

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



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

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	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)

CCSJ: 0912-34-144

Project: STP 2010(596)MM

Highway: CS

Limits: Project limits

City CIP No: _____

County: Fort Bend

District: Houston

Contract Number: _____

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):	<u> \$107,450.32 </u>	
E&C (<u> 6.95% </u>)*	<u> \$7,467.80 </u>	
Subtotal	<u> \$114,918.12 </u>	
Indirect Cost (<u> 5.74% </u>)**	<u> \$6,596.30 </u>	
TOTAL	<u> \$121,514.42 </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 _____

By _____

 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:

_____ Date _____

District Engineer

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

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

CHANGE ORDER AMOUNT \$107,450.32



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

CHANGE ORDER NBR.

5

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

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

DESCRIPTION: MISC DRAINAGE UPGRADATION WORK
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 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 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)

CCSJ: 0912-34-144

Project: STP 2010(596)MM

Highway: CS

Limits: Project limits

City CIP No: _____

County: Fort Bend

District: Houston

Contract Number: _____

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):	<u> \$21,474.94 </u>	
E&C (<u> 6.95% </u>)*	<u> \$1,492.51 </u>	
Subtotal	<u> \$22,967.45 </u>	
Indirect Cost (<u> 5.74% </u>)**	<u> \$1,318.33 </u>	
TOTAL	<u> \$24,285.78 </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 _____

By _____

 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:

_____ Date _____

District Engineer

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 ID 091234144

CHANGE ORDER NBR. 7

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	0976	06812001	002	TEMP TRAF SIGNALS CO DESCR ADDTL CO DESCR 1	EA	28,093.71000	0.000	1.000	1.000	\$28,093.71
				CO 7 : TEMP TRAFF SIGNAL (MODIFIED) AT FM 521						
				CO 7 : TEMP TRAFF SIGNAL (MODIFIED) AT FM 521						
001	0977	96082015	002	UNIQUE CHANGE ORDER ITEM 15 CO DESCR ADDTL CO DESCR 1	DOL	1,756.72000	0.000	4.000	4.000	\$7,026.88
				CO 7 : TRAFF SWITCH AT WINFIELD AND CHIMNEY ROCK						
				CO 7 : TRAFF SWITCH AT WINFIELD AND CHIMNEY ROCK						
									CHANGE ORDER AMOUNT	\$35,120.59



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

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)

CCSJ: 0912-34-144

Project: STP 2010(596)MM

Highway: CS

Limits: Project limits

City CIP No: _____

County: Fort Bend

District: Houston

Contract Number: _____

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):		<u> \$2,681.55 </u>
E&C	(<u> 6.95% </u>)*	<u> \$186.37 </u>
Subtotal		<u> \$2,867.92 </u>
Indirect Cost	(<u> 5.74% </u>)**	<u> \$164.62 </u>
TOTAL		<u> \$3,032.54 </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 _____

By _____

 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:

_____ Date _____

District Engineer

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 ID 091234144

CHANGE ORDER NBR. 9

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 CO DESCR ADDTL CO DESCR 1	DOL	2,681.55000	0.000	1.000	1.000	\$2,681.55
									CHANGE ORDER AMOUNT	\$2,681.55



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 ID 091234144

CHANGE ORDER NBR. 10

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	0416	96082020	000	UNIQUE CHANGE ORDER ITEM 20 CO DESCR ADDTL CO DESCR 1	DOL	10,816.54000	0.000	2.000	2.000	\$21,633.08
				CO 10 : OUTFALL PROTECTION (SLOPE PAVING CL C CONC) (DOL=EA)						
				CO 10 : OUTFALL PROTECTION WORK (SLOPE PAVING CL C CONC)						
001	0417	96082021	000	UNIQUE CHANGE ORDER ITEM 21 CO DESCR ADDTL CO DESCR 1	DOL	44.91000	0.000	40.000	40.000	\$1,796.40
				CO 10 : PUMPING WATER FROM POND (DOL=HR)						
				CO 10 : PUMPING WATER FROM POND (DOL=HR)						
CHANGE ORDER AMOUNT										\$23,429.48



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

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):

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

CONTRACT ID 091234144

CHANGE ORDER NBR. 11

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	0090	01052037 CO DESCR	000	REMOVING STAB BASE AND ASPH PAV(0"-16") CO 11 : ADD QTY FOR TEMPORARY WIDENING	SY	6.00000	53,474.000	67.500	53,541.500	\$405.00
001	0101	01122001 CO DESCR ADDTL CO DESCR 1	000	SUBGRADE WIDENING (ORD COMP) CO 11 : ADD ITEM FOR TEMPORARY WIDENING CO 11 : ADD ITEM FOR TEMPORARY WIDENING	STA	567.00000	0.000	3.510	3.510	\$1,990.17
001	0151	02922002 CO DESCR ADDTL CO DESCR 1	000	ASPHALT STAB BASE (GR 1)(PG 64) CO 11 : ADD ITEM FOR TEMPORARY WIDENING CO 11 : ADD ITEM FOR TEMPORARY WIDENING	TON	75.00000	0.000	41.200	41.200	\$3,090.00
001	0190	04002008 CO DESCR	000	CUT & RESTORING PAV (ASPH) CO 11 : ADD QTY FOR TEMPORARY WIDENING	SY	125.00000	120.000	115.000	235.000	\$14,375.00
CHANGE ORDER AMOUNT										\$19,860.17