



CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT



Project Information

Project Name	Little River Drainage Improvements				
Work Order Number (CDBG-DR 01)	I-15-W-URG	Project Address	South End of Little River Park		
Date	8/5/2019	Requested By	Downey Contracting. LLC		
Date Requested	7/30/2019	Total Budget	\$10,878,691.95	Cost of Change	\$59,223.00

Change Order Type - Description

Circle Type:	Field	Change	Work Order Amendment	
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Budget Line Items Affected: (List All)

Additional aggregate base at undercut – Unit Price \$72/CY, Quantity increased by 350
 Concrete Pads for Fitness Stations (paid from a different fund-leveraged) – Unit Price \$66/SY, Quantity increased by 100
 Synthetic Turf with ¼” pad (paid from a different fund-leveraged) – Unit Price \$12/SF, Quantity decreased by 2,425

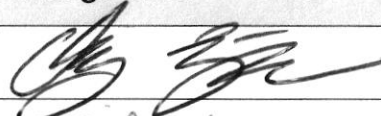
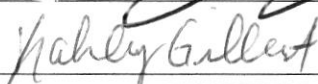

Added Items:

Class C Flumes, Rip Rap from end of flumes to high water mark – Unit Price \$3,268.00/Each, Quantity 11
 Additional Concrete Sidewalk at Tractor Crossing – Unit Price \$165/CY, Quantity 40
 Undercut and Geogrid at 17th Street due to unsuitable subgrade – Unit Price \$6.50/SY, Quantity 2,150

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Change Description	<p>After witnessing a few major rain events during construction, the City made the decision to add concrete flumes at the bottom of the larger pipes carrying the most amount of water. If the flumes were not constructed under these pipes, erosion would have occurred from the water depositing in the channel.</p> <p>Because of the weight of maintenance vehicles like tractors, mowers, and trucks, it was decided a thicker concrete will need to be poured for the crossing.</p> <p>Once the reconstruction started on SE 17th Street, it was discovered the subgrade was unstable. Because the subgrade could not be fixed by compacting, it was decided geogrid would need to be installed to stabilize the subgrade.</p>
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Field Change Order

Field Change Order Authorization ONLY Vendor Signature		Date	
Field Change Order Authorization ONLY Project Manager Signature		Date	
Change Order			
Change Order Authorization ONLY Vendor Signature		Date	8/28/2019
Change Order Authorization ONLY Project Manager Signature		Date	8/28/2019
Change Order Authorization ONLY Project Supervisor Signature		Date	8/28/2019
Contract Amendment			
Work Order Amendment Authorization ONLY Vendor Signature		Date	
Work Order Amendment Authorization ONLY Project Manager Signature		Date	
Work Order Amendment Authorization ONLY Project Supervisor Signature		Date	
Contract Amendment Authorization ONLY CDBG Manager		Date	

Cost Reasonableness Certification

Project Name	Little River Drainage Improvements	
Work Order Number	I-15-W-URG	Date 8/28/2019

Line Item	Contract Amount	Industry Standard	Vendor
Drainage Improvements	\$ 8,580,233.83	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Sanitary Sewer	\$ 34,556.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Water Line	\$ 103,384.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Bridge A	\$ 62,160.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Bridge B	\$ 52,220.00	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Outlet Structure	\$ 1,652,616.10	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #1-Trail East of Channel	\$ 81,869.50	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #2-Trail Inside Pond Area	\$ -	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Add Alternate #3-Recon Block Channel Wall w/aesthetics	\$ 200,398.25	Conceptual Engineer's Estimate Little River Park Drainage Improvements	Meshek & Associates
Construction Fencing	\$ 5,375.27	City of Moore Review	City of Moore
Fitness Stations	\$ 24,156.00	City of Moore Review with Meshek & Associates	City of Moore
Class C Flumes, Rip Rap from end of flume to high water mark	\$ 35,948.00	Consultation with Silver Star Construction	City of Moore
Geofrad and undercut for unsuitable subgrade at 17th St	\$ 39,175.00	City of Moore Review	City of Moore
Additional concrete for tractor crossing	\$ 6,600.00	City of Moore Review	City of Moore
Total	\$ 10,878,691.95		

Certification: The Project Supervisor (PS) of the City of Moore, Oklahoma certifies that the Cost Reasonableness summary provided above for the stated project is accurate, complete, and in conformance with Office of Management and Budget requirements on the date certified.

Jerry Ihler, Project Supervisor

Signature

8/28/2019

Date





MEMO

Date: August 8, 2019
To: File for I-15-W-URG
From: Kahley Gilbert, Project-Grant Manager *VG*
Re: Cost Reasonableness for Change Order #5

Concrete Flumes

The City first consulted with Ben Fletcher with Meshek and Associates, the engineer on the project, for the cost reasonableness on the concrete flumes in the drainage channel. Mr. Fletcher stated that he didn't have enough construction knowledge to estimate what the cost would be for the installation of the concrete flumes in the channel. Because of the location of the flumes, it takes more specialized equipment and labor to complete the work.

The City then consulted with Steve Shawn with Silver Star Construction. Mr. Shawn stated the cost of \$35,948.00 for the eleven flumes was a reasonable amount for the work. He saw no issues with the cost proposed.

Geogrid for subgrade for 17th St.

The Capital Planning and Resiliency staff consulted with Jerry Ihler, the Assistant City Manager. Mr. Ihler is also a licensed professional engineer and oversees all infrastructure projects for the City. Mr. Ihler stated because the quantity of the item is so small, the unit price will be higher. He believes given the small amount of quantity, the price for the geogrid is cost reasonable.

Additional Fitness Pad

The initial fitness pad was added to the project on change order #4. It was decided by the City's parks department that an additional pad is needed to accommodate the amount of equipment purchased. The unit price for these fitness pads were approved as cost reasonable by the project engineer, Ben Fletcher when change order #4 was completed. These fitness pads are also funded with other non-federal funds. These costs are leveraged against this project.

Tractor Crossings

The tractor crossings are on average 50 feet long, ten foot wide, and six inches in depth. This makes each crossing on average to be 8.91 CY of concrete. There are three

crossings which brings a total of 26.73 CY for all crossings. There are additional concrete ramps for the transitions in the recon wall elevation changes. There are nine transitions, each being 3.85 CY, for a total of 34.65. The cost is \$165 per CY, making the total \$8,820.90. However, some of the crossings are shorter in length so the total number of CY for the change order is 40.

The City compared this price with its On-Demand Construction Services contract that contains a unit cost for a 10 foot wide, 6 inch deep trail. However, this unit is by SY. The City decided this would be a good comparison because this line item in the contract specifies the same width and depth. The square yardage was calculated using the same length and width as above. The total square yards is 334.08. At a cost of \$55 per SY, the total cost would be \$18,374.40.

The cost is significantly lower than the On-Demand Construction unit price contract. Because the contractor has already mobilized and is contracted to construct a 10 foot wide trail at 4 inches deep, adding the additional depth for the tractor crossings at the time of construction is not too burdensome for materials and/or labor.

The City has determined the cost for the tractor crossings is cost reasonable.



3217 NE 63rd Street, Oklahoma City, OK 73121

Office: 405-478-5277, Fax 405-478-5269

CHANGE ORDER PROPOSAL

Date: 8/7/19
Project: Little River Drainage Improvements - Moore, Oklahoma
Includes: The following pricing includes **only** line items listed below.
Reason: Add Concrete Sidewalk at Wall and Tractor Crossing - Requested by Owner

<u>Item No.</u>	<u>QTY</u>	<u>Unit</u>	<u>Item Description</u>	<u>Price</u>	<u>Total</u>
N/A	40.00	CY	ADDITIONAL CONCRETE SIDEWALK AT TRACTOR CROSSING	\$ 165.00	\$6,600.00

Day Zimbelman, Project Manager
dzimbelman@downeycontracting.com

Kahley Gilbert

From: Kahley Gilbert
Sent: Wednesday, August 28, 2019 10:24 AM
To: Day Zimbelman
Subject: RE: CO2 Under cut & Geo Grid

Great, thank you!

From: Day Zimbelman [mailto:dzimbelman@downeycontracting.com]
Sent: Wednesday, August 28, 2019 9:50 AM
To: Kahley Gilbert <KGilbert@cityofmoore.com>
Subject: Re: CO2 Under cut & Geo Grid

That's hard to answer because they are varying in length, but I spoke to Silver Star and they said the average length is 50'.

On Wed, Aug 28, 2019 at 9:32 AM Kahley Gilbert <KGilbert@cityofmoore.com> wrote:

Day,

How long are the crossings?

Thanks!

From: Day Zimbelman [mailto:dzimbelman@downeycontracting.com]
Sent: Monday, August 26, 2019 7:53 AM
To: Kahley Gilbert <KGilbert@cityofmoore.com>
Subject: Fwd: CO2 Under cut & Geo Grid

----- Forwarded message -----

From: Greg Kalicki <gregk@silverstarconst.com>
Date: Fri, Aug 23, 2019 at 3:48 PM
Subject: RE: CO2 Under cut & Geo Grid
To: Day Zimbelman <dzimbelman@downeycontracting.com>

Day

Kahley Gilbert

From: Day Zimbelman <dzimbelman@downeycontracting.com>
Sent: Tuesday, October 01, 2019 9:07 AM
To: Kahley Gilbert
Subject: Fwd: Thickened sidewalk areas

This area accounts for 29 cy, the additional yardage of concrete is where the sidewalk has to ramp down due to the transitions in the recon wall elevation. There are 9 of those x 3.85 cy, so that would take our total over the 40 cy Silver Star requested.

----- Forwarded message -----

From: **Greg Trent** <gtrent@downeycontracting.com>
Date: Mon, Sep 30, 2019 at 2:58 PM
Subject: Thickened sidewalk areas
To: <dzimbelman@downeycontracting.com>, <cmiller@cityofmoore.com>

There are 3 areas the city asked us to designate as equipment crossings these 3 areas total 157 linear feet @ 10' wide = 1570 sq ft

I spoke with Silverstar

The additional thickened areas in the COR are including the ramp areas on the sidewalks where our recon walls transition in elevation either up or down.

Sent from my iPhone
Downey Contracting
Greg Trent
Superintendent
Cell- 580-383-6682
gtrent@downeycontracting.com

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Day Zimbelman

Project Manager/Estimator

405.418.8705 *Direct Line*

405.478.5269 *Fax*



3217 NE 63rd Street, Oklahoma City, OK 73121

Office: 405-478-5277, Fax 405-478-5269

CHANGE ORDER PROPOSAL

Date: 8/7/19

Project: Little River Drainage Improvements - Moore, Oklahoma

Includes: The following pricing includes **only** line items listed below.

Reason: Unsuitable Subgrade at 17th Street - Undercut and Remove 6" of Unsuitable Soil, Install Geogrid and Additional Aggregate Base

Item No.	QTY	Unit	Item Description	Price	Total
N/A	2150.00	SY	UNDERCUT AND GEOGRID AT 17TH STREET DUE TO UNSUITABLE SUBGRADE	\$ 6.50	\$13,975.00
7	350.00	CY	ADDITIONAL AGGREGATE BASE AT UNDERCUT	\$ 72.00	\$25,200.00

Day Zimbelman, Project Manager
dzimbelman@downeycontracting.com

Kahley Gilbert

From: Jerry Ihler
Sent: Tuesday, August 13, 2019 1:14 PM
To: Kahley Gilbert
Subject: RE: Geogrid for 17th St.

Kahley .. both unit prices seem a little high, but given such a small area you would pay premium. Example .. we are paying \$58 per CY for aggregate on SW 34th St., however we have 7000 CY on that job versus the 350 CY you have. I'm guessing the \$6.50 per SY is split almost 50/50 between the Geogrid and the excavation (undercut). The Geogrid is based on the strength and can vary from \$1.50 to \$7.00 per square yard. Assuming half for the grid at \$3.25 is probably in the ball park given such a small quantity.



Jerry Ihler, PE
Assistant City Manager
City of Moore
301 N. Broadway
Moore, Oklahoma 73160
(405) 793-5200
jihler@cityofmoore.com

From: Kahley Gilbert <KGilbert@cityofmoore.com>
Sent: Monday, August 12, 2019 1:55 PM
To: Jerry Ihler <JIhler@cityofmoore.com>
Subject: Geogrid for 17th St.

Hi Jerry,

I am having to perform a cost analysis for the geogrid at 17th St. to fix the subgrade. Downey has submitted these costs:

ITEM DESCRIPTION		QUANTITY	UNIT PRICE	TOTAL COST
UNDERCUT AND GEOGRID AT 17TH ST DUE TO UNSUITABLE SUBGRADE	SY	2,150.00	6.50	13,975.00
ADDITIONAL AGGREGATE BASE AT UNDERCUT	CY	350.00	72.00	25,200.00

Cliff said you may know if this is cost reasonable or know of someone I can contact.

Thanks!

Kahley Gilbert
Project-Grants Manager
Capital Planning and Resiliency
City of Moore

301 N. Broadway Moore, Oklahoma 73160
405-793-4571 phone 405-793-5057 fax
kgilbert@cityofmoore.com



3217 NE 63rd Street, Oklahoma City, OK 73121

Office: 405-478-5277, Fax 405-478-5269

CHANGE ORDER PROPOSAL

Date: 8/8/19
Project: Little River Drainage Improvements - Moore, Oklahoma
Includes: The following pricing includes only line items listed below.
Reason: Added by Owner.

Table with 5 columns: QTY, Unit, Item Description, Price, Total. Row 1: 100.00 SY Concrete Pads for Fitness Stations (includes grading) \$ 66.00 \$8,600.00. Row 2: 900.00 SF Synthetic Turf with 1/4" Pad \$ 12.00 \$10,800.00

No turf -

No turf ->

Whitney @ Parks Dept. will have someone to do it with general funds. 11/6

Day Zimbelman signature

Day Zimbelman, Project Manager
dzimbelman@downeycontracting.com



3217 NE 63rd Street, Oklahoma City, OK 73121

Office: 405-478-5277, Fax 405-478-5269

ADD DRAINAGE FLUMES

Date: 7/30/2019 - Revised Count to 11 Locations.
Project: Little River Drainage Improvements - Moore, Oklahoma
Includes: The following pricing includes **only** line items listed below.
Reason: Erosion was noticed from some pipes at new Recon Wall.

Item No.	QTY	Unit	Item Description	Price	Total
N/A	11.00	EA	Add Class C Flumes, Rip Rap from End of Flume to High Water Mark	\$ 3,268.00	\$35,948.00

***Price Includes Cutting Out TRMS Fabric at Each Location, Concrete Work for Each Flume, Adding Rip Rap from End of Flumes to the High Water Mark, Properly Tucking in TRMS Fabric Along Sides of Flumes.

Day Zimbelman, Project Manager
dzimbelman@downeycontracting.com

History of Changes Occurring

Item Description	Unit	Estimated Quantity	Unit Price	Estimated Cost	CHANGE ORDER					TOTAL QUANTITY TO DATE
					(C*D)	01	02	03	04	
					Quantity Changed by	Quantity Changed by	Quantity Changed by	Quantity Changed by	Quantity Changed by	
SWPPP DOCUMENTATION AND MANAGEMENT	LS	1.00	4,000.00	4,000.00						1.00
EARTHWORK	CY	174,862.16	12.47	2,180,531.14						174,862.16
GRANULAR BACKFILL (#57 CRUSHED STONE CLEAN WASHED)	CY	5,204.00	47.00	244,588.00						5,204.00
PRECAST ARCH CULVERT W/ AESTHETICS	EA	1.00	549,000.00	549,000.00						1.00
6" #57 CRUSHED STONE LEVELING PAD (WALL)	CY	646.11	57.00	36,828.27						646.11
8" COMPACTED SUBGRADE (WALL)	SY	4,045.00	13.00	52,585.00						4,045.00
AGGREGATE BASE (TYPE A)	CY	422.00	72.00	30,384.00						422.00
PORTLAND CEMENT CONCRETE PAVEMENT (9" DOWEL JOINTED)	SY	1,900.64	52.00	98,833.34						1,900.64
CONC. CURB (6" BARRIER-INTEGRAL)	LF	1,124.42	8.00	8,995.36						1,124.42
BRICK PAVERS (SP)	SF	298.00	27.00	8,046.00						298.00
24" CONCRETE END TREATMENT (CLASS A CONC.)	EA	1.00	1,500.00	1,500.00						1.00
(SP) 8" CORRUGATED POLYPROPYLENE PIPE	LF	25.26	42.00	1,060.92			-25.26			0.00
(SP) 16" CORRUGATED POLYPROPYLENE PIPE	LF	18.60	62.00	1,153.20			-18.60			0.00
(SP) 18" CORRUGATED POLYPROPYLENE PIPE	LF	5.40	100.00	540.00			-2.10			3.30
(SP) 21" CORRUGATED POLYPROPYLENE PIPE	LF	8.00	100.00	800.00			-8.00			0.00
(SP) 24" CORRUGATED POLYPROPYLENE PIPE	LF	42.00	125.00	5,250.00			130.50			172.50
(SP) 36" CORRUGATED POLYPROPYLENE PIPE	LF	26.80	240.00	6,432.00			108.30			135.10
(SP) 48" CORRUGATED POLYPROPYLENE PIPE	LF	15.60	350.00	5,460.00			73.80			89.40
6' X 3' C76 CL III RCB, COMPLETE IN PLACE	LF	80.80	220.00	17,776.00			-80.80			0.00
36" C76 CL III RCP, COMPLETE IN PLACE	LF	57.20	140.00	8,008.00			85.00			142.20
STORM SEWER MANHOLE (5' DIA.)	EA	11.00	3,300.00	36,300.00			1.00			12.00
STORM SEWER MANHOLE (6' DIA.)	EA	3.00	4,000.00	12,000.00						3.00
STORM SEWER MANHOLE ADDED DEPTH (5' DIA.)	VF	21.34	160.00	3,414.40			10.40			31.74
STORM SEWER MANHOLE ADDED DEPTH (6' DIA.)	VF	3.63	270.00	980.10			1.00			4.63
INLET SMD (TYPE 2B)	EA	2.00	3,700.00	7,400.00						2.00
ADJUST MANHOLE TO GRADE	EA	7.00	2,000.00	14,000.00			5.00			12.00
4" PERFORATED SUBDRAIN PIPE	LF	6,723.00	5.00	33,615.00						6,723.00
INLET CI DES. 2 (D)	EA	5.00	8,850.00	44,250.00			1.00	-1.00		5.00
ST-95 STORM OUTLET STRUCTURE (COMPLETE)	EA	1.00	2,000.00	2,000.00						1.00
TRAFFIC STRIPE (PLASTIC) (WHITE) (4" WIDE)	LF	356.22	6.00	2,137.32						356.22
TRAFFIC STRIPE (PLASTIC) (WHITE) (24" WIDE)	LF	80.00	20.00	1,600.00						80.00
TRAFFIC STRIPE (PLASTIC) (WHITE) (SYMBOLS)	EA	2.00	500.00	1,000.00						2.00
PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	LF	223.00	2.00	446.00						223.00
PAVEMENT MARKING REMOVAL (SYMBOLS)	EA	1.00	250.00	250.00						1.00
CONSTRUCTION STAKING, LEVEL II	LSUM	1.00	59,800.00	59,800.00						1.00
FIELD OFFICE	EA	1.00	5,000.00	5,000.00						1.00
MOBILIZATION	EA	1.00	230,000.00	230,000.00						1.00
CLEARING AND RESTORING	LSUM	1.00	240,000.00	240,000.00						1.00

REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LSUM	1.00	24,000.00	24,000.00					1.00
REMOVE EXIST. HEADWALL & WINGWALL	EA	4.00	5,000.00	20,000.00					4.00
REMOVAL OF 17TH STREET BRIDGE	LS	1.00	38,000.00	38,000.00					1.00
REMOVE SIDEWALK	SY	3,167.00	6.50	20,585.50					3,167.00
REMOVE CURB & GUTTER	LF	1,124.00	5.50	6,182.00					1,124.00
CONCRETE PAVEMENT REMOVAL	SY	1,900.64	8.00	15,205.13					1,900.64
REMOVE DRIVEWAY	SY	48.20	45.00	2,168.85					48.20
SIDEWALK	SY	314.00	67.00	21,038.00					314.00
6" P.C. CONC. DRIVEWAY (HES)	SY	48.20	98.00	4,723.27					48.20
4' BLACK VINYL COATED CHAIN LINK FENCE	LF	6,067.48	18.75	113,765.25			-6,067.48		0.00
WHEELCHAIR RAMP (TYPE B)	SY	47.14	140.00	6,598.98					47.14
WHEELCHAIR RAMP (TYPE D)	SY	136.29	140.00	19,080.91					136.29
TACTILE MARKERS/TRUNCATED DOMES	SF	120.00	16.00	1,920.00					120.00
SOLID SLAB SODDING (U-3 BERMUDA)	SY	120,286.96	1.80	216,516.53					120,286.96
TEMPORARY SILT FENCE	LF	15,100.41	1.40	21,140.57					15,100.41
FILTER FABRIC	SY	1,935.00	2.75	5,321.25					1,935.00
10' WIDE CONCRETE TRAIL (4" THICK)	SY	14,044.00	30.00	421,320.00					14,044.00
TURF REINFORCEMENT MATS (TRMS)	SY	11,832.69	17.00	201,155.73					11,832.69
TURF REINFORCEMENT MATS (ARMS)	SY	333.33	25.00	8,333.33					333.33
BOLLARD POST (REMOVABLE RECEIVER W/ LID)	EA	4.00	1,000.00	4,000.00					4.00
36" FLAP GATE	EA	2.00	6,300.00	12,600.00					2.00
RECON BLOCK CHANNEL WALL (NO AESTHETICS)	SFF	54,237.00	51.75	2,806,764.75		7,424.00			61,661.00

Sanitary Sewer	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	CY	82.00	38.00	3,116.00				82.00
	12" SDR-35 POLY WRAPPED	LF	93.00	80.00	7,440.00				93.00
	24" STEEL CASING	LF	80.00	300.00	24,000.00				80.00

Waterline	TRENCH EXCAVATION AND BACKFILL (0' TO 10')	CY	677.00	10.00	6,770.00				677.00
	ROCK BACKFILL	CY	622.00	46.00	28,612.00				622.00
	8" PVC PIPE C-900	LF	918.00	24.00	22,032.00				918.00
	8" SOLID SLEEVE (RJ)	EA	3.00	200.00	600.00				3.00
	8" x 8" x 6" TEE	EA	1.00	280.00	280.00				1.00
	8" x 8" x 8" TEE	EA	4.00	320.00	1,280.00				4.00
	8" 11.25° BEND (RJ)	EA	9.00	190.00	1,710.00				9.00
	8" 22.5° BEND (RJ)	EA	5.00	190.00	950.00				5.00
	8" 45° BEND (RJ)	EA	10.00	190.00	1,900.00				10.00
	8" GATE VALVE (RJ) AND VALVE BOX	EA	5.00	1,250.00	6,250.00				5.00
	FIRE HYDRANT	EA	2.00	3,000.00	6,000.00				2.00
	CLEARING AND RESTORING	LSUM	1.00	27,000.00	27,000.00				1.00

Bridge A	DRILLED SHAFTS (18" DIAMETER)	LF	196.00	75.00	14,700.00					196.00
	STRUCTURAL CONCRETE	CY	11.10	1,600.00	17,760.00					11.10
	REINFORCING STEEL	LB	850.00	2.00	1,700.00					850.00
	INSTALLATION OF BRIDGE ITEMS	EA	1.00	28,000.00	28,000.00					1.00
Bridge B	DRILLED SHAFTS (18") DIAMETER	LF	156.00	75.00	11,700.00					156.00
	STRUCTURAL CONCRETE	CY	6.90	1,600.00	11,040.00					6.90
	REINFORCING STEEL	LB	740.00	2.00	1,480.00					740.00
	INSTALLATION OF BRIDGE ITEMS	EA	1.00	28,000.00	28,000.00					1.00
Outlet Structure	STRUCTURAL EXCAVATION	CY	5,260.00	18.00	94,680.00			340.00		5,600.00
	STRUCTURAL CONCRETE	CY	1,041.30	996.00	1,037,134.80		361.70			1,403.00
	REINFORCING STEEL	LB	83,270.00	1.03	85,768.10					83,270.00
	PERFORATED UNDERDRAIN PIPE CONDUIT (6")	LF	262.00	55.00	14,410.00					262.00
	4 FT PEDESTRIAN RAILING	LF	310.00	175.00	54,250.00					310.00
										0.00
Add Alt 1	10' WIDE CONCRETE TRAIL (4" THICK)	SY	2,243.00	36.50	81,869.50					2,243.00
Add Alt 2	10' WIDE CONCRETE TRAIL (4" THICK)	SY	2,618.00	36.50	95,557.00				-2,618.00	0.00
	42" CONCRETE END TREATMENT (CLASS A CONC.)	EA	1.00	5,800.00	5,800.00				-1.00	0.00
	36" C76 CL III RCP, COMPLETE IN PLACE	LF	40.00	120.00	4,800.00				-40.00	0.00
Add Alt 3	RECON BLOCK W/ WEATHERED EDGE & STAINING	SFF	54,237.00	3.25	176,270.25		7,424.00			61,661.00
	Added Items									
	Construction Fencing	LSUM	-	5,375.27	0.00	1.00				1.00
	(SP) 12" CORRUGATED POLYPROPYLENE PIPE (CHARGE SAME UNIT PRICE AS 8")	LF	-	42.00	0.00			23.10		23.10
	(SP) 15" CORRUGATED POLYPROPYLENE PIPE (CHARGE SAME UNIT PRICE AS 8")	LF	-	42.00	0.00			18.70		18.70
	(SP) 30" CORRUGATED POLYPROPYLENE PIPE (CHARGE SAME UNIT PRICE AS 24")	LF	-	125.00	0.00			46.00		46.00
	INLET CI DES. 3 (CHARGE SAME UNIT PRICE AS INLET CI DES. 2)	EA	-	5,800.00	0.00			2.00		2.00
	GRANULAR BACKFILL (#57 CRUSHED STONE CLEAN WASHED)	CY	-	31.00	0.00			7,500.00		7,500.00
	INLET DES. 3D	EA	-	9,497.00	0.00			1.00		1.00
	CONCRETE PADS FOR FITNESS STATIONS (PAID FROM A DIFFERENT FUND-LEVERAGED)	SY	-	66.00	0.00			266.00	100.00	366.00
	SYNTHETIC TURF WITH 1/4" PAD (PAID FROM A DIFFERENT FUND-LEVERAGED)	SF	-	12.00	0.00			2,425.00	-2,425.00	0.00
	4' x 4' RCB	LF	-	180.00	0.00			91.40		91.40
	CLASS A CONCRETE END TREATMENTS	EA	-	5,800.00	0.00			2.00		2.00
	CLASS C FLUMES, RIP RAP FROM END OF FLUMES TO HIGH WATER MARK	EA	-	3,600.00	0.00				11.00	11.00
	UNDERCUT AND GEOGRID AT 17TH ST DUE TO UNSUITABLE SUBGRADE	SY	-	6.50	0.00				2,150.00	2,150.00
	ADDITIONAL AGGREGATE BASE AT UNDERCUT	CY	-	72.00	0.00				350.00	350.00
	ADDITIONAL CONCRETE SIDEWALK AT TRACTOR CROSSING	CY	-	165.00	0.00				40.00	40.00
	Total Budget									9,849,243.75

Change Order 8-5-19										
CLASS C FLUMES, RIP RAP FROM END OF FLUMES TO HIGH WATER MARK	EA	11.00	3,268.00	35,948.00						
CONCRETE PADS FOR FITNESS STATIONS (PAID FROM A DIFFERENT FUND-LEVERAGED)	SY	100.00	66.00	6,600.00						
SYNTHETIC TURF WITH 1/4" PAD (PAID FROM A DIFFERENT FUND-LEVERAGED)	SF	(2,425.00)	12.00	-29,100.00						
UNDERCUT AND GEOGRID AT 17TH ST DUE TO UNSUITABLE SUBGRADE	SY	2,150.00	6.50	13,975.00						
ADDITIONAL AGGREGATE BASE AT UNDERCUT	CY	350.00	72.00	25,200.00						
ADDITIONAL CONCRETE SIDEWALK AT TRACTOR CROSSING	CY	40.00	165.00	6,600.00						
				Total Change Order #5						59,223.00
				New Total Project Cost						10,878,691.95