK & MRKS (12")	LF	258.000	.600	154.80
0677	2007			ELIM EXT PAV MRK & MRKS (24")	LF	323.000	1.250	403.75
0677	2008			ELIM EXT PAV MRK & MRKS (ARROW)	EA	5.000	60.000	300.00
0677	2018			ELIM EXT PAV MRK & MRKS (WORD)	EA	5.000	60.000	300.00
0678	2001			PAV SURF PREP FOR MRK ( 4")	LF	89.000	.020	1.78
0678	2002			PAV SURF PREP FOR MRK ( 6")	LF	51,899.000	.030	1,556.97
0678	2003			PAV SURF PREP FOR MRK ( 8")	LF	4,024.000	.060	241.44
0678	2004			PAV SURF PREP FOR MRK (12")	LF	2,554.000	.120	306.48
0678	2006			PAV SURF PREP FOR MRK (24")	LF	1,176.000	.180	211.68
0678	2007			PAV SURF PREP FOR MRK (ARROW)	EA	28.000	10.000	280.00
0678	2012			PAV SURF PREP FOR MRK (MED NOSE)	EA	6.000	30.000	180.00
0678	2014			PAV SURF PREP FOR MRK (RR XING)	EA	6.000	12.000	72.00
0678	2018			PAV SURF PREP FOR MRK (WORD)	EA	28.000	10.000	280.00
0678	2026			PAV SURF PREP FOR MRKS (9")	LF	7,072.000	.140	990.08
0680	2002			INSTALL HWY TRF SIG (ISOLATED)	EA	3.000	14,480.000	43,440.00

ITEM NO.	DESC CODE	S.P. NO.	ALT	DESCRIPTION	UNIT	ESTIMATED QUANTITY	PRICE PER UNIT	AMOUNT
0681	2001	002		TEMP TRAF SIGNALS	EA	1.000	\$ 15,000.000	\$ 15,000.00
0682	2001	003		BACK PLATE (12 IN) (3 SEC)	EA	23.000	60.000	1,380.00
0682	2002	003		BACK PLATE (12 IN) (4 SEC)	EA	6.000	100.000	600.00
0682	2022	003		VEH SIG SEC (12 IN) LED (GRN ARW)	EA	6.000	175.000	1,050.00
0682	2023	003		VEH SIG SEC (12 IN) LED (GRN)	EA	23.000	175.000	4,025.00
0682	2024	003		VEH SIG SEC (12 IN) LED (YEL ARW)	EA	6.000	175.000	1,050.00
0682	2025	003		VEH SIG SEC (12 IN) LED (YEL)	EA	23.000	175.000	4,025.00
0682	2026	003		VEH SIG SEC (12 IN) LED (RED ARW)	EA	12.000	175.000	2,100.00
0682	2027	003		VEH SIG SEC (12 IN) LED (RED)	EA	23.000	175.000	4,025.00
0682	2066	003		PED SIG SEC (12 IN) LED (COUNTDOWN)	EA	12.000	460.000	5,520.00
0684	2007			TRF SIG CBL (TY A) (12 AWG) ( 2 CONDR)	LF	80.000	1.000	80.00
0684	2012			TRF SIG CBL (TY A) (12 AWG) ( 7 CONDR)	LF	1,950.000	1.200	2,340.00
0684	2028			TRF SIG CBL (TY A) (14 AWG) ( 2 CONDR)	LF	1,610.000	1.300	2,093.00
0684	2030			TRF SIG CBL (TY A) (14 AWG) ( 4 CONDR)	LF	1,700.000	1.000	1,700.00
0684	2033			TRF SIG CBL (TY A) (14 AWG) ( 7 CONDR)	LF	2,420.000	1.250	3,025.00
0684	2049			TRF SIG CBL (TY A) (16 AWG) ( 3 CONDR)	LF	2,840.000	.750	2,130.00
0686	2027			INS TRF SIG PL AM(S) 1 ARM (28')	EA	2.000	5,250.000	10,500.00
0686	2039			INS TRF SIG PL AM(S) 1 ARM (40')	EA	2.000	7,400.000	14,800.00
0686	2043			INS TRF SIG PL AM(S) 1 ARM (44')	EA	2.000	7,425.000	14,850.00
0686	2045			INS TRF SIG PL AM(S) 1 ARM (44') LUM	EA	1.000	9,100.000	9,100.00
0686	2053			INS TRF SIG PL AM(S) 1 ARM (50') LUM	EA	3.000	15,600.000	46,800.00
0686	2057			INS TRF SIG PL AM(S) 1 ARM (55') LUM	EA	1.000	16,100.000	16,100.00
0686	2061			INS TRF SIG PL AM(S) 1 ARM (60') LUM	EA	1.000	16,400.000	16,400.00
0687	2001	005		PED POLE ASSEMBLY	EA	1.000	1,200.000	1,200.00
0688	2001			PED DETECT (2 INCH PUSH BTN)	EA	4.000	100.000	400.00
1122	2002	001		ROCK FILTER DAMS (INSTALL) (TY 2)	LF	386.000	26.000	10,036.00
1122	2009	001		ROCK FILTER DAMS (REMOVE)	LF	386.000	9.000	3,474.00
1122	2016	001		CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	200.000	25.000	5,000.00
1122	2019	001		CONSTRUCTION EXITS (REMOVE)	SY	200.000	9.000	1,800.00
1122	2037	001		TEMPORARY SEDIMENT CONTROL FENCE INSTLL	LF	2,972.000	3.000	8,916.00
1122	2057	001		TEMPORARY SEDIMENT CONTROL FENCE REMOVE	LF	3,056.000	1.000	3,056.00
1122	2048	001		BIOGRD EROSN CONT LOGS (12" DIA)INSTALL	LF	4,167.000	4.000	16,668.00
1122	2056	001		BIODEGRADBLE EROSION CONTROL LOGS REMOV	LF	4,167.000	3.000	12,501.00
3061	2014			FAST TRACK (JOINTED) (13")	SY	20,626.000	65.000	1,340,690.00
3267	2119			D-GR HMA(SQ) TY-D SAC-A PG70-22	TON	234.000	110.000	25,740.00
5969	2006			WATER MAIN PIPE (PVC) (12IN)	LF	550.000	60.600	33,330.00
5969	2033			CASING STEEL (20IN)	LF	440.000	155.700	68,508.00
5969	2043			CUT AND PLUG WATER MAIN (12IN)	EA	6.000	1,846.000	11,076.00
5969	2062			JCK TUN BOR OR AUG WTR MAIN(PVC) (12IN)	LF	100.000	259.400	25,940.00
5969	2171			WTR MAIN PIPE (PVC) (RESTRAINED JT) 12 IN	LF	300.000	100.850	30,255.00
5969	2075			WET CONNECTION (12IN)	EA	5.000	5,316.000	26,580.00
5969	2085			FIRE HYDRANT	EA	1.000	3,092.000	3,092.00
5969	2086			FIRE HYDRANT LEAD (6IN) (PVC)	LF	8.000	72.300	578.40
5969	2087			REMOVING AND SALVAGING FIRE HYDRANT	EA	1.000	746.000	746.00
5969	2095			GATE VALVE (12IN)	EA	4.000	2,365.000	9,460.00
6007	2001			REMOVING TRAFFIC SIGNALS	EA	1.000	4,500.000	4,500.00
6266	2001	017		VIVDS PROCESSOR SYSTEM	EA	3.000	4,500.000	13,500.00
6266	2002	017		VIVDS CAMERA ASSEMBLY	EA	12.000	1,150.000	13,800.00
6266	2003	017		VIVDS SET-UP SYSTEM	EA	3.000	575.000	1,725.00
6266	2005	017		VIVDS COMMUNICATION CABLE (COAXIAL)	LF	2,840.000	.750	2,130.00
6266	2007	017		VIVDS TEMPORARY	EA	1.000	12,000.000	12,000.00

8 CONTRACTOR FORCE ACCOUNT WORK18 CONTRACTOR FORCE ACCOUNT WORK (PART)

BRIDGE	NET LENGTH	.011 MILES
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NBI = 120800AA0565001				DECK AREA SQ.FT. =		4200.000	
BRIDGE TYPE: GIRDER PRESTRESSED "BOX" BEAM				COST PERCENT =		100.00	
BRIDGE WORK: WIDEN				BRIDGE LENGTH =		60.000	
				OFF-SYSTEM			
0409	2001		PRESTR CONC PIL (16 IN SQ)	LF	456.000	150.000	\$ 68,400.00
0422	2002		REINF CONC SLAB (EXT SLAB)	SF	1,904.000	15.000	28,560.00
0425	2006	001	PRESTR CONC BOX BEAM (4B20)	LF	238.000	200.000	47,600.00
0425	2007	001	PRESTR CONC BOX BEAM (5B20)	LF	119.000	200.000	23,800.00
0430	2002		CL C CONC FOR EXT STR (ABUT)	CY	18.440	3,000.000	55,320.00
0432	2002		RIPRAP (CONC) (5 IN)	CY	25.500	450.000	11,475.00
0432	2016		RIPRAP (STONE COMMON) (DRY) (8 IN)	CY	145.000	150.000	21,750.00
0450	2166	001	RAIL (TY C223)	LF	140.000	100.000	14,000.00
0454	2001	003	SEALED EXPANSION JOINT (4 IN) (SEJ-A)	LF	141.500	75.000	10,612.50
						SUBTOTAL	\$ 281,517.50
						CONTINGENCIES	5,602.20
						PCO	10,528.75
						INDIRECT	16,159.10
						ENGINEERING	13,963.27
TOTAL BRIDGE						\$	327,770.82

## SUMMARY: CONTROL 0912-34-144 PROJECT STP 2010(596)MM

	ESTIMATED COST	LENGTH
ROADWAY	\$ 23,964,714.66	3.030
CONTRACTOR FORCE ACCOUNT WORK	\$ 930,000.00	
CONTRACTOR FORCE ACCOUNT WORK (PART)	\$ 30,000.00	
BRIDGE	\$ 327,770.82	.011
TOTAL PROJECT	\$ 25,252,485.48	3.041
TOTAL BID ITEMS	\$ 20,864,455.45	

## FUNDING TOTALS

APPN CODE	APPL PCT		TOTAL PROJ COST	FED PCT		FEDERAL FUNDS	STA PCT		STATE FUNDS	LOC PCT		LOCAL FUNDS	PARTICIPATION TYPE CODE MULT
1110	100.0	\$	16,531,066.48	0.0	\$	0.00	0.0	\$	0.00	100.0	\$	16,531,066.48	C 50080

## FUNDING "FIXED" TOTALS

APPN CODE	APPL PCT		TOTAL PROJ COST	FED PCT		FEDERAL FUNDS	STA PCT		STATE FUNDS	LOC PCT		LOCAL FUNDS	PARTICIPATION TYPE CODE MULT
8200	0.0	\$	8,721,419.00	0.0	\$	0.00	100.0	\$	8,721,419.00	0.0	\$	0.00	

CONTRACT 12143003  
PROJECT STP 2010(596)MM  
COUNTY FORT BEND

## CONTRACT SUMMARY

	ESTIMATED COST	LENGTH
0912-34-144 STP 2010(596)MM		
ROADWAY	\$ 23,964,714.66	3.030
CONTRACTOR FORCE ACCOUNT WORK	\$ 930,000.00	
CONTRACTOR FORCE ACCOUNT WORK (PART)	\$ 30,000.00	
BRIDGE	\$ 327,770.82	.011
TOTAL 0912-34-144	\$ 25,252,485.48	3.041
TOTAL BID ITEMS	\$ 20,864,455.45	
TOTAL CONTINGENCIES COST	\$ 415,202.67	
TOTAL PCO COST	\$ 780,330.63	
TOTAL INDIRECT COST	\$ 1,197,619.74	
TOTAL ENGINEERING COST	\$ 1,034,876.99	
TOTAL MISCELLANEOUS COST	\$ 960,000.00	
TOTAL COST	\$ 25,252,485.48	3.041

## TEXAS DEPARTMENT OF TRANSPORTATION

## CONTRACT SUMMARY

CONTRACT NUMBER	PROJECT NUMBER	COUNTY		TOTAL BID		TOTAL BID + C&PCO
12143003	STP 2010(596)MM	080	\$	20,864,455.45	\$	24,292,485.47
TOTALS			\$	20,864,455.45	\$	24,292,485.47