

PO # 153615  
ams

### FORT BEND COUNTY ENGINEERING

### CHANGE ORDER

- Distribution:
- FBC Engineering
  - FBC Judge
  - FBC Purchasing
  - Contractor
  - Consultant

**Address:** 301 Jackson Street  
Richmond, Texas 77469

**Phone:** 281-633-7500

**Fax:** 281-342-7366

**Web site:** www.FortBendCountyTx.gov

**PROJECT:**  
Cane Island Parkway from FM 1463 to I10

CHANGE ORDER NUMBER .....	04
DATE .....	11/13/2018
PROJECT NUMBER .....	13306
CONTRACT FOR .....	\$4,478,858.50 ✓
CONTRACT DATE .....	06/14/2017
FBC PURCHASE ORDER NO .....	153615

**CONTRACTOR:**  
Earth Builders

The contract is changed as follows:

Item 3 – Barricade overrun due to project extension from April 07, 2018 to September 10, 2018 per Change Orders No. 2 and No. 3. The total change in cost is 4 MO x \$3,000 = \$12,000.

Item 4 – Contract plans (sheet 33) calls out that temporary pavement shall not be less than 4' when constructing detour No. 1. Sheet 33 details from point 1 to point 2, point 3 to point 4, and point 7 to point 8 to have less than 4' width. The contractor extended the width of temporary pavement in these areas per requirements. The total overrun in cost is 150.04 SY x \$65 = \$9752.60.

Item 6 – overrun per addendum No. 10, plan calls for Port.CTB (Type 2) at Station 15+60 and 16+40, Per RFI No. 7 calls for Port CTB (Type 2) at Station 108+04 and 107+74, the total change in cost is 80 LF x \$65 = \$5,200.

Item 18 – the alignment of the proposed pavement and existing pavement is at an odd angle (sheet 75, station 59+94.28). The proposed pavement is 2" wider on the east side and 14" wider on the west side. AECOM and the designer EHRA recommended removing approximately 20' of existing pavement and realigning the proposed pavement to match the existing pavement alignment to create a smooth transition. The total change in cost is 62.22 SY x \$20 = \$1,244.40.

Item 22 – overrun due to the removal of abandoned 10" Enterprise pipe at station 59+50 (sheet 75) and the removal of a damaged existing 15" RCP at station 16+10.44 on FM 1463 (sheet 33). The total change in cost is 140 LF x \$20 = \$2,800.

Item 25 – overrun due to plan error, the original plan called for the removal of two 750-Gal Septic Tank, during construction, the contractor found that there are three 750-Gal Septic Tanks. The total change in cost is 1 EA x \$2,500 = \$2,500.

Item 26 – overrun due to additional excavation in the areas below

Plan sheet 75 called for excavation at Station 59+69 to place protective slab over existing Kinder Morgan pipeline (94.82 CY).

Excavated bad materials at north side of bridge Station 50+50 to 51+60, and Station 52+20 to 53+00 for proposed roadway (799.99 CY)

Station 59+60 - Excavated at Living Earth driveways and replaced with C-Sand and crushed concrete (47.37 CY).

Station 21+00 – When Hilcorp placed the proposed pipeline, the backfilled materials wasn't compact properly and caused settlement, the contractor needed to excavate and placed C-Sand around the pipeline (194.47 CY).

Station 15+00, 15+75, 17+25 on FM 1463 – Excavated and removed bad materials (115.36 CY)

Station 102+50 to 106+50 on FM 1463 – Excavated and removed bad materials (1805.45 CY)

Total excavated materials is 94.82 CY + 799.99 CY + 47.37 CY + 194.47 CY + 115.36 CY + 1805.45 CY = 3057.46 CY, the total change in cost is 3057.46 CY x \$8 = \$24,459.68.

Item 27 – overrun due to additional backfill at locations mentioned in Item 26 (excluded the areas that used cement stabilized sand), the total change in cost is 2951.40 x \$10 = \$29,514.00.

Item 30, 31 – overrun due to Fort Bend request to add 1' of lime subgrade on either side of the roadway. 3.35 Ton (Hydrated Lime) x \$200 = \$670, and 1075 SY (Lime Treated Subgrade) x \$4 = \$4,300, the total change in cost is \$670 + \$4,300 = \$4,970.

Item 32 – survey points provided by the designer didn't accommodate for the curb. The contractor required to widen the roadway 8" on both sides to have enough space for 12' roadways with curb. Per item 18, there are approximately 20' of existing pavement needed to be replaced. The total change in cost is 456 SY x \$48 = \$21,888.

Item 33, 34, 35 – quantity overruns due to design error in which the designer did not accommodate for the additional 2' outside of the asphalt pavement (sheet 6, 7 - details A). The contract plan detour on FM 1463 as shown on sheet 22 from station 13+16 to station 16+00 is not wide enough to allow two 11' lanes, 3' area for LPCB, and installing a 26' permanent roadway. This issue also occurs at station 106+00. Per RFI No. 9, the designer resolved issue by widening the temporary asphalt pavement to accommodate 26' wide permanent roadway, 3' for LPCB, two 11' lanes, and 1' shoulder (min.). These changes in cost are detailed below

Item 33 - 1.5" HMA Ty-C Sac-A Pg 70-22 – 349.79 x \$75 = \$26,234.25.

Item 34 - 1.5" HMA Ty-C Pg 70-22 (Level Up) – 349.79 x \$75 = \$26,234.25.

Item 35 – Asphalt Stabilized Base Gr 2 Pg 70 - 1275.02 TN x \$65 = \$82,876.30.

Item 45 – overrun per Addendum No. 8, plan calls for excavation and line the channel bottom with 18" stone protection riprap at the N. outfall. Per Addendum No. 5, plan calls for excavation at S. outfall channel and place articulated concrete block. The total change in cost is 748 CY x \$10 = \$7,480.

Item 48 – overrun per addendum No. 6, additional 24" RCP is added from MH A2 to ROW on East Side of Cane Island to resolve drainage issue for adjacent property owner. The total change in cost is 253.51 LF x \$50 = \$12,675.50.

Item 56 – overrun due to trench safety system use for 36" RCP (addendum No.1), and use for 24" RCP (addendum No. 6), total change in cost is 436.51 LF x \$5 = \$2,182.55

Item 58 – original plans (sheet 77) details MH A1 to be cast with a flowline elevation of 124.94' to accommodate 60" CGMP. However, per addendum No. 5, this flowline elevation was changed to 128.94', this MH A1 had to be recast for a total change in cost 1 EA x \$7,500 = \$7,500.

Item 63 – overrun per RFI No. 5 designer added 2 SET's for 24" RCP at station 20+14.26, and 2 SET's for 24" RCP at station 103+95. Designer added 2 SET's for 18" RCP at station 16+10.44. Total change in cost is 6 x \$2,000 = \$12,000.

Item 76 – overrun per addendum No. 14, additional 8 aluminum signs at Kingsland approach were added (3 stop signs, 2 stop ahead signs, and 3 all ways). Total change in cost is 8 EA x \$500 = \$4000.

Item 136 – Quantity error, plan didn't account for block sod to place along FM 1463, and Willow Bend. Also, Fort Bend requested the contractor to place block sod along willow folk bayou riprap for erosion control. Total change in cost is 1,210 LF x \$1 = \$1,210.

Item 140 – overrun of quantity per locations below

Placed cement stabilized sand at station 21+00 around Hilcorp pipeline (194.47 CY)

Placed cement stabilized sand in place of lime as subgrade at living earth driveways (47.37 CY)

Placed cement stabilized at 59+69 for protective slab over Kinder Morgan pipeline (94.82)

Placed cement stabilized sand for 36" RCP (Addendum No. 1), 4'x2' boxes, and 24" RCP (Addendum No. 6) (800.12 CY)

Cement stabilized sand used for replacement of 72' existing 15" RCP under FM 1463 at Station 16+10.44 with 18" RCP (175.63 CY)

Cement stabilized sand used for 12" RCP at living earth driveway station 54+39 to station 55+11 (141.34 CY)

Cement stabilized sand used for 24" RCP pipes and 4 – 24" SET at station 20+14.26 and Station 103+95 per RFI No. 5 (282.25 CY)

Total quantity is 194.47 CY + 47.37 CY + 94.82 CY + 800.12 CY + 175.63 CY + 141.34 CY + 282.25 CY = 1736 CY, the total change in cost is 1736 CY x \$40 = \$69,440.

Item 141 – overrun due to replacement of barb wire fence at Willow Fork Bayou due to damage during hurricane Harvey, the total change in cost is 250 LF x \$5 = \$1,250.

Item 142 - Willow Bend properties owners complained to the county that water was ponding in their backyard from the onset of Cane Island construction. Prior to construction a Hilcorp pipeline ran along the Willow Bend properties owners' back yard. Hilcorp pipeline was relocated due to construction needs but the pipeline void was not backfilled with proper compaction. This area settled and caused ponding water in the properties owner's backyards. Fort Bend requested the contractor to regrade this area to allow runoff to drain away from the homeowner properties. The total change in cost is 1 LS x \$3,580 = \$3,580.

Item 143 - Saw cut existing concrete pavement 12" thick depth at station 59+94.28 (See Item No. 18 for additional information), the total change in cost is 1 LS x \$450 = \$450.

Item 144 - Per RFI No. 9 remove and replace pavement stripping, the total change in cost is 1 LS x \$4,534.98 = \$4,534.98.

Item 145 - Per RFI No. 9 Saw cutting existing pavement – 1 LS x \$3,071.21 = \$3,071.21.

Item 146 - Per Addendum No. 6 additional cost for the modification of Storm MH A2 in order to install 24" RCP is \$985.

Item 147 - Removed damaged existing 15" RCP and replaced with 72' of 18" RCP on FM 1463 at Station 16+10.44, the total change in cost is 72 LF x \$48 = \$3,456.

Item 148 - Fort Bend approved to have additional material hauled to Spring Green Project (13318) for median backfilled 980 CY x \$8 = \$7,840.

Item 149 - Per original plan (sheet 160), it shows to have the wrong color for evacuation route signs, per TMUTCD this signs supposed to be blue. The contractor replaced these signs with the bright blue colors, the change in cost for a lump sum of \$456.20 (labor and materials).

Item 150 - Per addendum No. 13, TxDOT required the contractor to use electronic message boards warning motorists of changing traffic pattern prior to the construction of temporary pavement on FM 1463. The change in cost is a lump sum of \$2,863.35.

Item 151, 152, 153, and 154 - The contract plans called to install 7 radar detectors for signal lights at FM 1463 and Cane Island Parkway intersection. During the submittal process the contractor submitted Econolite radar detectors for review and it was approved since it met TxDOT special specification 6025. The signal lights at FM 1463 intersection are to be maintained and under the jurisdiction of TxDOT. TxDOT requires the use Wavetronics radar detectors and not Econolite. However, Fort Bend opened the intersection before procurement of the Wavetronic radar detectors. TxDOT agreed to have the signal turned on with Econolite radar detectors but required the contractor to change out the radars with Wavetronics radar upon procurement. The associated costs with changing out Econolite with Wavetronics are detailed below:

Radar Detectors – 4 EA x \$4,915 = \$19,660

Radar Advance Detector – 3 EA x \$4,915 = \$14,745

Communication Cable – 1,170 LF x \$1.65 = \$1,930.50

Installation Assistance – 1 LS x \$500 = \$500

Item 155 - Fort Bend decided to open Cane Island Parkway before the project end date, the cost for restriping FM 1463 from a temporary condition to permanent traffic use is 1 LS x \$3,593.04 = \$3,593.04.

Item 156 - Per original plan (sheet 74, 75) shown two proposed concrete driveways at Living Earth. However, these driveways will have to be removed Phase 2 construction of Cane Island Roadway. To save cost Fort Bend requested the

contractor to replace these concrete driveways with crushed concrete as driveways and access into Living Earth during this phase of construction. The change in cost is  $224.88 \text{ TN} \times \$36 = \$8,095.68$ .

Item 157 - Per RFI No. 8, the designer proposed to have 2EA x 12" Dia. x 72LF RCP from station 54+39 to 55+11, at Living Earth driveway to resolve drainage issue in the area. The total change in cost is  $144 \text{ LF} \times \$46 = \$6,624$

Item 158 - Properties owners at Willow Bend requested Fort Bend to place "No Outlet" signs at their subdivision entrance to prevent vehicles from entering their subdivision. The cost to furnish and install the two signs is \$786.89.

Item 159 - Per Addendum No. 13, RFI No. 10, the plans did not require to maintain access to Willow Bend subdivision nor TCP for the construction of FM 1463 tie-in to Willow Bend. Since it is inside TxDOT right of way, the designer proposed to use TxDOT Standard TCP (1-2) -18, the total cost is  $1 \text{ LS} \times \$1,484.70 = \$1,484.70$ .

Item 160 - On the west side of Cane Island Parkway, properties owners have installed a large wall for their privacy. This wall has created a sight distance problem for the traffic signal at the intersection of Cane Island Parkway and FM 1463 that did not exist in the contract plan. Fort Bend requested the contractor to install a signal beacon "Signal Ahead" sign at Station 26+40 on the west side of Cane Island Parkway. The total cost is  $1 \text{ LS} \times \$6,009.12 = \$6,009.12$ .

Item 161 - Properties owners at Willow Bend requested Fort Bend to install driveway and entrance signs for the Willow Bend detour for easy access at night time. The cost to furnish and install these signs is \$1,327.70.

Item 162 - Per addendum No. 5, the plan called for a quantity of 522 SY of articulated concrete blocks to be used at the S. outfall. The plan quantity was incorrect; the actual quantity field measured and verified by the CAD File for the S. outfall is 1,172.44 SY. Also, per addendum No. 5 the plan called for a quantity of 203 SY of articulated concrete to be used at the N. outfall. However Fort Bend Flood Control opts to use crushed concrete at the N. outfall instead of articulated concrete. The total change in cost is  $1172.44 \text{ CY} - 203 \text{ CY} (\text{CO \#2}) = 969.44 \text{ CY} \times \$82.50 = \$79,978.80$ .

These items below are to be credit back to the County

Item No. 24 Remove and dispose of fencing including gates, total deducted in cost is  $483 \text{ LF} \times \$2 = \$966$

Item No. 32 8" Reinforced Concrete Pavement, total deducted in cost is  $660 \text{ SY} \times \$8.00 = \$5,280$

Item No. 37 Concrete driveways, total deducted in cost is  $402.77 \text{ SY} \times \$70 = \$28,193.90$

Item No. 55 Corrugated metal pipe (72 Inch), total deducted in cost is  $16 \text{ LF} \times \$125 = \$2,000$

Item No. 131 Radar advance detection device, total deducted in cost is  $3 \text{ EA} \times \$7,500 = \$22,500$

Item No. 139 Dewatering, total deducted in cost is  $1000 \text{ LF} \times \$20 = \$20,000$

**Not valid until signed by Fort Bend County and Contractor.**

The Original (**Contract Sum**) ..... \$ 4,478,858.50 ✓  
Net change by previously authorized Change Orders ..... \$ 288,259.07 ✓  
The (**Contract Sum**) Prior to this Change Order was ..... \$ 4,767,117.57 ✓  
The (**Contract Sum**) will be  increased **or**  decreased **or**  unchanged  
by this Change Order in the amount of ..... \$ 460,443.80  
The new (**Contract Sum**) including this Change Order will be ..... \$ 5,227,561.37 ✓  
The Contract Time will be  increased **or**  decreased **or**  unchanged by days.  
The Date of Substantial Completion as of this Change Order therefore is  
 Changed **or**  unchanged to

*Total changes  
+16.7%*

Authorized:

Fort Bend County Engineering

J Stacy Slawinski, P.E.  
301 Jackson  
Richmond, Texas 77469

By: *J. A. Slawinski*  
(signature)

DATE: 11/26/18

CONTRACTOR

Earth Builders.  
3711 Briar Park Dr. Ste 350  
Houston, TX 77042

By: *R. Hebert*  
(signature)

DATE: 11/15/2018

Fort Bend County Judge

Honorable Robert E. Hebert  
301 Jackson St., #719  
Richmond, Texas 77469

By: \_\_\_\_\_  
(signature)

DATE: \_\_\_\_\_

PROJECT: CANE ISLAND PARKWAY FROM FM 1463 TO IH 10

OWNER: FORT BEND COUNTY

CONTRACTOR: EARTH BUILDERS LP

REQUEST: FINAL QUANTITY ADJUSTMENT

CONTRACT AMOUNT	\$	4,478,858.50
AMOUNT THIS CO.001	\$	39,945.00

NEW CONTRACT AMOUNT \$ 4,518,803.50

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>ADD</b>									
	8' x 16' Laminated Mats (Grade B)	EA	0.00	\$ -	\$ -	100.00	\$ 299.45	\$ 29,945.00	\$ 29,945.00
	Installation	LS	0.00	\$ -	\$ -	1.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
	Remove and Dispose	LS	0.00	\$ -	\$ -	1.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00
								<b>ADD SUBTOTAL</b>	<b>\$ 39,945.00</b>

PROJECT: CANE ISLAND PARKWAY FROM FM 1463 TO IH 10  
 OWNER: FORT BEND COUNTY  
 CONTRACTOR: EARTH BUILDERS LP  
 REQUEST: FINAL QUANTITY ADJUSTMENT

CONTRACT AMOUNT \$ 4,478,858.50  
 PREVIOUS APPROVED CO 001 \$ 39,945.00  
 AMOUNT THIS CO 002 \$ 198,184.04

NEW CONTRACT AMOUNT \$ 4,716,987.54

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>ADD</b>									
141	Barb Wire Fence	LF	1,500.00	\$ 5.00	\$ 7,500.00	2,521.00	\$ 5.00	\$ 12,605.00	\$ 5,105.00
	16' Single Drive Gate	EA	0.00	\$ -	\$ -	2.00	\$ 650.00	\$ 1,300.00	\$ 1,300.00
	Water Crossing Gate	EA	0.00	\$ -	\$ -	1.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
	Zero Concrete Slab Across Dow Chemical Pipeline	CY	0.00	\$ -	\$ -	34.23	\$ 719.42	\$ 24,625.74	\$ 24,625.74
	Temporary Traffic Signal	EA	0.00	\$ -	\$ -	1.00	\$ 6,265.00	\$ 6,265.00	\$ 6,265.00
	Articulating Concrete Block	SY	0.00	\$ -	\$ -	203.00	\$ 82.50	\$ 16,747.50	\$ 16,747.50
	4' x 2' Box Culvert	LF	0.00	\$ -	\$ -	243.00	\$ 203.60	\$ 49,474.80	\$ 49,474.80
	18" Stone Protection Riprap	CY	0.00	\$ -	\$ -	600.00	\$ 153.61	\$ 92,166.00	\$ 92,166.00
								<b>ADD SUBTOTAL</b>	\$ 198,184.04

PROJECT: CANE ISLAND PARKWAY FROM FM 1463 TO IH 10  
 OWNER: FORT BEND COUNTY  
 CONTRACTOR: EARTH BUILDERS LP  
 REQUEST: FINAL QUANTITY ADJUSTMENT

CONTRACT AMOUNT \$ 4,478,858.50  
 PREVIOUS APPROVED CO 001 \$ 39,945.00  
 PREVIOUS APPROVED CO 002 \$ 198,184.04  
 AMOUNT THIS CO 003 \$ 50,130.03

NEW CONTRACT AMOUNT \$ 4,767,117.57

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>ADD</b>									
33	1.5" HMA Ty-C Sac-A Pg 70-22	TN	722.00	\$ 75.00	\$ 54,150.00	850.39	\$ 75.00	\$ 63,779.25	\$ 9,629.25
34	1.5" HMA Ty-C Pg 70-22 (Level Up)	TN	722.00	\$ 65.00	\$ 46,930.00	851.95	\$ 65.00	\$ 55,376.75	\$ 8,446.75
	Light Towers	EA	0.00	\$ -	\$ -	4.00	\$ 540.00	\$ 2,160.00	\$ 2,160.00
	Flaggers (3) Each	HR	0.00	\$ -	\$ -	25.00	\$ 90.00	\$ 2,250.00	\$ 2,250.00
	TMA Truck	DAY	0.00	\$ -	\$ -	2.00	\$ 1,300.00	\$ 2,600.00	\$ 2,600.00
	Electric Message Boards (2) Each	DAY	0.00	\$ -	\$ -	2.00	\$ 800.00	\$ 1,600.00	\$ 1,600.00
	Traffic Control Signs	LS	0.00	\$ -	\$ -	1.00	\$ 3,800.00	\$ 3,800.00	\$ 3,800.00
	Law Enforcement Officers (2) Each	HR	0.00	\$ -	\$ -	25.00	\$ 104.96	\$ 2,624.00	\$ 2,624.00
	EAP & T Tack Coat	GALS	0.00	\$ -	\$ -	363.64	\$ 8.25	\$ 3,000.03	\$ 3,000.03
	Temporary Plastic Tabs (Double Yellow)	EA	0.00	\$ -	\$ -	250.00	\$ 2.00	\$ 500.00	\$ 500.00
	Temporary Plastic Tabs (White)	EA	0.00	\$ -	\$ -	260.00	\$ 2.00	\$ 520.00	\$ 520.00
	Weekend and Night Operation	LS	0.00	\$ -	\$ -	1.00	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
<b>ADD SUBTOTAL</b>								\$ 50,130.03	

Description		Unit	Qty's	Unit Price	Total
<b>Night Time and Weekend Additional Hours Required</b>					
<u>Equipment Cost</u>					
RP 195 Road-Tec Paver		HR	12	\$116.00	\$1,392.00
12M Cat Motor Grader		HR	12	\$107.00	\$1,284.00
WA 250 Komatsu Loader		HR	12	\$46.00	\$552.00
CB 534D Cat Roller		HR	12	\$43.00	\$516.00
Water Truck		Hr	12	\$35.00	\$420.00
Sweeper		Hr	12	\$25.00	\$300.00
<u>Labor Rate</u>					
9-Labors at \$30.00 Per Hour Each		HR	12	\$270.00	\$3,240.00
2-Supervisors with Pickup and Small Tools at \$65.00/Hr. Each		HR	12	\$130.00	\$1,560.00
		<b>Total Equipment &amp; Labor</b>			\$9,264.00
<u>Subcontractor Night Time Hour Rate</u>					
Asphalt Plant		Day	2	\$1,500.00	\$3,000.00
<b>Equipment, Labor, &amp; Subcontractor</b>					
				5% OH	\$613.20
				Sub Total	\$12,877.20
				1% Profit	\$128.77
<b>Total Weekend and Night Time Cost</b>					<b>\$13,005.97</b>
Contractor Roundup					<b>\$13,000.00</b>

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 OWNER: FORT BEND COUNTY  
 CONTRACTOR: EARTH BUILDERS LP  
 REQUEST: FINAL QUANTITY ADJUSTMENT

CONTRACT AMOUNT \$ 4,478,858.50  
 PREVIOUS APPROVED CO 001 \$ 39,945.00  
 PREVIOUS APPROVED CO 002 \$ 198,184.04  
 PREVIOUS APPROVED CO 003 \$ 50,130.03  
 AMOUNT THIS CO 004 \$ 460,443.80

NEW CONTRACT AMOUNT \$ 5,227,561.37

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>ADD</b>									
3	Traffic Control	MO	6.00	\$ 3,000.00	\$ 18,000.00	10.00	\$ 3,000.00	\$ 30,000.00	\$ 12,000.00
4	Constructing Detours	SY	3,292.00	\$ 65.00	\$ 213,980.00	3,442.04	\$ 65.00	\$ 223,732.60	\$ 9,752.60
6	Port CTB (Fur & Instl)(Low Prof)(Type 2)	LF	80.00	\$ 65.00	\$ 5,200.00	160.00	\$ 65.00	\$ 10,400.00	\$ 5,200.00
18	Remove Concrete (Pav)(All Depths)	SY	1,734.00	\$ 20.00	\$ 34,680.00	1,796.22	\$ 20.00	\$ 35,924.40	\$ 1,244.40
22	Remove Structure (Pipe)	LF	98.00	\$ 20.00	\$ 1,960.00	238.00	\$ 20.00	\$ 4,760.00	\$ 2,800.00
25	Remove and Dispose of 750-Gal Septic Tank	EA	2.00	\$ 2,500.00	\$ 5,000.00	3.00	\$ 2,500.00	\$ 7,500.00	\$ 2,500.00
26	Roadway Excavation	CY	7,223.00	\$ 8.00	\$ 57,784.00	10,280.46	\$ 8.00	\$ 82,243.68	\$ 24,459.68
27	Roadway Embankment	CY	16,227.00	\$ 10.00	\$ 162,270.00	19,178.40	\$ 10.00	\$ 191,784.00	\$ 29,514.00
30	Hydrated Lime (Estimated At 6% By Dry Weight)	TN	202.00	\$ 200.00	\$ 40,400.00	205.35	\$ 200.00	\$ 41,070.00	\$ 670.00
31	Lime Treated Subgrade (8" Depth)	SY	11,233.00	\$ 4.00	\$ 44,932.00	12,308.00	\$ 4.00	\$ 49,232.00	\$ 4,300.00
32	8" Joint Reinforced Concrete Pavement	SY	10,520.00	\$ 48.00	\$ 504,960.00	10,976.00	\$ 48.00	\$ 526,848.00	\$ 21,888.00
33	1.5" HMA Ty-C Sac-A Pg 70-22	TN	850.39	\$ 75.00	\$ 63,779.25	1,200.18	\$ 75.00	\$ 90,013.50	\$ 26,234.25
34	1.5" HMA Ty-C Pg 70-22 (Level Up)	TN	851.95	\$ 75.00	\$ 63,896.25	1,201.74	\$ 75.00	\$ 90,130.50	\$ 26,234.25
35	Asphalt Stabilized Base Gr 2 Pg 70	TN	4,814.00	\$ 65.00	\$ 312,910.00	6,089.02	\$ 65.00	\$ 395,786.30	\$ 82,876.30
45	Channel Excavation	CY	82.00	\$ 10.00	\$ 820.00	830.00	\$ 10.00	\$ 8,300.00	\$ 7,480.00
48	Reinforced Concrete Pipe (Class III) (24 Inch)	LF	1,247.00	\$ 50.00	\$ 62,350.00	1,500.51	\$ 50.00	\$ 75,025.50	\$ 12,675.50
56	Trench Safety System (5 to 10 Feet)	LF	3,961.00	\$ 5.00	\$ 19,805.00	4,397.51	\$ 5.00	\$ 21,987.55	\$ 2,182.55
58	Precast Type "B" Concrete Manhole (All Depths)	EA	5.00	\$ 7,500.00	\$ 37,500.00	6.00	\$ 7,500.00	\$ 45,000.00	\$ 7,500.00
63	Set (Ty II) (24 Inch) (6:1)	EA	2.00	\$ 2,000.00	\$ 4,000.00	8.00	\$ 2,000.00	\$ 16,000.00	\$ 12,000.00
76	Aluminum Signs	EA	28.00	\$ 500.00	\$ 14,000.00	36.00	\$ 500.00	\$ 18,000.00	\$ 4,000.00
136	Block Sod	LF	9,370.00	\$ 1.00	\$ 9,370.00	10,580.00	\$ 1.00	\$ 10,580.00	\$ 1,210.00
140	Cement Stabilized Backfill	CY	3,867.00	\$ 40.00	\$ 154,680.00	5,603.00	\$ 40.00	\$ 224,120.00	\$ 69,440.00
141	Barb Wire Fence	LF	2,521.00	\$ 5.00	\$ 12,605.00	2,771.00	\$ 5.00	\$ 13,855.00	\$ 1,250.00
<b>ADD SUBTOTAL</b>									<b>\$ 367,411.53</b>

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>NEW ITEM</b>									
142	Regrading to Drain Surface Water from Ponding	LS	0.00	\$ -	\$ -	1.00	\$ 3,580.00	\$ 3,580.00	\$ 3,580.00
143	Saw Cutting Existing Concrete	LS	0.00	\$ -	\$ -	1.00	\$ 450.00	\$ 450.00	\$ 450.00
144	RFI No. 9 Remove and Replace Pavement Stripping	LS	0.00	\$ -	\$ -	1.00	\$ 4,534.98	\$ 4,534.98	\$ 4,534.98
145	RFI No. 9 Saw Cutting Existing Pavement	LS	0.00	\$ -	\$ -	1.00	\$ 3,071.21	\$ 3,071.21	\$ 3,071.21
146	Modification of Storm MH A2	LS	0.00	\$ -	\$ -	1.00	\$ 985.00	\$ 985.00	\$ 985.00
147	Remove Existing 15" RCP and Replace with 18" RCP	LF	0.00	\$ -	\$ -	72.00	\$ 48.00	\$ 3,456.00	\$ 3,456.00
148	Hauled Excess Material with On-Road Trucks to Spring Green Project	CY	0.00	\$ -	\$ -	980.00	\$ 8.00	\$ 7,840.00	\$ 7,840.00
149	Replaced Route Signs to Comply with TMUTCD	LS	0.00	\$ -	\$ -	1.00	\$ 456.20	\$ 456.20	\$ 456.20
150	Electronic Message Boards	LS	0.00	\$ -	\$ -	1.00	\$ 2,863.35	\$ 2,863.35	\$ 2,863.35
151	Wavetronic Radar Detectors Present	EA	0.00	\$ -	\$ -	4.00	\$ 4,915.00	\$ 19,660.00	\$ 19,660.00
152	Wavetronic Radar Detectors Advance	EA	0.00	\$ -	\$ -	3.00	\$ 4,915.00	\$ 14,745.00	\$ 14,745.00
153	Communication Cable	LF	0.00	\$ -	\$ -	1,170.00	\$ 1.65	\$ 1,930.50	\$ 1,930.50
154	Installation Assistance	LS	0.00	\$ -	\$ -	1.00	\$ 500.00	\$ 500.00	\$ 500.00
155	Early Opening of Cane Island Pavement Stripping	LS	0.00	\$ -	\$ -	1.00	\$ 3,593.04	\$ 3,593.04	\$ 3,593.04
156	Furnished and Installed Crushed Concrete	TN	0.00	\$ -	\$ -	224.88	\$ 36.00	\$ 8,095.68	\$ 8,095.68
157	RFI No. 8 Finish & Install 12" RCP	LF	0.00	\$ -	\$ -	144.00	\$ 46.00	\$ 6,624.00	\$ 6,624.00
158	Furnished and Installed NO Outlet Signs for Willow Bend	LS	0.00	\$ -	\$ -	1.00	\$ 786.89	\$ 786.89	\$ 786.89
159	Addendum No. 13 TCP for Lane Closure for Willow Bend	LS	0.00	\$ -	\$ -	1.00	\$ 1,484.70	\$ 1,484.70	\$ 1,484.70
160	Furnish & Install Signal Ahead Beacon Sign	LS	0.00	\$ -	\$ -	1.00	\$ 6,009.12	\$ 6,009.12	\$ 6,009.12
161	Additional Driveway Signs Along FM 1463	LS	0.00	\$ -	\$ -	1.00	\$ 1,327.70	\$ 1,327.70	\$ 1,327.70
162	Articulating Concrete Block	SY	203.00	\$ 82.50	\$ 16,747.50	1,172.44	\$ 82.50	\$ 96,726.30	\$ 79,978.80
<b>NEW ITEM SUBTOTAL</b>									\$ 171,972.17

Item No.	DESCRIPTION	UNIT	Bid Quantity	Bid Cost	Bid Total	New Quantity	Item Price	New Item Total	Total Change in Price
<b>DEDUCT</b>									
24	Remove and Dispose of Fencing Including Gates	LF	2,575.00	\$ 2.00	\$ 5,150.00	2,092.00	\$ 2.00	\$ 4,184.00	\$ (966.00)
32A	8" Reinforced Concrete Pavement	SY	660.00	\$ 8.00	\$ 5,280.00	-	\$ -	\$ -	\$ (5,280.00)
37	Concrete Driveways	SY	873.00	\$ 70.00	\$ 61,110.00	470.23	\$ 70.00	\$ 32,916.10	\$ (28,193.90)
55	Corrugated Metal Pipe (72 Inch)	LF	52.00	\$ 125.00	\$ 6,500.00	36.00	\$ 125.00	\$ 4,500.00	\$ (2,000.00)
131	Radar Advance Detection Device	EA	3.00	\$ 7,500.00	\$ 22,500.00	0.00	\$ 7,500.00	\$ -	\$ (22,500.00)
139	Dewatering	LF	1,000.00	\$ 20.00	\$ 20,000.00	0.00	\$ 20.00	\$ -	\$ (20,000.00)
<b>DEDUCT SUBTOTAL</b>									\$ (78,939.90)

TOTAL \$ 460,443.80