

TOWN OF OCEAN VIEW

201 CENTRAL AVENUE
OCEAN VIEW, DE 19970

MEMORANDUM

TO: Mayor
Town Council Members

FROM: Kenneth L. Cimino 
Director of Planning

VIA: Carol S. Houck
Town Manager

DATE: November 14, 2023

SUBJECT: Discussion, Consideration and Possible Voting on Award of Contract
No. OVPZ&D 23-04, Woodland Avenue and Daisey Avenue Sidewalks

Background: Advertisements soliciting sealed bids for Contract No. OVPZ&D 23-04 were placed in local newspapers and on the Town's website. Bid proposals were accepted by the Town Manager at the Municipal Building located at 201 Central Avenue on Thursday, November 2, 2023.

This work involves furnishing all labor, materials, transportation, tools, supplies and equipment necessary to construct ADA compliant sidewalks and partially reconstruct Daisey Avenue from Woodland Avenue to Central Avenue.

Two sealed bids were received and opened.

Contractor	Base Bid
A-Del Construction	624,850.00
Mumford & Miller Concrete, Inc.	495,294.67
Engineers Estimate	\$466,264.00

A complete review and summary of the bids was performed by Nick Nusbaum, Construction Manager, Wallace Montgomery, and is attached for your review.

Funding: Funding is available for these improvements in the FY 2023 Capital Budget Line 01-615-223-018-006 in the amount of \$342,024.00 and through Grant Funding from DelDOT's Transportation Alternatives in the amount of \$500,000.

Recommendation: It is therefore recommended that the Mayor & Council authorize the Town Manager to enter into a contract with Mumford and Miller Concrete, Inc. for the total bid amount of **\$495,294.67**

Mr. Kenneth Cimino
Town of Ocean View
201 Central Avenue, 2nd Floor
Ocean View, DE 19970

November 4, 2023

RE: Ocean View, Woodland & Daisey Sidewalk
TOV Project No. OVPZ&D 23-04, State Project No. T202320006
Fed. Aid Project No. ETA-2023(47)
Bid Evaluation

Dear Mr. Cimino,

Two (2) bids were received for the above-referenced project on November 2, 2023. The bids are as follows:

	<u>Bid Total</u>
Engineers Estimate (Wallace Montgomery)	\$466,264.00
1. Mumford & Miller Concrete, Inc.	\$495,294.67
2. A-Del Construction	\$624,850.00

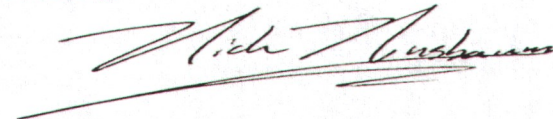
A review of the bids has been performed and a summary of the bids is provided in the bid evaluation spreadsheet.

While performing the bid evaluation a discrepancy was discovered in A-Del's unit cost for Item 763501- Construction Engineering. A-Del submitted a price of \$19,504.09 changing submitted bid total from \$625,000.00 to \$624,850.00. Please see A-Del's attached submitted bid documents.

Mumford and Miller Concrete, Inc. 1005 Industrial Drive, Middletown, DE 19709 has submitted the low bid and was responsive to all bidding requirements. At this time, we recommend awarding the contract to Mumford and Miller Concrete, Inc. for the sum of \$495,294.67.

Should you have any questions, please feel free to call me at your earliest convenience. I may be reached at 302-841-4569.

Sincerely,



Nick Nusbaum
Construction Manager

Attachments: Bid Evaluation Spreadsheet, Mumford & Miller Bid, A-Del Bid

Woodland & Daisy Avenue Sidewalks
OVPZ&D 23-04

Item No.	Description	Quantity	Unit	Engineers Estimate			Mumford & Miller Concrete, INC.			A-Del Construction		
				Unit Cost	Cost	% of Est.	Unit Cost	Cost	% of Bid	Unit Cost	Cost	% of Bid
201000	CLEARING AND GRUBBING	1	LS	\$ 3,000.00	\$ 3,000.00	0.6%	\$ 13,800.00	\$ 13,800.00	2.8%	\$ 10,000.00	\$ 10,000.00	1.60%
202000	EXCAVATION AND EMBANKMENT	272	CY	\$ 35.00	\$ 9,520.00	2.0%	\$ 28.80	\$ 7,833.60	1.6%	\$ 57.50	\$ 15,640.00	2.50%
209006	BORROW, TYPE F	113	CY	\$ 30.00	\$ 3,390.00	0.7%	\$ 44.20	\$ 4,994.60	1.0%	\$ 95.00	\$ 10,735.00	1.72%
211001	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT,	44	SY	\$ 32.00	\$ 1,408.00	0.3%	\$ 117.60	\$ 5,174.40	1.0%	\$ 54.00	\$ 2,376.00	0.38%
211500	TREE REMOVAL, 6" TO 15" DIAMETER	5	EACH	\$ 800.00	\$ 4,000.00	0.9%	\$ 1,060.00	\$ 5,300.00	1.1%	\$ 1,250.00	\$ 6,250.00	1.00%
211501	TREE REMOVAL, GREATER THAN 15" TO 25" DIAMETER	2	EACH	\$ 2,250.00	\$ 4,500.00	1.0%	\$ 3,033.00	\$ 6,066.00	1.2%	\$ 2,200.00	\$ 4,400.00	0.70%
211502	TREE REMOVAL, GREATER THAN 25" TO 37" DIAMETER	3	EACH	\$ 2,250.00	\$ 6,750.00	1.4%	\$ 4,000.00	\$ 12,000.00	2.4%	\$ 3,000.00	\$ 9,000.00	1.44%
211503	TREE REMOVAL, GREATER THAN 37" TO 49" DIAMETER	1	EACH	\$ 2,250.00	\$ 2,250.00	0.5%	\$ 6,000.00	\$ 6,000.00	1.2%	\$ 5,000.00	\$ 5,000.00	0.80%
211505	TRANSPLANTING TREES	4	EACH	\$ 1,000.00	\$ 4,000.00	0.9%	\$ 1,160.00	\$ 4,640.00	0.9%	\$ 1,500.00	\$ 6,000.00	0.96%
211511	ROOT PRUNING	200	LF	\$ 20.00	\$ 4,000.00	0.9%	\$ 39.00	\$ 7,800.00	1.6%	\$ 5.00	\$ 1,000.00	0.16%
301001	GABC	162	CY	\$ 95.00	\$ 15,390.00	3.3%	\$ 120.00	\$ 19,440.00	3.9%	\$ 150.00	\$ 24,300.00	3.89%
301002	GABC, PATCHING	11	CY	\$ 140.00	\$ 1,540.00	0.3%	\$ 141.60	\$ 1,557.60	0.3%	\$ 200.00	\$ 2,200.00	0.35%
401014	SUPERPAVE TYPE B, PG 64-22	72	TON	\$ 145.00	\$ 10,440.00	2.2%	\$ 122.40	\$ 8,812.80	1.8%	\$ 240.00	\$ 17,280.00	2.77%
401029	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, PATCHING	8	TON	\$ 255.00	\$ 2,040.00	0.4%	\$ 192.60	\$ 1,540.80	0.3%	\$ 298.00	\$ 2,384.00	0.38%
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	9	TON	\$ 275.00	\$ 2,475.00	0.5%	\$ 173.80	\$ 1,564.20	0.3%	\$ 265.00	\$ 2,385.00	0.38%
401036	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, WEDGE	96	TON	\$ 150.00	\$ 14,400.00	3.1%	\$ 146.00	\$ 14,016.00	2.8%	\$ 155.00	\$ 14,880.00	2.38%
401044	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (NON-CARBONATE STC	488	TON	\$ 150.00	\$ 73,200.00	15.7%	\$ 135.60	\$ 66,172.80	13.4%	\$ 150.00	\$ 73,200.00	11.71%
504001	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	361	LF	\$ 10.00	\$ 3,610.00	0.8%	\$ 3.90	\$ 1,407.90	0.3%	\$ 3.15	\$ 1,137.15	0.18%
701011	PCC CURB, TYPE 1-4	246	LF	\$ 45.00	\$ 11,070.00	2.4%	\$ 46.00	\$ 11,316.00	2.3%	\$ 66.00	\$ 16,236.00	2.60%
705001	PCC SIDEWALK, 4"	3,157	SF	\$ 10.00	\$ 31,570.00	6.8%	\$ 13.70	\$ 43,250.90	8.7%	\$ 12.50	\$ 39,462.50	6.32%
705002	PCC SIDEWALK, 6"	1,499	SF	\$ 15.00	\$ 22,485.00	4.8%	\$ 17.40	\$ 26,082.60	5.3%	\$ 15.25	\$ 22,859.75	3.66%
705007	DETECTABLE WARNING SURFACE	69	SF	\$ 40.00	\$ 2,760.00	0.6%	\$ 42.20	\$ 2,911.80	0.6%	\$ 47.50	\$ 3,277.50	0.52%
706001	RELOCATE MONUMENT	6	EACH	\$ 425.00	\$ 2,550.00	0.5%	\$ 874.00	\$ 5,244.00	1.1%	\$ 420.00	\$ 2,520.00	0.40%
710002	ADJUST WATER VALVE BOXES	16	EACH	\$ 650.00	\$ 10,400.00	2.2%	\$ 468.00	\$ 7,488.00	1.5%	\$ 595.00	\$ 9,520.00	1.52%
711500	ADJUST AND REPAIR EXISTING SANITARY MANHOLE	5	EACH	\$ 1,250.00	\$ 6,250.00	1.3%	\$ 1,300.00	\$ 6,500.00	1.3%	\$ 1,150.00	\$ 5,750.00	0.92%
711502	ADJUST AND REPAIR EXISTING SANITARY CLEANOUTS	6	EACH	\$ 800.00	\$ 4,800.00	1.0%	\$ 688.00	\$ 4,128.00	0.8%	\$ 950.00	\$ 5,700.00	0.91%
727506	RELOCATING FENCE	30	LF	\$ 65.00	\$ 1,950.00	0.4%	\$ 44.70	\$ 1,341.00	0.3%	\$ 90.00	\$ 2,700.00	0.43%
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	3,302	SYIN	\$ 5.00	\$ 16,510.00	3.5%	\$ 2.90	\$ 9,575.80	1.9%	\$ 3.58	\$ 11,821.16	1.89%
762000	SAW CUTTING, BITUMINOUS CONCRETE	1,720	LF	\$ 2.50	\$ 4,300.00	0.9%	\$ 2.30	\$ 3,956.00	0.8%	\$ 2.83	\$ 4,867.60	0.78%
763000	INITIAL EXPENSE/DE-MOBILIZATION	1	LS	\$ 8,000.00	\$ 8,000.00	1.7%	\$ 25,000.00	\$ 25,000.00	5.0%	\$ 70,000.00	\$ 70,000.00	11.20%
763501	CONSTRUCTION ENGINEERING	1	LS	\$ 8,000.00	\$ 8,000.00	1.7%	\$ 10,482.00	\$ 10,482.00	2.1%	\$ 19,504.09	\$ 19,504.09	3.12%
801500	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	1	LS	\$ 129,000.00	\$ 129,000.00	27.7%	\$ 115,400.00	\$ 115,400.00	23.3%	\$ 160,000.00	\$ 160,000.00	25.61%
817002	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALK	75	SF	\$ 45.00	\$ 3,375.00	0.7%	\$ 30.00	\$ 2,250.00	0.5%	\$ 35.00	\$ 2,625.00	0.42%
817042	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WH	310	LF	\$ 15.00	\$ 4,650.00	1.0%	\$ 7.70	\$ 2,387.00	0.5%	\$ 8.50	\$ 2,635.00	0.42%
818001	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, B	81	SF	\$ 15.00	\$ 1,215.00	0.3%	\$ 22.70	\$ 1,838.70	0.4%	\$ 17.25	\$ 1,397.25	0.22%
818003	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, B	12	SF	\$ 15.00	\$ 180.00	0.0%	\$ 24.50	\$ 294.00	0.1%	\$ 30.00	\$ 360.00	0.06%
819011	GALVANIZED TELESCOPING STEEL SIGN POSTS, 12' X 2", COM	9	EACH	\$ 15.00	\$ 135.00	0.0%	\$ 198.00	\$ 1,782.00	0.4%	\$ 265.00	\$ 2,385.00	0.38%
819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGL	76	EACH	\$ 110.00	\$ 8,360.00	1.8%	\$ 116.50	\$ 8,854.00	1.8%	\$ 120.00	\$ 9,120.00	1.46%
905001	SILT FENCE	1,800	LF	\$ 3.50	\$ 6,300.00	1.4%	\$ 3.20	\$ 5,760.00	1.2%	\$ 3.60	\$ 6,480.00	1.04%
905005	INLET SEDIMENT CONTROL, CURB INLET	1	EACH	\$ 300.00	\$ 300.00	0.1%	\$ 330.00	\$ 330.00	0.1%	\$ 500.00	\$ 500.00	0.08%
908004	TOPSOIL, 6" DEPTH	771	SY	\$ 15.00	\$ 11,565.00	2.5%	\$ 9.60	\$ 7,401.60	1.5%	\$ 17.00	\$ 13,107.00	2.10%
908016	PERMANENT GRASS SEEDING, SUBDIVISION	771	SY	\$ 2.50	\$ 1,927.50	0.4%	\$ 1.37	\$ 1,056.27	0.2%	\$ 2.50	\$ 1,927.50	0.31%
908020	EROSION CONTROL BLANKET MULCH	771	SY	\$ 3.50	\$ 2,698.50	0.6%	\$ 3.30	\$ 2,544.30	0.5%	\$ 2.50	\$ 1,927.50	0.31%
Subtotals:				\$	466,264.00	100.0%	\$	495,294.67	100.0%	\$	624,850.00	100.00%
				% of EE		100.0%	106.2%			134.0%		
				% of Low Bid		94.1%	100.0%			126.2%		

TOV Project No.- 23-04
 State Project No.- T202320006
 Federal Aid Project No.- ETA-2023(47)

*Town of Ocean View, DE
 Woodland Daisy Avenue Sidewalks
 Bid Evaluation*

11/4/2023

*Woodland & Daisy Avenue Sidewalks
 QVPZ&D 23-04*

Contract Documents	Mumford & Miller Concrete, INC.	A-Del Construction
Bid Bond	X	X
Bidders Certification	X	X
Addendums 1	X	X
Delaware Business License	X	X
TOV Business License		
Financial Statement	X	
Drug Testing Affidavit	X	X

** Mumford & Miller Concrete will be required to provide TOV Business License

Woodland & Daisy Avenue Sidewalks
OVPZ&D 23-04

Item No.	Description	Quantity	Avg Price	Avg Price Ext	(EE-LB)*Unit Qty
201000	CLEARING AND GRUBBING	1	\$ 11,900.00	\$ 11,900.00	\$ (10,800.00)
202000	EXCAVATION AND EMBANKMENT	272	\$ 43.15	\$ 11,736.80	\$ 1,686.40
209006	BORROW, TYPE F	113	\$ 69.60	\$ 7,864.80	\$ (1,604.60)
211001	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT,	44	\$ 85.80	\$ 3,775.20	\$ (3,766.40)
211500	TREE REMOVAL, 6" TO 15" DIAMETER	5	\$ 1,155.00	\$ 5,775.00	\$ (1,300.00)
211501	TREE REMOVAL, GREATER THAN 15" TO 25" DIAMETER	2	\$ 2,616.50	\$ 5,233.00	\$ (1,566.00)
211502	TREE REMOVAL, GREATER THAN 25" TO 37" DIAMETER	3	\$ 3,500.00	\$ 10,500.00	\$ (5,250.00)
211503	TREE REMOVAL, GREATER THAN 37" TO 49" DIAMETER	1	\$ 5,500.00	\$ 5,500.00	\$ (3,750.00)
211505	TRANSPLANTING TREES	4	\$ 1,330.00	\$ 5,320.00	\$ (640.00)
211511	ROOT PRUNING	200	\$ 22.00	\$ 4,400.00	\$ (3,800.00)
301001	GABC	162	\$ 135.00	\$ 21,870.00	\$ (4,050.00)
301002	GABC, PATCHING	11	\$ 170.80	\$ 1,878.80	\$ (17.60)
401014	SUPERPAVE TYPE B, PG 64-22	72	\$ 181.20	\$ 13,046.40	\$ 1,627.20
401029	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, PATCHING	8	\$ 245.30	\$ 1,962.40	\$ 499.20
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	9	\$ 219.40	\$ 1,974.60	\$ 910.80
401036	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, WEDGE	96	\$ 150.50	\$ 14,448.00	\$ 384.00
401044	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (NON-CARBONATE STC	488	\$ 142.80	\$ 69,686.40	\$ 7,027.20
504001	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	361	\$ 3.53	\$ 1,272.53	\$ 2,202.10
701011	PCC CURB, TYPE 1-4	246	\$ 56.00	\$ 13,776.00	\$ (246.00)
705001	PCC SIDEWALK, 4"	3,157	\$ 13.10	\$ 41,356.70	\$ (11,680.90)
705002	PCC SIDEWALK, 6"	1,499	\$ 16.33	\$ 24,471.18	\$ (3,597.60)
705007	DETECTABLE WARNING SURFACE	69	\$ 44.85	\$ 3,094.65	\$ (151.80)
706001	RELOCATE MONUMENT	6	\$ 647.00	\$ 3,882.00	\$ (2,694.00)
710002	ADJUST WATER VALVE BOXES	16	\$ 531.50	\$ 8,504.00	\$ 2,912.00
711500	ADJUST AND REPAIR EXISTING SANITARY MANHOLE	5	\$ 1,225.00	\$ 6,125.00	\$ (250.00)
711502	ADJUST AND REPAIR EXISTING SANITARY CLEANOUTS	6	\$ 819.00	\$ 4,914.00	\$ 672.00
727506	RELOCATING FENCE	30	\$ 67.35	\$ 2,020.50	\$ 609.00
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	3,302	\$ 3.24	\$ 10,698.48	\$ 6,934.20
762000	SAW CUTTING, BITUMINOUS CONCRETE	1,720	\$ 2.57	\$ 4,411.80	\$ 344.00
763000	INITIAL EXPENSE/DE-MOBILIZATION	1	\$ 47,500.00	\$ 47,500.00	\$ (17,000.00)
763501	CONSTRUCTION ENGINEERING	1	\$ 14,993.05	\$ 14,993.05	\$ (2,482.00)
801500	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	1	\$ 137,700.00	\$ 137,700.00	\$ 13,600.00
817002	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALK	75	\$ 32.50	\$ 2,437.50	\$ 1,125.00
817042	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WH	310	\$ 8.10	\$ 2,511.00	\$ 2,263.00
818001	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, F	81	\$ 19.98	\$ 1,617.98	\$ (623.70)
818003	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, F	12	\$ 27.25	\$ 327.00	\$ (114.00)
819011	GALVANIZED TELESCOPING STEEL SIGN POSTS, 12" X 2", CON	9	\$ 231.50	\$ 2,083.50	\$ (1,647.00)
819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGL	76	\$ 118.25	\$ 8,987.00	\$ (494.00)
905001	SILT FENCE	1,800	\$ 3.40	\$ 6,120.00	\$ 540.00
905005	INLET SEDIMENT CONTROL, CURB INLET	1	\$ 415.00	\$ 415.00	\$ (30.00)
908004	TOPSOIL, 6" DEPTH	771	\$ 13.30	\$ 10,254.30	\$ 4,163.40
908016	PERMANENT GRASS SEEDING, SUBDIVISION	771	\$ 1.94	\$ 1,491.89	\$ 871.23
908020	EROSION CONTROL BLANKET MULCH	771	\$ 2.90	\$ 2,235.90	\$ 154.20
				\$ 560,072.34	\$ (29,030.67)



Wallace Montgomery Engineer's Estimate Summary

Contract Title: Woodland & Daisey Intersection & S/W
 Contract Description: Pedestrian Improvements along Woodland & Central / Drainage & Intersection Improvements at Woodland & Daisey
 Contract No.: OVPZ&D 23-04
 Date / FAP No.: N/A
 County: Sussex

Date: 11/4/2023 14:21

Item No.	Item Description	Unit	Unit Price	Quantity	Total Cost
201000	CLEARING AND GRUBBING	LS	\$3,000.00	1	\$ 3,000.00
202000	EXCAVATION AND EMBANKMENT	CY	\$35.00	272	\$ 9,520.00
209006	BORROW, TYPE F	CY	\$30.00	113	\$ 3,390.00
211001	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB AND SIDEWALK	SY	\$32.00	44	\$ 1,408.00
211500	TREE REMOVAL, 6" TO 15" DIAMETER	EACH	\$800.00	5	\$ 4,000.00
211501	TREE REMOVAL, GREATER THAN 15" TO 25" DIAMETER	EACH	\$2,250.00	2	\$ 4,500.00
211502	TREE REMOVAL, GREATER THAN 25" TO 37" DIAMETER	EACH	\$2,250.00	3	\$ 6,750.00
211503	TREE REMOVAL, GREATER THAN 37" TO 49" DIAMETER	EACH	\$2,250.00	1	\$ 2,250.00
211505	TRANSPLANTING TREES	EACH	\$1,000.00	4	\$ 4,000.00
211511	ROOT PRUNING	LF	\$20.00	200	\$ 4,000.00
301001	GABC	CY	\$95.00	162	\$ 15,390.00
301002	GABC, PATCHING	CY	\$140.00	11	\$ 1,540.00
401014	SUPERPAVE TYPE B, PG 64-22	TON	\$145.00	72	\$ 10,440.00
401029	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, PATCHING	TON	\$255.00	8	\$ 2,040.00
401030	SUPERPAVE TYPE B, PG 64-22, PATCHING	TON	\$275.00	9	\$ 2,475.00
401036	SUPERPAVE TYPE C, 9.5 mm, PG 64-22, WEDGE	TON	\$150.00	96	\$ 14,400.00
401044	SUPERPAVE TYPE C, 9.5 mm, PG 64-22 (NON-CARBONATE STONE)	TON	\$150.00	488	\$ 73,200.00
504001	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	LF	\$10.00	361	\$ 3,610.00
701011	PCC CURB, TYPE 1-4	LF	\$45.00	246	\$ 11,070.00
705001	PCC SIDEWALK, 4"	SF	\$10.00	3157	\$ 31,570.00
705002	PCC SIDEWALK, 6"	SF	\$15.00	1499	\$ 22,485.00
705007	DETECTABLE WARNING SURFACE	SF	\$40.00	69	\$ 2,760.00
706001	RELOCATE MONUMENT	EACH	\$425.00	6	\$ 2,550.00
710002	ADJUST WATER VALVE BOXES	EACH	\$650.00	16	\$ 10,400.00
711500	ADJUST AND REPAIR EXISTING SANITARY MANHOLE	EACH	\$1,250.00	5	\$ 6,250.00
711502	ADJUST AND REPAIR EXISTING SANITARY CLEANOUTS	EACH	\$800.00	6	\$ 4,800.00
727506	RELOCATING FENCE	LF	\$65.00	30	\$ 1,950.00
760010	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	SYIN	\$5.00	3302	\$ 16,510.00
762000	SAW CUTTING, BITUMINOUS CONCRETE	LF	\$2.50	1720	\$ 4,300.00
763000	INITIAL EXPENSE/DE-MOBILIZATION	LS	\$8,000.00	1	\$ 8,000.00
763501	CONSTRUCTION ENGINEERING	LS	\$8,000.00	1	\$ 8,000.00
801500	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE	LS	\$129,000.00	1	\$ 129,000.00
817002	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC	SF	\$45.00	75	\$ 3,375.00
817042	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 6"	LF	\$15.00	310	\$ 4,650.00
818001	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	SF	\$15.00	81	\$ 1,215.00
818003	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE XI, RETROREFLECTIVE SHEETING	SF	\$15.00	12	\$ 180.00
819011	GALVANIZED TELESCOPING STEEL SIGN POSTS, 12' X 2", COMPLETE W/ BASEPOSTS AND HARDWARE	EACH	\$15.00	9	\$ 135.00
819018	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	EACH	\$110.00	76	\$ 8,360.00
905001	SILT FENCE	LF	\$3.50	1800	\$ 6,300.00
905005	INLET SEDIMENT CONTROL, CURB INLET	EACH	\$300.00	1	\$ 300.00
908004	TOPSOIL, 6" DEPTH	SY	\$15.00	771	\$ 11,565.00
908016	PERMANENT GRASS SEEDING, SUBDIVISION	SY	\$2.50	771	\$ 1,927.50
908020	EROSION CONTROL BLANKET MULCH	SY	\$3.50	771	\$ 2,698.50
Notes: Excludes property acquisition costs for right-of-way needs Excludes cost to remove/reset overhead utility pole guy wires/anchors					Project Contractor Subtotal \$ 466,264.00
					Utilities 0% \$ -
					Contingency 5% \$ 23,313.20
Total Engineer's Estimate Construction Estimate					\$ 489,577.20