



Vendor Ranking

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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Library Avenue**Call Order:** 005**Contract ID:** T201801501**Counties:** NEW CASTLE**Letting Date:** September 28, 2021**District(s):** N2**Project(s):****Federal Aid No:****Contract Time:** 390 CALENDAR DAYS

Contract Description: DELAWARE AVENUE SEPARATED BIKEWAY - ORCHARD ROAD TO LIBRARY AVENUE -
The improvements consist of furnishing all labor and materials for Delaware Ave. Separated Bikeway Project - Orchard Rd. to Library Ave. Improvements include constructing a two-way separated bikeway on Delaware Avenue from Orchard Road to Library Ave. Associated roadway construction will include but not limited to the pavement reconstruction of the College Ave. intersection, PCC pavement reconstruction between S. Chapel Street and Tyre Ave. PCC pavement removal and replaced with HMA between Tyre Ave and Library Avenue. New signal placement at the signalized intersections with the addition of separate bike signals. Sidewalk reconstruction and lighting improvements.

Set-Aside:**Vendor Ranking:** Contract was awarded on 10/19/21 to vendor GREGGO & FERRARA, INCORPORATED

Rank	Vendor ID/Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	GREGGO & FERRARA, INCORPORATED	\$7,659,070.59	100.00%	80.67%
2	MUMFORD & MILLER CONCRETE, INC.	\$7,772,338.95	101.48%	81.86%
3	A-DEL CONSTRUCTION COMPANY, INC.	\$8,419,417.88	109.93%	88.68%
4	DIAMOND MATERIALS LLC	\$9,278,334.29	121.14%	97.72%
0	Engineer's Estimate	\$9,494,379.75	123.96%	100.00%
5	JJID INC	\$9,566,213.31	124.90%	100.76%
6	ROAD-CON INC	\$9,570,036.55	124.95%	100.80%
7	RICHARD E PIERSON CONSTRUCTION COMPANY, INC.	\$9,621,748.14	125.63%	101.34%



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0010	201000	(1)	35,000.00000	35,000.00	30,000.00000	30,000.00	14,350.00000	14,350.00
CLEARING AND GRUBBING								
		LS						
0020	202000	4,575.000	25.00000	114,375.00	22.00000	100,650.00	19.40000	88,755.00
EXCAVATION AND EMBANKMENT								
		CY						
0030	202003	834.000	25.00000	20,850.00	33.00000	27,522.00	29.00000	24,186.00
UNDERCUT EXCAVATION								
		CY						
0040	207000	2,764.000	30.00000	82,920.00	21.00000	58,044.00	19.40000	53,621.60
STRUCTURAL EXCAVATION								
		CY						
0050	209005	1,262.000	25.00000	31,550.00	24.00000	30,288.00	28.25000	35,651.50
FURNISHING BORROW, TYPE C FOR PIPE AND UTILITY TRENCH BACKFILL								
		CY						
0060	209008	1,180.000	40.00000	47,200.00	30.00000	35,400.00	38.00000	44,840.00
BORROW, TYPE B								
		TON						
0070	209010	70.000	45.00000	3,150.00	23.00000	1,610.00	32.00000	2,240.00
BORROW, TYPE F								
		TON						
0080	211000	(1)	120,000.00000	120,000.00	44,000.00000	44,000.00	51,600.00000	51,600.00
REMOVAL OF STRUCTURES AND OBSTRUCTIONS								
		LS						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0090 211001	17,718.000		10.00000	177,180.00	11.00000	194,898.00	12.00000	212,616.00
REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB AND SIDEWALK		SY						
0100 301001	3,824.000		45.00000	172,080.00	35.00000	133,840.00	51.00000	195,024.00
GRADED AGGREGATE BASE COURSE, TYPE B		CY						
0110 301002	378.000		55.00000	20,790.00	58.00000	21,924.00	69.50000	26,271.00
GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING		CY						
0120 302002	37.000		75.00000	2,775.00	70.00000	2,590.00	79.00000	2,923.00
DELAWARE NO. 3 STONE		TON						
0130 401005	2,056.000		92.00000	189,152.00	83.00000	170,648.00	97.25000	199,946.00
SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)		TON						
0140 401014	812.000		110.00000	89,320.00	76.00000	61,712.00	92.00000	74,704.00
SUPERPAVE TYPE B, PG 64-22		TON						
0150 401021	1,602.000		120.00000	192,240.00	75.00000	120,150.00	89.25000	142,978.50
SUPERPAVE TYPE BCBC, PG 64-22		TON						



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			Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
Alt Set / Alt Member	Quantity and Units							
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0160	401029	96.000	180.00000	17,280.00	100.00000	9,600.00	160.50000	15,408.00
	SUPERPAVE TYPE C, PG 64-22, PATCHING	TON						
0170	401030	410.000	140.00000	57,400.00	97.00000	39,770.00	157.00000	64,370.00
	SUPERPAVE TYPE B, PG 64-22, PATCHING	TON						
0180	401031	474.000	160.00000	75,840.00	96.00000	45,504.00	157.00000	74,418.00
	SUPERPAVE TYPE BCBC, PG 64-22, PATCHING	TON						
0190	401037	2.000	150.00000	300.00	100.00000	200.00	192.00000	384.00
	SUPERPAVE TYPE B, PG 64-22, WEDGE	TON						
0200	501001	5,744.000	90.00000	516,960.00	95.00000	545,680.00	129.50000	743,848.00
	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY						
0210	501502	74,741.000	1.00000	74,741.00	1.10000	82,215.10	0.95000	71,003.95
	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT AND PRECAST PAVEMENT	SF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0220	501503	310.000	500.00000	155,000.00	450.00000	139,500.00	603.00000	186,930.00
	PRECAST CONCRETE PAVEMENT PANELS	SY						
0230	501505	2,255.000	150.00000	338,250.00	110.00000	248,050.00	132.00000	297,660.00
	PCC PAVEMENT, CLASS A	SY						
0240	504001	1,680.000	4.00000	6,720.00	6.00000	10,080.00	3.75000	6,300.00
	CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE	LF						
0250	601011	604.000	50.00000	30,200.00	67.00000	40,468.00	65.50000	39,562.00
	REINFORCED CONCRETE PIPE, 15", CLASS III	LF						
0260	601012	632.000	55.00000	34,760.00	71.00000	44,872.00	70.00000	44,240.00
	REINFORCED CONCRETE PIPE, 18", CLASS III	LF						
0270	601013	229.000	70.00000	16,030.00	81.00000	18,549.00	80.00000	18,320.00
	REINFORCED CONCRETE PIPE, 21", CLASS III	LF						
0280	601014	333.000	85.00000	28,305.00	87.00000	28,971.00	86.00000	28,638.00
	REINFORCED CONCRETE PIPE, 24", CLASS III	LF						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0290	601016	887.000	90.00000	79,830.00	130.00000	115,310.00	113.50000	100,674.50
	REINFORCED CONCRETE PIPE, 30", CLASS III	LF						
0300	601018	323.000	120.00000	38,760.00	150.00000	48,450.00	141.75000	45,785.25
	REINFORCED CONCRETE PIPE, 36", CLASS III	LF						
0310	602002	4.000	3,700.00000	14,800.00	3,900.00000	15,600.00	3,360.00000	13,440.00
	DRAINAGE INLET, 34" X 18"	EACH						
0320	602003	8.000	3,700.00000	29,600.00	4,000.00000	32,000.00	3,475.00000	27,800.00
	DRAINAGE INLET, 34" X 24"	EACH						
0330	602004	12.000	4,250.00000	51,000.00	4,700.00000	56,400.00	3,925.00000	47,100.00
	DRAINAGE INLET, 48" X 30"	EACH						
0340	602005	23.000	4,500.00000	103,500.00	5,100.00000	117,300.00	4,350.00000	100,050.00
	DRAINAGE INLET, 48" X 48"	EACH						
0350	602008	3.000	6,000.00000	18,000.00	7,500.00000	22,500.00	6,865.00000	20,595.00
	DRAINAGE INLET, 66" X 66"	EACH						
0360	602032	1.000	5,250.00000	5,250.00	6,500.00000	6,500.00	5,150.00000	5,150.00
	MANHOLE, 66" X 30"	EACH						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0370 602067	4.000		4,000.00000	16,000.00	3,700.00000	14,800.00	1,925.00000	7,700.00
CONVERTING DRAINAGE INLET TO JUNCTION BOX		EACH						
0380 602100	1.000		1,000.00000	1,000.00	320.00000	320.00	300.00000	300.00
REPLACE DRAINAGE INLET GRATE(S)		EACH						
0390 602130	29.000		1,200.00000	34,800.00	1,200.00000	34,800.00	915.00000	26,535.00
ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET		EACH						
0400 602132	15.000		1,200.00000	18,000.00	840.00000	12,600.00	725.00000	10,875.00
ADJUSTING AND REPAIRING EXISTING MANHOLE		EACH						
0410 602133	1.000		1,200.00000	1,200.00	320.00000	320.00	725.00000	725.00
REPAIRING EXISTING JUNCTION BOX		EACH						
0420 602502	4.000		1,600.00000	6,400.00	1,600.00000	6,400.00	1,925.00000	7,700.00
CONVERTING EXISTING CATCH BASIN TO MANHOLE		EACH						
0430 610019	12.000		1,300.00000	15,600.00	500.00000	6,000.00	1,400.00000	16,800.00
HIGH EARLY STRENGTH CONCRETE		CY						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0440	615515	1.000	3,000.00000	3,000.00	5,000.00000	5,000.00	8,250.00000	8,250.00
	RIDE SHELTER INSTALLATION	EACH						
0450	701010	667.000	35.00000	23,345.00	27.00000	18,009.00	31.00000	20,677.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-2	LF						
0460	701011	50.000	40.00000	2,000.00	37.00000	1,850.00	31.00000	1,550.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-4	LF						
0470	701012	4,652.000	15.00000	69,780.00	24.00000	111,648.00	31.00000	144,212.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-6	LF						
0480	701013	124.000	20.00000	2,480.00	31.00000	3,844.00	31.00000	3,844.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8	LF						
0490	701014	15.000	25.00000	375.00	48.00000	720.00	60.00000	900.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 2	LF						
0500	701021	122.000	25.00000	3,050.00	27.00000	3,294.00	33.50000	4,087.00
	INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-4	LF						



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Contract ID: T201801501

Counties: NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0510 701022	768.000		25.00000	19,200.00	24.00000	18,432.00	33.50000	25,728.00
INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-6		LF						
0520 701025	1,312.000		20.00000	26,240.00	27.00000	35,424.00	40.50000	53,136.00
PORTLAND CEMENT CONCRETE CURB TYPE 2 MODIFIED		LF						
0530 701026	2,358.000		20.00000	47,160.00	52.00000	122,616.00	39.50000	93,141.00
PORTLAND CEMENT CONCRETE MONOLITHIC MEDIAN		LF						
0540 702000	2,286.000		20.00000	45,720.00	37.00000	84,582.00	37.50000	85,725.00
TRIANGULAR CHANNELIZING ISLANDS		SF						
0550 705001	25,873.000		10.00000	258,730.00	13.00000	336,349.00	12.25000	316,944.25
PORTLAND CEMENT CONCRETE SIDEWALK, 4"		SF						
0560 705002	2,729.000		13.00000	35,477.00	15.00000	40,935.00	14.75000	40,252.75
PORTLAND CEMENT CONCRETE SIDEWALK, 6"		SF						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0570	705005	413.000	14.00000	5,782.00	19.00000	7,847.00	17.50000	7,227.50
	PORTLAND CEMENT CONCRETE SIDEWALK, 8"	SF						
0580	705007	1,092.000	25.00000	27,300.00	40.00000	43,680.00	44.50000	48,594.00
	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	SF						
0590	705008	435.000	22.00000	9,570.00	28.00000	12,180.00	32.50000	14,137.50
	PEDESTRIAN CONNECTION, TYPE 1	SF						
0600	705009	4,038.000	20.00000	80,760.00	28.00000	113,064.00	32.50000	131,235.00
	PEDESTRIAN CONNECTION, TYPE 2, 3, AND/OR 4	SF						
0610	705010	329.000	21.00000	6,909.00	28.00000	9,212.00	32.50000	10,692.50
	PEDESTRIAN CONNECTION, TYPE 5	SF						
0620	705504	4,170.000	20.00000	83,400.00	28.00000	116,760.00	32.00000	133,440.00
	BRICK AND/OR BLOCK SIDEWALK	SF						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0630	705505	2,466.000	17.00000	41,922.00	13.00000	32,058.00	27.00000	66,582.00
	RESET STONE/BRICK SIDEWALK AND/OR STONE/BRICK ROADWAY	SF						
0640	705511	5.000	1,000.00000	5,000.00	1,000.00000	5,000.00	1,000.00000	5,000.00
	BIKE RACKS	EACH						
0650	705521	215.000	75.00000	16,125.00	20.00000	4,300.00	25.00000	5,375.00
	PATTERNED PORTLAND CEMENT CONCRETE SIDEWALK, 8"	SF						
0660	705528	7.000	1,000.00000	7,000.00	320.00000	2,240.00	950.00000	6,650.00
	TEMPORARY PEDESTRIAN CONNECTION	EACH						
0670	706001	1.000	150.00000	150.00	270.00000	270.00	800.00000	800.00
	RELOCATE MONUMENT	EACH						
0680	708002	2,526.000	3.00000	7,578.00	3.40000	8,588.40	4.00000	10,104.00
	GEOTEXTILES, SEPARATION	SY						
0690	709001	4,293.000	17.00000	72,981.00	31.00000	133,083.00	19.00000	81,567.00
	PERFORATED PIPE UNDERDRAINS, 6"	LF						



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SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0700	709502	259.000	270.00000	69,930.00	240.00000	62,160.00	180.00000	46,620.00
	TRENCH DRAIN, 8" WIDE	LF						
0710	710002	46.000	400.00000	18,400.00	840.00000	38,640.00	450.00000	20,700.00
	ADJUST WATER VALVE BOXES	EACH						
0720	710003	1.000	2,500.00000	2,500.00	1,700.00000	1,700.00	1,650.00000	1,650.00
	ADJUST FIRE HYDRANTS	EACH						
0730	710503	9.000	650.00000	5,850.00	1,300.00000	11,700.00	450.00000	4,050.00
	ADJUST GAS VALVE BOXES	EACH						
0740	711500	27.000	2,300.00000	62,100.00	2,600.00000	70,200.00	725.00000	19,575.00
	ADJUST AND REPAIR EXISTING SANITARY MANHOLE	EACH						
0750	723003	413.000	225.00000	92,925.00	940.00000	388,220.00	192.50000	79,502.50
	PORTLAND CEMENT CONCRETE SAFETY BARRIER, PERMANENT, SINGLE FACE, 42"	LF						
0760	727030	14.000	50.00000	700.00	70.00000	980.00	115.00000	1,610.00
	FENCE RELOCATION	LF						



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SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0770 727031	4.000		250.00000	1,000.00	800.00000	3,200.00	1,075.00000	4,300.00
GATE RELOCATION		EACH						
0780 760010	22,075.000		1.75000	38,631.25	0.75000	16,556.25	1.75000	38,631.25
PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT		SYIN						
0790 760011	427.000		2.75000	1,174.25	2.40000	1,024.80	5.00000	2,135.00
PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT		SYIN						
0800 762000	6,285.000		2.00000	12,570.00	3.00000	18,855.00	1.70000	10,684.50
SAW CUTTING, BITUMINOUS CONCRETE		LF						
0810 762001	3,350.000		3.50000	11,725.00	5.00000	16,750.00	4.25000	14,237.50
SAW CUTTING, CONCRETE, FULL DEPTH		LF						
0820 763501	(1)		800,000.00000	800,000.00	95,000.00000	95,000.00	90,500.00000	90,500.00
CONSTRUCTION ENGINEERING		LS						
0830 763508	(1)		3,000.00000	3,000.00	8,400.00000	8,400.00	1,000.00000	1,000.00
PROJECT CONTROL SYSTEM DEVELOPMENT PLAN		LS						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0840	763509	14.000	300.00000	4,200.00	530.00000	7,420.00	100.00000	1,400.00
	CPM SCHEDULE UPDATES AND/OR REVISED UPDATES	EAMO						
0850	763598	14.000	4,000.00000	56,000.00	4,000.00000	56,000.00	5,075.00000	71,050.00
	FIELD OFFICE, SPECIAL I	EAMO						
0860	801000	(1)	1,200,000.00000	1,200,000.00	54,000.00000	54,000.00	136,000.00000	136,000.00
	MAINTENANCE OF TRAFFIC	LS						
0870	802003	1,983.000	45.00000	89,235.00	34.00000	67,422.00	17.00000	33,711.00
	ARROW PANELS TYPE C	EADY						
0880	803001	926.000	170.00000	157,420.00	48.00000	44,448.00	62.00000	57,412.00
	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	EADY						
0890	804001	420.000	225.00000	94,500.00	110.00000	46,200.00	39.50000	16,590.00
	FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)	EADY						
0900	805001	54,827.000	0.50000	27,413.50	0.27000	14,803.29	0.25000	13,706.75
	PLASTIC DRUMS	EADY						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0910	806001	540.000	75.00000	40,500.00	75.00000	40,500.00	75.00000	40,500.00
TRAFFIC OFFICERS		hour						
0920	808002	825.000	125.00000	103,125.00	140.00000	115,500.00	95.00000	78,375.00
FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II		EADY						
0930	811001	3,300.000	75.00000	247,500.00	66.00000	217,800.00	70.05000	231,165.00
FLAGGER, NEW CASTLE COUNTY STATE		hour						
0940	813500	178,873.000	0.75000	134,154.75	0.60000	107,323.80	0.15000	26,830.95
PEDESTRIAN CHANNELIZING BARRICADE SYSTEM		LFDY						
0950	817002	6,643.000	5.00000	33,215.00	3.90000	25,907.70	5.10000	33,879.30
PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC		SF						
0960	817005	170.000	7.00000	1,190.00	3.70000	629.00	1.10000	187.00
PERMANENT PAVEMENT STRIPING, ALKYD- THERMOPLASTIC, 5"		LF						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
0970 817006	3,450.000		5.50000	18,975.00	2.50000	8,625.00	2.35000	8,107.50
PERMANENT PAVEMENT STRIPING, ALKYD- THERMOPLASTIC, 12" LF								
0980 817012	2,526.000		5.50000	13,893.00	31.00000	78,306.00	28.20000	71,233.20
RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, SYMBOL/LEGEND SF								
0990 817013	47,225.000		0.50000	23,612.50	0.93000	43,919.25	0.55000	25,973.75
PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5" LF								
1000 817015	39.000		260.00000	10,140.00	340.00000	13,260.00	424.00000	16,536.00
PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL EACH								
1010 817018	2,695.000		2.00000	5,390.00	1.10000	2,964.50	0.45000	1,212.75
PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 3" LF								



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Channing Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1020	817019	660.000	2.00000	1,320.00	1.70000	1,122.00	0.55000	363.00
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 5"	LF						
1030	817020	1,711.000	6.00000	10,266.00	4.50000	7,699.50	4.50000	7,699.50
	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 5"	LF						
1040	817024	1,240.000	3.00000	3,720.00	2.00000	2,480.00	1.05000	1,302.00
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 9"	LF						
1050	817031	19,427.000	2.00000	38,854.00	2.00000	38,854.00	2.05000	39,825.35
	REMOVAL OF PAVEMENT STRIPING	SF						
1060	817500	12,200.000	15.00000	183,000.00	25.00000	305,000.00	28.20000	344,040.00
	PREFORMED THERMOPLASTIC DECORATIVE PAVEMENT SYSTEM	SF						
1070	817587	832.000	110.00000	91,520.00	92.00000	76,544.00	80.85000	67,267.20
	GREEN BICYCLE LANE PAVEMENT COATING	SY						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culinary Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1080	818001	2,505.000	16.00000	40,080.00	60.00000	150,300.00	12.00000	30,060.00
	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	SF						
1090	819004	77.000	100.00000	7,700.00	100.00000	7,700.00	245.00000	18,865.00
	GALVANIZED STEEL SIGN POST ONLY, 12' X 2"	EACH						
1100	819016	4.000	75.00000	300.00	210.00000	840.00	120.00000	480.00
	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	EACH						
1110	819018	329.000	100.00000	32,900.00	63.00000	20,727.00	120.00000	39,480.00
	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	EACH						
1120	819019	60.000	20.00000	1,200.00	15.00000	900.00	30.25000	1,815.00
	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	SF						
1130	823001	51.000	100.00000	5,100.00	21.00000	1,071.00	105.00000	5,355.00
	INSTALLATION OF SIGN ON SPAN WIRE OR MAST ARM	SF						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1140	825001	9.000	65.00000	585.00	110.00000	990.00	110.00000	990.00
TUBULAR MARKERS		EACH						
1150	830001	36.000	1,100.00000	39,600.00	1,200.00000	43,200.00	1,245.00000	44,820.00
CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE		EACH						
1160	830002	24.000	1,500.00000	36,000.00	1,500.00000	36,000.00	1,525.00000	36,600.00
CONDUIT JUNCTION WELL, TYPE 4, 20" X 42-1/2" PRECAST CONCRETE		EACH						
1170	830003	2.000	1,500.00000	3,000.00	1,200.00000	2,400.00	1,245.00000	2,490.00
CONDUIT JUNCTION WELL, TYPE 5, 24" X 16" PRECAST CONCRETE		EACH						
1180	830004	2.000	2,500.00000	5,000.00	2,700.00000	5,400.00	2,825.00000	5,650.00
CONDUIT JUNCTION WELL, TYPE 7, 36" X 60" PRECAST POLYMER CONCRETE		EACH						
1190	830008	2.000	450.00000	900.00	420.00000	840.00	450.00000	900.00
ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL		EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1200	830010	13.000	300.00000	3,900.00	270.00000	3,510.00	285.00000	3,705.00
	REMOVAL OF EXISTING JUNCTION WELL	EACH						
1210	831501	330.000	125.00000	41,250.00	100.00000	33,000.00	107.50000	35,475.00
	FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	LF						
1220	831502	20.000	100.00000	2,000.00	100.00000	2,000.00	107.50000	2,150.00
	FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	LF						
1230	831503	140.000	100.00000	14,000.00	100.00000	14,000.00	107.50000	15,050.00
	FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	LF						
1240	831504	385.000	100.00000	38,500.00	95.00000	36,575.00	101.75000	39,173.75
	FURNISH AND INSTALL 2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)	LF						
1250	831514	475.000	100.00000	47,500.00	20.00000	9,500.00	21.50000	10,212.50
	FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1260	831515	1,855.000	14.00000	25,970.00	22.00000	40,810.00	23.00000	42,665.00
	FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF						
1270	831516	1,497.000	14.00000	20,958.00	27.00000	40,419.00	28.25000	42,290.25
	FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF						
1280	831523	605.000	21.00000	12,705.00	28.00000	16,940.00	29.25000	17,696.25
	FURNISH AND INSTALL 2" GALVANIZED CONDUIT (TRENCH)	LF						
1290	831525	30.000	30.00000	900.00	32.00000	960.00	34.00000	1,020.00
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (TRENCH)	LF						
1300	831528	290.000	35.00000	10,150.00	42.00000	12,180.00	45.00000	13,050.00
	FURNISH AND INSTALL 2" GALVANIZED STEEL CONDUIT (BORE)	LF						
1310	831540	30.000	50.00000	1,500.00	35.00000	1,050.00	36.75000	1,102.50
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (ON STRUCTURE)	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1320	831544	575.000	28.00000	16,100.00	32.00000	18,400.00	34.00000	19,550.00
	FURNISH AND IN STALL 3" HDPE SDR-13.5 CONDUIT (BORE)	LF						
1330	831545	4,005.000	29.00000	116,145.00	35.00000	140,175.00	37.25000	149,186.25
	FURNISH AND INSTALL 4" HDPE SDR-13.5 CONDUIT (BORE)	LF						
1340	831574	275.000	6.00000	1,650.00	18.00000	4,950.00	19.25000	5,293.75
	FURNISH AND INSTALL SECOND AND SUBSEQUENT ADDITIONAL 4" SCHEDULE 80 PVC CONDUIT IN TRENCH OR OPEN CUT	LF						
1350	832008	180.000	3.00000	540.00	2.50000	450.00	2.60000	468.00
	FURNISH AND INSTALL 1- CONDUCTOR #6 STRANDED COPPER, TYPE USE-2	LF						
1360	832009	8,065.000	2.80000	22,582.00	2.00000	16,130.00	2.15000	17,339.75
	FURNISH AND INSTALL 1- CONDUCTOR #8 STRANDED COPPER, TYPE USE-2	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1370	832025	5,110.000	3.00000	15,330.00	2.70000	13,797.00	2.85000	14,563.50
	FURNISH AND INSTALL 4- CONDUCTOR #18 AWG SHIELDED OPTICOM CABLE	LF						
1380	832027	8,340.000	2.00000	16,680.00	2.10000	17,514.00	2.25000	18,765.00
	FURNISH AND INSTALL 1- CONDUCTOR #14 AWG SHIELDED CABLE	LF						
1390	832029	755.000	5.00000	3,775.00	4.80000	3,624.00	5.15000	3,888.25
	FURNISH AND INSTALL #8/2 WIRE UF W/GROUND	LF						
1400	832032	55.000	5.00000	275.00	2.70000	148.50	3.00000	165.00
	FURNISH AND INSTALL 14/4 TRAFFIC CONTROL CABLE	LF						
1410	832033	6,130.000	5.00000	30,650.00	3.40000	20,842.00	3.60000	22,068.00
	FURISH AND INSTALL 14/9 TRAFFIC CONTROL CABLE	LF						
1420	832034	2,055.000	5.00000	10,275.00	4.40000	9,042.00	4.60000	9,453.00
	FURISH AND INSTALL 14/16 TRAFFIC CONTROL CABLE	LF						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1430	832035	8,170.000	2.00000	16,340.00	1.20000	9,804.00	1.25000	10,212.50
	REMOVAL OF CABLE FROM CONDUIT OR TRAFFIC /LIGHTING POLE	LF						
1440	832504	1,090.000	2.50000	2,725.00	1.70000	1,853.00	1.75000	1,907.50
	FURNISH AND INSTALL #8 THHN STRANDED COPPER	LF						
1450	832505	5,365.000	2.50000	13,412.50	1.70000	9,120.50	1.80000	9,657.00
	FURNISH AND INSTALL #6 AWG SOLID COPPER WIRE	LF						
1460	832507	11,405.000	4.00000	45,620.00	2.80000	31,934.00	3.00000	34,215.00
	FURNISH AND INSTALL 14/5 TRAFFIC CONTROL CABLE	LF						
1470	834002	8.000	4,900.00000	39,200.00	3,900.00000	31,200.00	4,180.00000	33,440.00
	POLE BASE, TYPE 3A	EACH						
1480	834003	3.000	6,500.00000	19,500.00	5,000.00000	15,000.00	5,365.00000	16,095.00
	POLE BASE, TYPE 3B	EACH						
1490	834004	1.000	8,200.00000	8,200.00	7,900.00000	7,900.00	8,475.00000	8,475.00
	POLE BASE, TYPE 3C	EACH						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1500	834005	33.000	900.00000	29,700.00	740.00000	24,420.00	790.00000	26,070.00
	POLE BASE, TYPE 4A	EACH						
1510	834006	19.000	1,000.00000	19,000.00	950.00000	18,050.00	1,015.00000	19,285.00
	POLE BASE, TYPE 6	EACH						
1520	834511	8.000	940.00000	7,520.00	990.00000	7,920.00	1,065.00000	8,520.00
	POLE BASE, TYPE 4B	EACH						
1530	835002	1.000	1,500.00000	1,500.00	1,300.00000	1,300.00	1,355.00000	1,355.00
	CABINET BASE TYPE M	EACH						
1540	835003	5.000	1,200.00000	6,000.00	1,300.00000	6,500.00	1,355.00000	6,775.00
	CABINET BASE TYPE P	EACH						
1550	835500	1.000	4,000.00000	4,000.00	2,100.00000	2,100.00	2,260.00000	2,260.00
	FURNISH AND INSTALL ADDITIONAL DISCONNECT SWITCH	LF						
1560	836001	14.000	500.00000	7,000.00	480.00000	6,720.00	510.00000	7,140.00
	INSTALLATION OF STEEL POLE (EQUAL TO OR GREATER THAN 17 FEET AND LESS THAN 40 FEET)	EACH						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1570	836006	14.000	1,000.00000	14,000.00	53.00000	742.00	57.00000	798.00
REMOVE PEDESTAL POLE		EACH						
1580	836500	4.000	4,000.00000	16,000.00	3,200.00000	12,800.00	3,400.00000	13,600.00
INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE MAST ARM GREATER THAN 70'		EACH						
1590	836502	30.000	1,500.00000	45,000.00	1,100.00000	33,000.00	1,110.00000	33,300.00
FURNISH AND INSTALL PEDESTAL POLE		EACH						
1600	836503	11.000	500.00000	5,500.00	290.00000	3,190.00	310.00000	3,410.00
REMOVE STEEL POLE (EQUAL TO OR GREATER THAN 15' AND LESS THAN 40'		EACH						
1610	836504	9.000	2,100.00000	18,900.00	1,900.00000	17,100.00	1,975.00000	17,775.00
INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE OR TWIN MAST ARMS UP TO 60'		EACH						
1620	836506	13.000	1,400.00000	18,200.00	1,100.00000	14,300.00	1,090.00000	14,170.00
FURNISH 14' PEDESTAL POLE		EACH						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1630 837001	126.000		400.00000	50,400.00	280.00000	35,280.00	295.00000	37,170.00
FURNISH AND INSTALL 8" LED SIGNAL HEAD SECTION, RIGID MOUNT	EACH							
1640 837002	151.000		450.00000	67,950.00	360.00000	54,360.00	385.00000	58,135.00
FURNISH AND INSTALL 12" LED SIGNAL HEAD SECTION, RIGID MOUNT	EACH							
1650 837007	60.000		450.00000	27,000.00	290.00000	17,400.00	310.00000	18,600.00
FURNISH AND INSTALL SIGNAL HEAD BACKPLATE	EACH							
1660 837008	54.000		400.00000	21,600.00	660.00000	35,640.00	705.00000	38,070.00
FURNISH AND INSTALL 16" LED COUNTDOWN PEDESTRIAN SIGNAL	EACH							
1670 837010	59.000		300.00000	17,700.00	260.00000	15,340.00	270.00000	15,930.00
FURNISH AND INSTALL PEDESTRIAN PUSHBUTTON WITH SIGN	EACH							
1680 837011	24.000		300.00000	7,200.00	140.00000	3,360.00	140.00000	3,360.00
REALIGN OR SLIDE EXISTING SIGNAL HEAD	EACH							



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1690	837500	32.000	150.00000	4,800.00	48.00000	1,536.00	51.00000	1,632.00
	REMOVAL OF SIGNAL OR PEDESTRIAN HEAD FROM POLE OR PEDESTAL	EACH						
1700	837503	40.000	300.00000	12,000.00	160.00000	6,400.00	170.00000	6,800.00
	FURNISH 8" LED SIGNAL HEAD SECTION	EACH						
1710	838009	1,690.000	5.00000	8,450.00	1.60000	2,704.00	1.70000	2,873.00
	REMOVAL OF MESSENGER WIRE, CABLE AND HARDWARE	LF						
1720	838500	10.000	300.00000	3,000.00	160.00000	1,600.00	170.00000	1,700.00
	REMOVAL OF SPAN WIRE ATTACHMENT	EACH						
1730	838503	1,475.000	5.50000	8,112.50	1.40000	2,065.00	1.50000	2,212.50
	REMOVAL OF CABLE FROM MESSENGER WIRE	LF						
1740	838504	40.000	250.00000	10,000.00	42.00000	1,680.00	45.00000	1,800.00
	REMOVAL OF SIGNAL HEAD OR OPTICOM DETECTOR FROM SPAN WIRE OR MAST ARM	EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1750 839003	1.000		600.00000	600.00	320.00000	320.00	340.00000	340.00
REMOVAL OF WOOD POLE		EACH						
1760 842501	6.000		3,200.00000	19,200.00	2,700.00000	16,200.00	2,825.00000	16,950.00
FURNISH AND INSTALL ELECTRIC UTILITY SERVICE EQUIPMENT 120/240 (100 AMP)		EACH						
1770 844001	22.000		1,000.00000	22,000.00	950.00000	20,900.00	1,015.00000	22,330.00
FURNISH AND INSTALL OPTICOM EMERGENCY PREEMPTION DETECTOR		EACH						
1780 844521	7.000		675.00000	4,725.00	530.00000	3,710.00	565.00000	3,955.00
INSTALL VIDEO DETECTION DEVICE		EACH						
1790 846001	1,090.000		25.00000	27,250.00	15.00000	16,350.00	16.00000	17,440.00
FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT		LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1800	846002	95.000	25.00000	2,375.00	16.00000	1,520.00	17.00000	1,615.00
FURNISH AND INSTALL A 1-1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE		LF						
1810	847001	2.000	1,000.00000	2,000.00	240.00000	480.00	255.00000	510.00
INSTALL OR REMOVAL OF POLE OR POST MOUNTED CABINET		EACH						
1820	847002	11.000	1,000.00000	11,000.00	320.00000	3,520.00	340.00000	3,740.00
INSTALL OR REMOVAL OF BASE OR PAD MOUNTED CABINET		EACH						
1830	847005	2.000	5,000.00000	10,000.00	9,000.00000	18,000.00	9,605.00000	19,210.00
LIGHTING CONTROL CABINET - 60A		EACH						
1840	850520	11.000	560.00000	6,160.00	530.00000	5,830.00	565.00000	6,215.00
LUMINAIRE (LED), 150 WATTS, HPS EQUIVALENT		EACH						
1850	850521	7.000	650.00000	4,550.00	630.00000	4,410.00	675.00000	4,725.00
LUMINAIRE (LED), 250 WATTS, HPS EQUIVALENT		EACH						



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Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1860 850533	8.000		2,000.00000	16,000.00	4,500.00000	36,000.00	4,805.00000	38,440.00
DECORATIVE LIGHT STANDARD AND FIXTURE, LED, SINGLE	EACH							
1870 851001	7.000		850.00000	5,950.00	3,200.00000	22,400.00	3,405.00000	23,835.00
ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 30' POLE	EACH							
1880 905001	3,082.000		3.00000	9,246.00	10.00000	30,820.00	3.00000	9,246.00
SILT FENCE	LF							
1890 905004	1.000		240.00000	240.00	240.00000	240.00	125.00000	125.00
INLET SEDIMENT CONTROL, DRAINAGE INLET	EACH							
1900 905005	60.000		250.00000	15,000.00	240.00000	14,400.00	125.00000	7,500.00
INLET SEDIMENT CONTROL, CURB INLET	EACH							
1910 908004	3,160.000		6.50000	20,540.00	5.90000	18,644.00	9.25000	29,230.00
TOPSOIL, 6" DEPTH	SY							
1920 908014	3,160.000		0.90000	2,844.00	2.00000	6,320.00	1.50000	4,740.00
PERMANENT GRASS SEEDING, DRY GROUND	SY							



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			Engineer's Estimate		(1) GREGGO & FERRARA, INCORPORATED		(2) MUMFORD & MILLER CONCRETE, INC.	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY			Cat Alt Set:		Cat Alt Member:		LCC:	
1930	908017	6,320.000	0.35000	2,212.00	1.00000	6,320.00	1.00000	6,320.00
	TEMPORARY GRASS SEEDING	SY						
1940	908023	168.000	30.00000	5,040.00	26.00000	4,368.00	26.00000	4,368.00
	STABILIZED CONSTRUCTION ENTRANCE	SY						
1950	908024	20.000	75.00000	1,500.00	75.00000	1,500.00	45.00000	900.00
	STABILIZED CONSTRUCTION ENTRANCE, TOPDRESSING	TON						
1960	763000	(1)	300,000.00000	300,000.00	50,000.00000	50,000.00	200,000.00000	200,000.00
	INITIAL EXPENSE/DE-MOBILIZATION	LS						
1980	810001	26,042.000	3.25000	84,636.50	1.50000	39,063.00	1.70000	44,271.40
	TEMPORARY WARNING SIGNS AND PLAQUES	EADY						
1990	813001	42,150.000	0.60000	25,290.00	0.52000	21,918.00	0.15000	6,322.50
	TEMPORARY BARRICADES, TYPE III	LFDY						
Section Totals:				\$9,494,379.75		\$7,659,070.59		\$7,772,338.95
Life Cycle Costs:								
Section Total with LCC:				\$9,494,379.75		\$7,659,070.59		\$7,772,338.95



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Contract Title:	Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue		Contract ID:	T201801501	Counties:	NEW CASTLE
Contract Item Totals	\$9,494,379.75		\$7,659,070.59		\$7,772,338.95	
Contract Time Totals	\$0.00					
Contract Life Cycle Costs Totals	\$0.00		\$0.00		\$0.00	
Contract Grand Totals	\$9,494,379.75		\$7,659,070.59		7,772,338.95	

() indicates item is bid as Lump Sum



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0010	201000	(1)	20,000.00000	20,000.00	20,000.00000	20,000.00	43,400.00000	43,400.00
CLEARING AND GRUBBING			LS					
0020	202000	4,575.000	25.00000	114,375.00	45.00000	205,875.00	50.30000	230,122.50
EXCAVATION AND EMBANKMENT			CY					
0030	202003	834.000	37.50000	31,275.00	67.50000	56,295.00	54.00000	45,036.00
UNDERCUT EXCAVATION			CY					
0040	207000	2,764.000	35.50000	98,122.00	0.20000	552.80	28.60000	79,050.40
STRUCTURAL EXCAVATION			CY					
0050	209005	1,262.000	60.50000	76,351.00	35.00000	44,170.00	30.00000	37,860.00
FURNISHING BORROW, TYPE C FOR PIPE AND UTILITY TRENCH BACKFILL			CY					
0060	209008	1,180.000	31.50000	37,170.00	20.00000	23,600.00	40.00000	47,200.00
BORROW, TYPE B			TON					
0070	209010	70.000	48.50000	3,395.00	2.00000	140.00	36.00000	2,520.00
BORROW, TYPE F			TON					
0080	211000	(1)	75,000.00000	75,000.00	120,000.00000	120,000.00	92,000.00000	92,000.00
REMOVAL OF STRUCTURES AND OBSTRUCTIONS			LS					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0090	211001	17,718.000	18.50000	327,783.00	16.50000	292,347.00	10.50000	186,039.00
REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB AND SIDEWALK		SY						
0100	301001	3,824.000	62.00000	237,088.00	35.00000	133,840.00	85.50000	326,952.00
GRADED AGGREGATE BASE COURSE, TYPE B		CY						
0110	301002	378.000	95.00000	35,910.00	125.00000	47,250.00	127.00000	48,006.00
GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING		CY						
0120	302002	37.000	50.00000	1,850.00	30.00000	1,110.00	97.00000	3,589.00
DELAWARE NO. 3 STONE		TON						
0130	401005	2,056.000	94.70000	194,703.20	128.50000	264,196.00	99.00000	203,544.00
SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)		TON						
0140	401014	812.000	84.00000	68,208.00	90.00000	73,080.00	99.00000	80,388.00
SUPERPAVE TYPE B, PG 64-22		TON						
0150	401021	1,602.000	77.00000	123,354.00	86.00000	137,772.00	99.00000	158,598.00
SUPERPAVE TYPE BCBC, PG 64-22		TON						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0160	401029	96.000	199.00000	19,104.00	155.00000	14,880.00	220.00000	21,120.00
	SUPERPAVE TYPE C, PG 64-22, PATCHING	TON						
0170	401030	410.000	128.00000	52,480.00	142.50000	58,425.00	199.00000	81,590.00
	SUPERPAVE TYPE B, PG 64-22, PATCHING	TON						
0180	401031	474.000	105.00000	49,770.00	130.00000	61,620.00	199.00000	94,326.00
	SUPERPAVE TYPE BCBC, PG 64-22, PATCHING	TON						
0190	401037	2.000	500.00000	1,000.00	1,100.00000	2,200.00	200.00000	400.00
	SUPERPAVE TYPE B, PG 64-22, WEDGE	TON						
0200	501001	5,744.000	123.50000	709,384.00	147.50000	847,240.00	131.00000	752,464.00
	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY						
0210	501502	74,741.000	1.05000	78,478.05	0.82000	61,287.62	0.82000	61,287.62
	DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT AND PRECAST PAVEMENT	SF						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0220	501503	310.000	470.00000	145,700.00	725.00000	224,750.00	600.00000	186,000.00
PRECAST CONCRETE PAVEMENT PANELS		SY						
0230	501505	2,255.000	150.00000	338,250.00	147.50000	332,612.50	146.00000	329,230.00
PCC PAVEMENT, CLASS A		SY						
0240	504001	1,680.000	3.35000	5,628.00	2.25000	3,780.00	4.00000	6,720.00
CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE		LF						
0250	601011	604.000	69.00000	41,676.00	120.00000	72,480.00	86.00000	51,944.00
REINFORCED CONCRETE PIPE, 15", CLASS III		LF						
0260	601012	632.000	89.00000	56,248.00	135.00000	85,320.00	91.00000	57,512.00
REINFORCED CONCRETE PIPE, 18", CLASS III		LF						
0270	601013	229.000	70.00000	16,030.00	50.00000	11,450.00	102.00000	23,358.00
REINFORCED CONCRETE PIPE, 21", CLASS III		LF						
0280	601014	333.000	76.00000	25,308.00	170.00000	56,610.00	130.00000	43,290.00
REINFORCED CONCRETE PIPE, 24", CLASS III		LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Linn's Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0290	601016	887.000	104.00000	92,248.00	160.00000	141,920.00	187.00000	165,869.00
REINFORCED CONCRETE PIPE, 30", CLASS III		LF						
0300	601018	323.000	128.00000	41,344.00	220.00000	71,060.00	246.00000	79,458.00
REINFORCED CONCRETE PIPE, 36", CLASS III		LF						
0310	602002	4.000	3,500.00000	14,000.00	4,200.00000	16,800.00	3,800.00000	15,200.00
DRAINAGE INLET, 34" X 18"		EACH						
0320	602003	8.000	3,600.00000	28,800.00	4,400.00000	35,200.00	4,200.00000	33,600.00
DRAINAGE INLET, 34" X 24"		EACH						
0330	602004	12.000	3,800.00000	45,600.00	5,400.00000	64,800.00	4,400.00000	52,800.00
DRAINAGE INLET, 48" X 30"		EACH						
0340	602005	23.000	5,100.00000	117,300.00	5,600.00000	128,800.00	6,700.00000	154,100.00
DRAINAGE INLET, 48" X 48"		EACH						
0350	602008	3.000	8,900.00000	26,700.00	9,200.00000	27,600.00	6,800.00000	20,400.00
DRAINAGE INLET, 66" X 66"		EACH						
0360	602032	1.000	7,950.00000	7,950.00	6,000.00000	6,000.00	5,500.00000	5,500.00
MANHOLE, 66" X 30"		EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0370	602067	4.000	1,600.00000	6,400.00	1,200.00000	4,800.00	3,400.00000	13,600.00
	CONVERTING DRAINAGE INLET TO JUNCTION BOX	EACH						
0380	602100	1.000	350.00000	350.00	1,000.00000	1,000.00	470.00000	470.00
	REPLACE DRAINAGE INLET GRATE(S)	EACH						
0390	602130	29.000	1,180.00000	34,220.00	1,000.00000	29,000.00	1,060.00000	30,740.00
	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	EACH						
0400	602132	15.000	1,100.00000	16,500.00	1,000.00000	15,000.00	1,100.00000	16,500.00
	ADJUSTING AND REPAIRING EXISTING MANHOLE	EACH						
0410	602133	1.000	325.00000	325.00	1,000.00000	1,000.00	1,800.00000	1,800.00
	REPAIRING EXISTING JUNCTION BOX	EACH						
0420	602502	4.000	3,600.00000	14,400.00	1,000.00000	4,000.00	3,300.00000	13,200.00
	CONVERTING EXISTING CATCH BASIN TO MANHOLE	EACH						
0430	610019	12.000	400.00000	4,800.00	1,400.00000	16,800.00	1,120.00000	13,440.00
	HIGH EARLY STRENGTH CONCRETE	CY						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0440	615515	1.000	2,500.00000	2,500.00	9,000.00000	9,000.00	8,500.00000	8,500.00
	RIDE SHELTER INSTALLATION	EACH						
0450	701010	667.000	41.00000	27,347.00	24.00000	16,008.00	49.00000	32,683.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-2	LF						
0460	701011	50.000	42.00000	2,100.00	36.00000	1,800.00	49.00000	2,450.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-4	LF						
0470	701012	4,652.000	26.00000	120,952.00	24.00000	111,648.00	51.00000	237,252.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-6	LF						
0480	701013	124.000	44.00000	5,456.00	34.00000	4,216.00	52.00000	6,448.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8	LF						
0490	701014	15.000	60.00000	900.00	73.00000	1,095.00	61.00000	915.00
	PORTLAND CEMENT CONCRETE CURB, TYPE 2	LF						
0500	701021	122.000	53.00000	6,466.00	33.00000	4,026.00	60.00000	7,320.00
	INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-4	LF						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0510	701022	768.000	52.50000	40,320.00	31.00000	23,808.00	60.00000	46,080.00
INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-6		LF						
0520	701025	1,312.000	32.00000	41,984.00	44.00000	57,728.00	54.00000	70,848.00
PORTLAND CEMENT CONCRETE CURB TYPE 2 MODIFIED		LF						
0530	701026	2,358.000	36.00000	84,888.00	39.00000	91,962.00	67.00000	157,986.00
PORTLAND CEMENT CONCRETE MONOLITHIC MEDIAN		LF						
0540	702000	2,286.000	39.00000	89,154.00	29.00000	66,294.00	36.00000	82,296.00
TRIANGULAR CHANNELIZING ISLANDS		SF						
0550	705001	25,873.000	12.50000	323,412.50	6.00000	155,238.00	18.75000	485,118.75
PORTLAND CEMENT CONCRETE SIDEWALK, 4"		SF						
0560	705002	2,729.000	14.00000	38,206.00	14.00000	38,206.00	19.80000	54,034.20
PORTLAND CEMENT CONCRETE SIDEWALK, 6"		SF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0570	705005	413.000	17.00000	7,021.00	16.00000	6,608.00	25.00000	10,325.00
	PORTLAND CEMENT CONCRETE SIDEWALK, 8"	SF						
0580	705007	1,092.000	37.50000	40,950.00	30.00000	32,760.00	36.00000	39,312.00
	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	SF						
0590	705008	435.000	30.00000	13,050.00	23.00000	10,005.00	35.00000	15,225.00
	PEDESTRIAN CONNECTION, TYPE 1	SF						
0600	705009	4,038.000	28.00000	113,064.00	23.00000	92,874.00	35.00000	141,330.00
	PEDESTRIAN CONNECTION, TYPE 2, 3, AND/OR 4	SF						
0610	705010	329.000	47.00000	15,463.00	23.00000	7,567.00	35.00000	11,515.00
	PEDESTRIAN CONNECTION, TYPE 5	SF						
0620	705504	4,170.000	32.00000	133,440.00	29.00000	120,930.00	36.50000	152,205.00
	BRICK AND/OR BLOCK SIDEWALK	SF						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0630	705505	2,466.000	29.00000	71,514.00	18.00000	44,388.00	22.70000	55,978.20
RESET STONE/BRICK SIDEWALK AND/OR STONE/BRICK ROADWAY		SF						
0640	705511	5.000	1,330.00000	6,650.00	850.00000	4,250.00	1,100.00000	5,500.00
BIKE RACKS		EACH						
0650	705521	215.000	26.00000	5,590.00	40.00000	8,600.00	43.00000	9,245.00
PATTERNED PORTLAND CEMENT CONCRETE SIDEWALK, 8"		SF						
0660	705528	7.000	1,150.00000	8,050.00	1,000.00000	7,000.00	3,700.00000	25,900.00
TEMPORARY PEDESTRIAN CONNECTION		EACH						
0670	706001	1.000	315.00000	315.00	1,000.00000	1,000.00	207.00000	207.00
RELOCATE MONUMENT		EACH						
0680	708002	2,526.000	2.50000	6,315.00	6.00000	15,156.00	4.30000	10,861.80
GEOTEXTILES, SEPARATION		SY						
0690	709001	4,293.000	19.45000	83,498.85	23.00000	98,739.00	19.00000	81,567.00
PERFORATED PIPE UNDERDRAINS, 6"		LF						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0700	709502	259.000	161.50000	41,828.50	250.00000	64,750.00	172.00000	44,548.00
	TRENCH DRAIN, 8" WIDE	LF						
0710	710002	46.000	560.00000	25,760.00	500.00000	23,000.00	740.00000	34,040.00
	ADJUST WATER VALVE BOXES	EACH						
0720	710003	1.000	2,200.00000	2,200.00	3,500.00000	3,500.00	2,100.00000	2,100.00
	ADJUST FIRE HYDRANTS	EACH						
0730	710503	9.000	560.00000	5,040.00	500.00000	4,500.00	740.00000	6,660.00
	ADJUST GAS VALVE BOXES	EACH						
0740	711500	27.000	1,450.00000	39,150.00	2,500.00000	67,500.00	1,200.00000	32,400.00
	ADJUST AND REPAIR EXISTING SANITARY MANHOLE	EACH						
0750	723003	413.000	300.00000	123,900.00	325.00000	134,225.00	620.00000	256,060.00
	PORTLAND CEMENT CONCRETE SAFETY BARRIER, PERMANENT, SINGLE FACE, 42"	LF						
0760	727030	14.000	75.00000	1,050.00	130.00000	1,820.00	140.00000	1,960.00
	FENCE RELOCATION	LF						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0770	727031	4.000	700.00000	2,800.00	2,250.00000	9,000.00	2,100.00000	8,400.00
	GATE RELOCATION	EACH						
0780	760010	22,075.000	1.65000	36,423.75	2.10000	46,357.50	1.10000	24,282.50
	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT	SYIN						
0790	760011	427.000	5.00000	2,135.00	8.00000	3,416.00	1.40000	597.80
	PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT	SYIN						
0800	762000	6,285.000	1.20000	7,542.00	2.00000	12,570.00	1.70000	10,684.50
	SAW CUTTING, BITUMINOUS CONCRETE	LF						
0810	762001	3,350.000	2.60000	8,710.00	5.00000	16,750.00	3.40000	11,390.00
	SAW CUTTING, CONCRETE, FULL DEPTH	LF						
0820	763501	(1)	60,000.00000	60,000.00	250,000.00000	250,000.00	35,000.00000	35,000.00
	CONSTRUCTION ENGINEERING	LS						
0830	763508	(1)	15,500.00000	15,500.00	5,000.00000	5,000.00	3,600.00000	3,600.00
	PROJECT CONTROL SYSTEM DEVELOPMENT PLAN	LS						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0840	763509	14.000	900.00000	12,600.00	600.00000	8,400.00	360.00000	5,040.00
CPM SCHEDULE UPDATES AND/OR REVISED UPDATES		EAMO						
0850	763598	14.000	6,000.00000	84,000.00	6,500.00000	91,000.00	2,800.00000	39,200.00
FIELD OFFICE, SPECIAL I		EAMO						
0860	801000	(1)	275,000.00000	275,000.00	499,968.86000	499,968.86	170,000.00000	170,000.00
MAINTENANCE OF TRAFFIC		LS						
0870	802003	1,983.000	38.00000	75,354.00	20.00000	39,660.00	20.00000	39,660.00
ARROW PANELS TYPE C		EADY						
0880	803001	926.000	69.00000	63,894.00	75.00000	69,450.00	77.00000	71,302.00
FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN		EADY						
0890	804001	420.000	100.00000	42,000.00	30.00000	12,600.00	60.00000	25,200.00
FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)		EADY						
0900	805001	54,827.000	0.42000	23,027.34	0.50000	27,413.50	0.75000	41,120.25
PLASTIC DRUMS		EADY						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0910	806001	540.000	75.00000	40,500.00	75.00000	40,500.00	75.00000	40,500.00
TRAFFIC OFFICERS		hour						
0920	808002	825.000	100.00000	82,500.00	65.00000	53,625.00	24.00000	19,800.00
FURNISH AND MAINTAIN		EADY						
TRUCK MOUNTED								
ATTENUATOR, TYPE II								
0930	811001	3,300.000	71.00000	234,300.00	140.07000	462,231.00	77.30000	255,090.00
FLAGGER, NEW CASTLE		hour						
COUNTY STATE								
0940	813500	178,873.000	0.33000	59,028.09	0.35000	62,605.55	0.33000	59,028.09
PEDESTRIAN CHANNELIZING		LFDY						
BARRICADE SYSTEM								
0950	817002	6,643.000	3.90000	25,907.70	4.00000	26,572.00	5.00000	33,215.00
PERMANENT PAVEMENT		SF						
STRIPING, SYMBOL/LEGEND,								
ALKYD-THERMOPLASTIC								
0960	817005	170.000	3.70000	629.00	3.50000	595.00	1.05000	178.50
PERMANENT PAVEMENT		LF						
STRIPING, ALKYD-								
THERMOPLASTIC, 5"								



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
0970	817006	3,450.000	2.50000	8,625.00	2.50000	8,625.00	2.30000	7,935.00
	PERMANENT PAVEMENT STRIPING, ALKYD- THERMOPLASTIC, 12"	LF						
0980	817012	2,526.000	30.30000	76,537.80	31.50000	79,569.00	28.00000	70,728.00
	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, SYMBOL/LEGEND	SF						
0990	817013	47,225.000	0.94000	44,391.50	1.00000	47,225.00	0.53000	25,029.25
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	LF						
1000	817015	39.000	340.00000	13,260.00	340.00000	13,260.00	410.00000	15,990.00
	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL	EACH						
1010	817018	2,695.000	1.10000	2,964.50	1.00000	2,695.00	0.44000	1,185.80
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 3"	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1020	817019	660.000	1.70000	1,122.00	1.60000	1,056.00	0.54000	356.40
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 5"	LF						
1030	817020	1,711.000	4.45000	7,613.95	4.50000	7,699.50	4.40000	7,528.40
	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 5"	LF						
1040	817024	1,240.000	2.00000	2,480.00	2.00000	2,480.00	1.00000	1,240.00
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 9"	LF						
1050	817031	19,427.000	2.00000	38,854.00	2.00000	38,854.00	2.00000	38,854.00
	REMOVAL OF PAVEMENT STRIPING	SF						
1060	817500	12,200.000	25.75000	314,150.00	24.00000	292,800.00	27.60000	336,720.00
	PREFORMED THERMOPLASTIC DECORATIVE PAVEMENT SYSTEM	SF						
1070	817587	832.000	74.80000	62,233.60	88.00000	73,216.00	79.00000	65,728.00
	GREEN BICYCLE LANE PAVEMENT COATING	SY						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Lilling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1080	818001	2,505.000	16.80000	42,084.00	21.00000	52,605.00	42.00000	105,210.00
	SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING	SF						
1090	819004	77.000	125.00000	9,625.00	140.00000	10,780.00	165.00000	12,705.00
	GALVANIZED STEEL SIGN POST ONLY, 12' X 2"	EACH						
1100	819016	4.000	210.00000	840.00	150.00000	600.00	165.00000	660.00
	INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH	EACH						
1110	819018	329.000	72.00000	23,688.00	60.00000	19,740.00	105.00000	34,545.00
	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST	EACH						
1120	819019	60.000	10.00000	600.00	15.00000	900.00	15.00000	900.00
	INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS	SF						
1130	823001	51.000	21.15000	1,078.65	20.00000	1,020.00	39.00000	1,989.00
	INSTALLATION OF SIGN ON SPAN WIRE OR MAST ARM	SF						



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Line No / Item ID Item Description		(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units	Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION: 0001 ROADWAY		Cat Alt Set:		Cat Alt Member:		LCC:	
1140 825001	9.000	85.00000	765.00	180.00000	1,620.00	105.00000	945.00
TUBULAR MARKERS	EACH						
1150 830001	36.000	1,160.00000	41,760.00	1,100.00000	39,600.00	1,465.00000	52,740.00
CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE	EACH						
1160 830002	24.000	1,425.00000	34,200.00	1,400.00000	33,600.00	2,425.00000	58,200.00
CONDUIT JUNCTION WELL, TYPE 4, 20" X 42-1/2" PRECAST CONCRETE	EACH						
1170 830003	2.000	1,160.00000	2,320.00	1,100.00000	2,200.00	1,380.00000	2,760.00
CONDUIT JUNCTION WELL, TYPE 5, 24" X 16" PRECAST CONCRETE	EACH						
1180 830004	2.000	2,640.00000	5,280.00	2,500.00000	5,000.00	2,900.00000	5,800.00
CONDUIT JUNCTION WELL, TYPE 7, 36" X 60" PRECAST POLYMER CONCRETE	EACH						
1190 830008	2.000	400.00000	800.00	400.00000	800.00	450.00000	900.00
ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL	EACH						



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Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1200	830010	13.000	260.00000	3,380.00	250.00000	3,250.00	520.00000	6,760.00
REMOVAL OF EXISTING JUNCTION WELL		EACH						
1210	831501	330.000	98.00000	32,340.00	100.00000	33,000.00	95.00000	31,350.00
FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF						
1220	831502	20.000	98.00000	1,960.00	100.00000	2,000.00	130.00000	2,600.00
FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF						
1230	831503	140.000	98.00000	13,720.00	100.00000	14,000.00	82.00000	11,480.00
FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF						
1240	831504	385.000	94.00000	36,190.00	100.00000	38,500.00	84.00000	32,340.00
FURNISH AND INSTALL 2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF						
1250	831514	475.000	20.00000	9,500.00	20.00000	9,500.00	18.60000	8,835.00
FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (TRENCH)		LF						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1260	831515	1,855.000	21.00000	38,955.00	22.00000	40,810.00	21.80000	40,439.00
	FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF						
1270	831516	1,497.000	26.00000	38,922.00	25.00000	37,425.00	26.50000	39,670.50
	FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (TRENCH)	LF						
1280	831523	605.000	27.00000	16,335.00	28.00000	16,940.00	25.70000	15,548.50
	FURNISH AND INSTALL 2" GALVANIZED CONDUIT (TRENCH)	LF						
1290	831525	30.000	31.00000	930.00	50.00000	1,500.00	52.00000	1,560.00
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (TRENCH)	LF						
1300	831528	290.000	42.00000	12,180.00	43.00000	12,470.00	49.70000	14,413.00
	FURNISH AND INSTALL 2" GALVANIZED STEEL CONDUIT (BORE)	LF						
1310	831540	30.000	34.00000	1,020.00	35.00000	1,050.00	60.70000	1,821.00
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (ON STRUCTURE)	LF						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1320	831544	575.000	31.00000	17,825.00	32.00000	18,400.00	32.30000	18,572.50
	FURNISH AND IN STALL 3" HDPE SDR-13.5 CONDUIT (BORE)	LF						
1330	831545	4,005.000	34.00000	136,170.00	35.00000	140,175.00	34.80000	139,374.00
	FURNISH AND INSTALL 4" HDPE SDR-13.5 CONDUIT (BORE)	LF						
1340	831574	275.000	17.00000	4,675.00	17.00000	4,675.00	20.40000	5,610.00
	FURNISH AND INSTALL SECOND AND SUBSEQUENT ADDITIONAL 4" SCHEDULE 80 PVC CONDUIT IN TRENCH OR OPEN CUT	LF						
1350	832008	180.000	2.35000	423.00	2.50000	450.00	4.40000	792.00
	FURNISH AND INSTALL 1- CONDUCTOR #6 STRANDED COPPER, TYPE USE-2	LF						
1360	832009	8,065.000	1.95000	15,726.75	2.00000	16,130.00	3.30000	26,614.50
	FURNISH AND INSTALL 1- CONDUCTOR #8 STRANDED COPPER, TYPE USE-2	LF						



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1370	832025	5,110.000	2.55000	13,030.50	2.50000	12,775.00	3.60000	18,396.00
	FURNISH AND INSTALL 4- CONDUCTOR #18 AWG SHIELDED OPTICOM CABLE	LF						
1380	832027	8,340.000	2.05000	17,097.00	2.00000	16,680.00	1.40000	11,676.00
	FURNISH AND INSTALL 1- CONDUCTOR #14 AWG SHIELDED CABLE	LF						
1390	832029	755.000	4.60000	3,473.00	5.00000	3,775.00	6.10000	4,605.50
	FURNISH AND INSTALL #8/2 WIRE UF W/GROUND	LF						
1400	832032	55.000	2.65000	145.75	2.50000	137.50	4.40000	242.00
	FURNISH AND INSTALL 14/4 TRAFFIC CONTROL CABLE	LF						
1410	832033	6,130.000	3.30000	20,229.00	3.50000	21,455.00	4.10000	25,133.00
	FURISH AND INSTALL 14/9 TRAFFIC CONTROL CABLE	LF						
1420	832034	2,055.000	4.25000	8,733.75	4.25000	8,733.75	5.50000	11,302.50
	FURISH AND INSTALL 14/16 TRAFFIC CONTROL CABLE	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1430	832035	8,170.000	1.15000	9,395.50	1.20000	9,804.00	2.20000	17,974.00
	REMOVAL OF CABLE FROM CONDUIT OR TRAFFIC /LIGHTING POLE	LF						
1440	832504	1,090.000	1.60000	1,744.00	1.70000	1,853.00	3.30000	3,597.00
	FURNISH AND INSTALL #8 THHN STRANDED COPPER	LF						
1450	832505	5,365.000	1.65000	8,852.25	1.70000	9,120.50	3.30000	17,704.50
	FURNISH AND INSTALL #6 AWG SOLID COPPER WIRE	LF						
1460	832507	11,405.000	2.70000	30,793.50	2.75000	31,363.75	3.05000	34,785.25
	FURNISH AND INSTALL 14/5 TRAFFIC CONTROL CABLE	LF						
1470	834002	8.000	3,800.00000	30,400.00	4,000.00000	32,000.00	5,600.00000	44,800.00
	POLE BASE, TYPE 3A	EACH						
1480	834003	3.000	5,000.00000	15,000.00	5,000.00000	15,000.00	8,300.00000	24,900.00
	POLE BASE, TYPE 3B	EACH						
1490	834004	1.000	7,750.00000	7,750.00	8,000.00000	8,000.00	26,700.00000	26,700.00
	POLE BASE, TYPE 3C	EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1500	834005	33.000	725.00000	23,925.00	750.00000	24,750.00	1,000.00000	33,000.00
POLE BASE, TYPE 4A		EACH						
1510	834006	19.000	925.00000	17,575.00	950.00000	18,050.00	1,540.00000	29,260.00
POLE BASE, TYPE 6		EACH						
1520	834511	8.000	950.00000	7,600.00	1,000.00000	8,000.00	1,060.00000	8,480.00
POLE BASE, TYPE 4B		EACH						
1530	835002	1.000	1,250.00000	1,250.00	1,250.00000	1,250.00	1,940.00000	1,940.00
CABINET BASE TYPE M		EACH						
1540	835003	5.000	1,250.00000	6,250.00	1,250.00000	6,250.00	2,050.00000	10,250.00
CABINET BASE TYPE P		EACH						
1550	835500	1.000	2,100.00000	2,100.00	2,100.00000	2,100.00	2,600.00000	2,600.00
FURNISH AND INSTALL ADDITIONAL DISCONNECT SWITCH		LF						
1560	836001	14.000	470.00000	6,580.00	475.00000	6,650.00	640.00000	8,960.00
INSTALLATION OF STEEL POLE (EQUAL TO OR GREATER THAN 17 FEET AND LESS THAN 40 FEET)		EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1570	836006	14.000	55.00000	770.00	55.00000	770.00	100.00000	1,400.00
	REMOVE PEDESTAL POLE	EACH						
1580	836500	4.000	3,100.00000	12,400.00	3,100.00000	12,400.00	2,500.00000	10,000.00
	INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE MAST ARM GREATER THAN 70'	EACH						
1590	836502	30.000	1,000.00000	30,000.00	1,000.00000	30,000.00	1,050.00000	31,500.00
	FURNISH AND INSTALL PEDESTAL POLE	EACH						
1600	836503	11.000	285.00000	3,135.00	300.00000	3,300.00	1,030.00000	11,330.00
	REMOVE STEEL POLE (EQUAL TO OR GREATER THAN 15' AND LESS THAN 40'	EACH						
1610	836504	9.000	1,800.00000	16,200.00	1,800.00000	16,200.00	2,200.00000	19,800.00
	INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE OR TWIN MAST ARMS UP TO 60'	EACH						
1620	836506	13.000	1,000.00000	13,000.00	1,000.00000	13,000.00	900.00000	11,700.00
	FURNISH 14' PEDESTAL POLE	EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culpeper Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1630	837001	126.000	265.00000	33,390.00	275.00000	34,650.00	300.00000	37,800.00
	FURNISH AND INSTALL 8" LED SIGNAL HEAD SECTION, RIGID MOUNT	EACH						
1640	837002	151.000	350.00000	52,850.00	350.00000	52,850.00	360.00000	54,360.00
	FURNISH AND INSTALL 12" LED SIGNAL HEAD SECTION, RIGID MOUNT	EACH						
1650	837007	60.000	285.00000	17,100.00	300.00000	18,000.00	255.00000	15,300.00
	FURNISH AND INSTALL SIGNAL HEAD BACKPLATE	EACH						
1660	837008	54.000	650.00000	35,100.00	675.00000	36,450.00	550.00000	29,700.00
	FURNISH AND INSTALL 16" LED COUNTDOWN PEDESTRIAN SIGNAL	EACH						
1670	837010	59.000	250.00000	14,750.00	250.00000	14,750.00	500.00000	29,500.00
	FURNISH AND INSTALL PEDESTRIAN PUSHBUTTON WITH SIGN	EACH						
1680	837011	24.000	130.00000	3,120.00	130.00000	3,120.00	240.00000	5,760.00
	REALIGN OR SLIDE EXISTING SIGNAL HEAD	EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Lilling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1690	837500	32.000	47.50000	1,520.00	48.00000	1,536.00	130.00000	4,160.00
REMOVAL OF SIGNAL OR PEDESTRIAN HEAD FROM POLE OR PEDESTAL		EACH						
1700	837503	40.000	155.00000	6,200.00	155.00000	6,200.00	140.00000	5,600.00
FURNISH 8" LED SIGNAL HEAD SECTION		EACH						
1710	838009	1,690.000	1.55000	2,619.50	1.60000	2,704.00	4.40000	7,436.00
REMOVAL OF MESSENGER WIRE, CABLE AND HARDWARE		LF						
1720	838500	10.000	155.00000	1,550.00	160.00000	1,600.00	220.00000	2,200.00
REMOVAL OF SPAN WIRE ATTACHMENT		EACH						
1730	838503	1,475.000	1.30000	1,917.50	1.30000	1,917.50	2.50000	3,687.50
REMOVAL OF CABLE FROM MESSENGER WIRE		LF						
1740	838504	40.000	42.26000	1,690.40	42.00000	1,680.00	155.00000	6,200.00
REMOVAL OF SIGNAL HEAD OR OPTICOM DETECTOR FROM SPAN WIRE OR MAST ARM		EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1750	839003	1.000	315.00000	315.00	320.00000	320.00	800.00000	800.00
	REMOVAL OF WOOD POLE	EACH						
1760	842501	6.000	2,600.00000	15,600.00	2,600.00000	15,600.00	4,100.00000	24,600.00
	FURNISH AND INSTALL ELECTRIC UTILITY SERVICE EQUIPMENT 120/240 (100 AMP)	EACH						
1770	844001	22.000	925.00000	20,350.00	950.00000	20,900.00	900.00000	19,800.00
	FURNISH AND INSTALL OPTICOM EMERGENCY PREEMPTION DETECTOR	EACH						
1780	844521	7.000	525.00000	3,675.00	520.00000	3,640.00	550.00000	3,850.00
	INSTALL VIDEO DETECTION DEVICE	EACH						
1790	846001	1,090.000	15.00000	16,350.00	15.00000	16,350.00	20.00000	21,800.00
	FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	LF						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culling Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1800	846002	95.000	15.50000	1,472.50	16.00000	1,520.00	25.00000	2,375.00
FURNISH AND INSTALL A 1-1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE		LF						
1810	847001	2.000	235.00000	470.00	230.00000	460.00	400.00000	800.00
INSTALL OR REMOVAL OF POLE OR POST MOUNTED CABINET		EACH						
1820	847002	11.000	315.00000	3,465.00	320.00000	3,520.00	500.00000	5,500.00
INSTALL OR REMOVAL OF BASE OR PAD MOUNTED CABINET		EACH						
1830	847005	2.000	8,850.00000	17,700.00	9,000.00000	18,000.00	4,400.00000	8,800.00
LIGHTING CONTROL CABINET - 60A		EACH						
1840	850520	11.000	525.00000	5,775.00	520.00000	5,720.00	525.00000	5,775.00
LUMINAIRE (LED), 150 WATTS, HPS EQUIVALENT		EACH						
1850	850521	7.000	625.00000	4,375.00	620.00000	4,340.00	635.00000	4,445.00
LUMINAIRE (LED), 250 WATTS, HPS EQUIVALENT		EACH						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1860	850533	8.000	4,350.00000	34,800.00	4,400.00000	35,200.00	5,200.00000	41,600.00
	DECORATIVE LIGHT STANDARD AND FIXTURE, LED, SINGLE	EACH						
1870	851001	7.000	3,100.00000	21,700.00	3,100.00000	21,700.00	4,000.00000	28,000.00
	ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 30' POLE	EACH						
1880	905001	3,082.000	3.50000	10,787.00	2.50000	7,705.00	2.10000	6,472.20
	SILT FENCE	LF						
1890	905004	1.000	750.00000	750.00	1,200.00000	1,200.00	260.00000	260.00
	INLET SEDIMENT CONTROL, DRAINAGE INLET	EACH						
1900	905005	60.000	200.00000	12,000.00	100.00000	6,000.00	270.00000	16,200.00
	INLET SEDIMENT CONTROL, CURB INLET	EACH						
1910	908004	3,160.000	11.00000	34,760.00	16.00000	50,560.00	14.40000	45,504.00
	TOPSOIL, 6" DEPTH	SY						
1920	908014	3,160.000	2.50000	7,900.00	1.00000	3,160.00	2.20000	6,952.00
	PERMANENT GRASS SEEDING, DRY GROUND	SY						



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(3) A-DEL CONSTRUCTION COMPANY, INC.		(4) DIAMOND MATERIALS LLC		(5) JJID INC	
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price	Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:	
1930	908017	6,320.000	0.55000	3,476.00	0.75000	4,740.00	1.10000	6,952.00
TEMPORARY GRASS SEEDING		SY						
1940	908023	168.000	28.50000	4,788.00	25.00000	4,200.00	32.00000	5,376.00
STABILIZED CONSTRUCTION ENTRANCE		SY						
1950	908024	20.000	55.00000	1,100.00	150.00000	3,000.00	80.00000	1,600.00
STABILIZED CONSTRUCTION ENTRANCE, TOPDRESSING		TON						
1960	763000	(1)	400,000.00000	400,000.00	464,646.46000	464,646.46	435,000.00000	435,000.00
INITIAL EXPENSE/DE-MOBILIZATION		LS						
1980	810001	26,042.000	3.00000	78,126.00	2.50000	65,105.00	2.20000	57,292.40
TEMPORARY WARNING SIGNS AND PLAQUES		EADY						
1990	813001	42,150.000	0.26000	10,959.00	0.50000	21,075.00	0.33000	13,909.50
TEMPORARY BARRICADES, TYPE III		LFDY						
Section Totals:				\$8,419,417.88		\$9,278,334.29		\$9,566,213.31
Life Cycle Costs:								
Section Total with LCC:				\$8,419,417.88		\$9,278,334.29		\$9,566,213.31



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() indicates item is bid as Lump Sum



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0010	201000	(1)	60,000.00000	60,000.00	58,000.00000	58,000.00	
CLEARING AND GRUBBING		LS					
0020	202000	4,575.000	43.00000	196,725.00	51.00000	233,325.00	
EXCAVATION AND EMBANKMENT		CY					
0030	202003	834.000	49.00000	40,866.00	75.00000	62,550.00	
UNDERCUT EXCAVATION		CY					
0040	207000	2,764.000	60.00000	165,840.00	0.01000	27.64	
STRUCTURAL EXCAVATION		CY					
0050	209005	1,262.000	27.00000	34,074.00	30.00000	37,860.00	
FURNISHING BORROW, TYPE C FOR PIPE AND UTILITY TRENCH BACKFILL		CY					
0060	209008	1,180.000	24.00000	28,320.00	40.00000	47,200.00	
BORROW, TYPE B		TON					
0070	209010	70.000	44.00000	3,080.00	17.00000	1,190.00	
BORROW, TYPE F		TON					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0080	211000	(1)	80,000.00000	80,000.00	150,000.00000	150,000.00	
REMOVAL OF STRUCTURES AND OBSTRUCTIONS		LS					
0090	211001	17,718.000	10.00000	177,180.00	20.00000	354,360.00	
REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT, CURB AND SIDEWALK		SY					
0100	301001	3,824.000	73.00000	279,152.00	65.00000	248,560.00	
GRADED AGGREGATE BASE COURSE, TYPE B		CY					
0110	301002	378.000	133.00000	50,274.00	119.00000	44,982.00	
GRADED AGGREGATE BASE COURSE, TYPE B, PATCHING		CY					
0120	302002	37.000	97.00000	3,589.00	160.00000	5,920.00	
DELAWARE NO. 3 STONE		TON					
0130	401005	2,056.000	100.00000	205,600.00	130.00000	267,280.00	
SUPERPAVE TYPE C, PG 64-22 (CARBONATE STONE)		TON					
0140	401014	812.000	97.00000	78,764.00	90.00000	73,080.00	
SUPERPAVE TYPE B, PG 64-22		TON					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0150	401021	1,602.000	83.00000	132,966.00	86.00000	137,772.00	
	SUPERPAVE TYPE BCBC, PG 64-22	TON					
0160	401029	96.000	226.00000	21,696.00	255.00000	24,480.00	
	SUPERPAVE TYPE C, PG 64-22, PATCHING	TON					
0170	401030	410.000	149.00000	61,090.00	263.00000	107,830.00	
	SUPERPAVE TYPE B, PG 64-22, PATCHING	TON					
0180	401031	474.000	115.00000	54,510.00	266.00000	126,084.00	
	SUPERPAVE TYPE BCBC, PG 64-22, PATCHING	TON					
0190	401037	2.000	505.00000	1,010.00	353.00000	706.00	
	SUPERPAVE TYPE B, PG 64-22, WEDGE	TON					
0200	501001	5,744.000	120.00000	689,280.00	210.00000	1,206,240.00	
	PORTLAND CEMENT CONCRETE PAVEMENT, 8"	SY					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0210	501502	74,741.000	0.85000	63,529.85	1.00000	74,741.00	
		SF					
		DIAMOND GRINDING PORTLAND CEMENT CONCRETE PAVEMENT AND PRECAST PAVEMENT					
0220	501503	310.000	564.00000	174,840.00	250.00000	77,500.00	
		SY					
		PRECAST CONCRETE PAVEMENT PANELS					
0230	501505	2,255.000	135.00000	304,425.00	225.00000	507,375.00	
		SY					
		PCC PAVEMENT, CLASS A					
0240	504001	1,680.000	8.00000	13,440.00	3.20000	5,376.00	
		LF					
		CRACK AND JOINT SEALING LESS THAN 3/4 INCH WIDE					
0250	601011	604.000	80.00000	48,320.00	85.00000	51,340.00	
		LF					
		REINFORCED CONCRETE PIPE, 15", CLASS III					
0260	601012	632.000	91.00000	57,512.00	100.00000	63,200.00	
		LF					
		REINFORCED CONCRETE PIPE, 18", CLASS III					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0270	601013	229.000	113.00000	25,877.00	61.00000	13,969.00	
REINFORCED CONCRETE PIPE, 21", CLASS III		LF					
0280	601014	333.000	130.00000	43,290.00	68.00000	22,644.00	
REINFORCED CONCRETE PIPE, 24", CLASS III		LF					
0290	601016	887.000	165.00000	146,355.00	83.00000	73,621.00	
REINFORCED CONCRETE PIPE, 30", CLASS III		LF					
0300	601018	323.000	221.00000	71,383.00	105.00000	33,915.00	
REINFORCED CONCRETE PIPE, 36", CLASS III		LF					
0310	602002	4.000	3,900.00000	15,600.00	4,790.00000	19,160.00	
DRAINAGE INLET, 34" X 18"		EACH					
0320	602003	8.000	4,000.00000	32,000.00	4,600.00000	36,800.00	
DRAINAGE INLET, 34" X 24"		EACH					
0330	602004	12.000	5,200.00000	62,400.00	5,345.00000	64,140.00	
DRAINAGE INLET, 48" X 30"		EACH					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0340	602005	23.000	6,300.00000	144,900.00	5,970.00000	137,310.00	
	DRAINAGE INLET, 48" X 48"	EACH					
0350	602008	3.000	9,700.00000	29,100.00	8,925.00000	26,775.00	
	DRAINAGE INLET, 66" X 66"	EACH					
0360	602032	1.000	9,500.00000	9,500.00	5,985.00000	5,985.00	
	MANHOLE, 66" X 30"	EACH					
0370	602067	4.000	1,800.00000	7,200.00	2,540.00000	10,160.00	
	CONVERTING DRAINAGE INLET TO JUNCTION BOX	EACH					
0380	602100	1.000	900.00000	900.00	1,120.00000	1,120.00	
	REPLACE DRAINAGE INLET GRATE(S)	EACH					
0390	602130	29.000	1,000.00000	29,000.00	1,970.00000	57,130.00	
	ADJUSTING AND REPAIRING EXISTING DRAINAGE INLET	EACH					
0400	602132	15.000	418.00000	6,270.00	1,925.00000	28,875.00	
	ADJUSTING AND REPAIRING EXISTING MANHOLE	EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0410	602133	1.000	338.00000	338.00	1,970.00000	1,970.00	
REPAIRING EXISTING JUNCTION BOX		EACH					
0420	602502	4.000	1,800.00000	7,200.00	1,970.00000	7,880.00	
CONVERTING EXISTING CATCH BASIN TO MANHOLE		EACH					
0430	610019	12.000	3,400.00000	40,800.00	1,050.00000	12,600.00	
HIGH EARLY STRENGTH CONCRETE		CY					
0440	615515	1.000	5,300.00000	5,300.00	6,595.00000	6,595.00	
RIDE SHELTER INSTALLATION		EACH					
0450	701010	667.000	52.00000	34,684.00	25.00000	16,675.00	
PORTLAND CEMENT CONCRETE CURB, TYPE 1-2		LF					
0460	701011	50.000	85.00000	4,250.00	35.00000	1,750.00	
PORTLAND CEMENT CONCRETE CURB, TYPE 1-4		LF					
0470	701012	4,652.000	52.00000	241,904.00	22.00000	102,344.00	
PORTLAND CEMENT CONCRETE CURB, TYPE 1-6		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0480	701013	124.000	81.00000	10,044.00	36.00000	4,464.00	
	PORTLAND CEMENT CONCRETE CURB, TYPE 1-8	LF					
0490	701014	15.000	118.00000	1,770.00	45.00000	675.00	
	PORTLAND CEMENT CONCRETE CURB, TYPE 2	LF					
0500	701021	122.000	123.00000	15,006.00	25.00000	3,050.00	
	INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-4	LF					
0510	701022	768.000	67.00000	51,456.00	22.00000	16,896.00	
	INTEGRAL PORTLAND CEMENT CONCRETE CURB AND GUTTER, TYPE 3-6	LF					
0520	701025	1,312.000	56.00000	73,472.00	25.00000	32,800.00	
	PORTLAND CEMENT CONCRETE CURB TYPE 2 MODIFIED	LF					
0530	701026	2,358.000	62.00000	146,196.00	49.00000	115,542.00	
	PORTLAND CEMENT CONCRETE MONOLITHIC MEDIAN	LF					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Quince Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0540	702000	2,286.000	53.00000	121,158.00	51.00000	116,586.00	
	TRIANGULAR CHANNELIZING ISLANDS	SF					
0550	705001	25,873.000	15.50000	401,031.50	12.00000	310,476.00	
	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	SF					
0560	705002	2,729.000	18.00000	49,122.00	14.00000	38,206.00	
	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	SF					
0570	705005	413.000	24.00000	9,912.00	18.00000	7,434.00	
	PORTLAND CEMENT CONCRETE SIDEWALK, 8"	SF					
0580	705007	1,092.000	47.00000	51,324.00	38.00000	41,496.00	
	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	SF					
0590	705008	435.000	55.00000	23,925.00	26.00000	11,310.00	
	PEDESTRIAN CONNECTION, TYPE 1	SF					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0600	705009	4,038.000	52.00000	209,976.00	26.00000	104,988.00	
	PEDESTRIAN CONNECTION, TYPE 2, 3, AND/OR 4	SF					
0610	705010	329.000	52.00000	17,108.00	26.00000	8,554.00	
	PEDESTRIAN CONNECTION, TYPE 5	SF					
0620	705504	4,170.000	19.00000	79,230.00	30.00000	125,100.00	
	BRICK AND/OR BLOCK SIDEWALK	SF					
0630	705505	2,466.000	9.00000	22,194.00	12.00000	29,592.00	
	RESET STONE/BRICK SIDEWALK AND/OR STONE/BRICK ROADWAY	SF					
0640	705511	5.000	1,200.00000	6,000.00	4,000.00000	20,000.00	
	BIKE RACKS	EACH					
0650	705521	215.000	35.00000	7,525.00	19.00000	4,085.00	
	PATTERNED PORTLAND CEMENT CONCRETE SIDEWALK, 8"	SF					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Culinary Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0660	705528	7.000	2,300.00000	16,100.00	5,700.00000	39,900.00	
TEMPORARY PEDESTRIAN CONNECTION		EACH					
0670	706001	1.000	650.00000	650.00	1,035.00000	1,035.00	
RELOCATE MONUMENT		EACH					
0680	708002	2,526.000	3.00000	7,578.00	2.25000	5,683.50	
GEOTEXTILES, SEPARATION		SY					
0690	709001	4,293.000	13.00000	55,809.00	32.00000	137,376.00	
PERFORATED PIPE UNDERDRAINS, 6"		LF					
0700	709502	259.000	1,100.00000	284,900.00	590.00000	152,810.00	
TRENCH DRAIN, 8" WIDE		LF					
0710	710002	46.000	275.00000	12,650.00	110.00000	5,060.00	
ADJUST WATER VALVE BOXES		EACH					
0720	710003	1.000	1,100.00000	1,100.00	1,855.00000	1,855.00	
ADJUST FIRE HYDRANTS		EACH					
0730	710503	9.000	275.00000	2,475.00	110.00000	990.00	
ADJUST GAS VALVE BOXES		EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0740	711500	27.000	1,000.00000	27,000.00	1,480.00000	39,960.00	
ADJUST AND REPAIR EXISTING SANITARY MANHOLE		EACH					
0750	723003	413.000	320.00000	132,160.00	400.00000	165,200.00	
PORTLAND CEMENT CONCRETE SAFETY BARRIER, PERMANENT, SINGLE FACE, 42"		LF					
0760	727030	14.000	56.00000	784.00	420.00000	5,880.00	
FENCE RELOCATION		LF					
0770	727031	4.000	2,800.00000	11,200.00	1,580.00000	6,320.00	
GATE RELOCATION		EACH					
0780	760010	22,075.000	1.50000	33,112.50	2.10000	46,357.50	
PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT		SYIN					
0790	760011	427.000	26.00000	11,102.00	8.00000	3,416.00	
PAVEMENT MILLING, BITUMINOUS CONCRETE PAVEMENT, TAPER CUT		SYIN					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0800	762000	6,285.000	2.75000	17,283.75	1.20000	7,542.00	
SAW CUTTING, BITUMINOUS CONCRETE		LF					
0810	762001	3,350.000	5.00000	16,750.00	2.50000	8,375.00	
SAW CUTTING, CONCRETE, FULL DEPTH		LF					
0820	763501	(1)	48,000.00000	48,000.00	187,000.00000	187,000.00	
CONSTRUCTION ENGINEERING		LS					
0830	763508	(1)	10,000.00000	10,000.00	1,000.00000	1,000.00	
PROJECT CONTROL SYSTEM DEVELOPMENT PLAN		LS					
0840	763509	14.000	1,000.00000	14,000.00	1.00000	14.00	
CPM SCHEDULE UPDATES AND/OR REVISED UPDATES		EAMO					
0850	763598	14.000	10,000.00000	140,000.00	5,500.00000	77,000.00	
FIELD OFFICE, SPECIAL I		EAMO					
0860	801000	(1)	232,100.00000	232,100.00	200,000.00000	200,000.00	
MAINTENANCE OF TRAFFIC		LS					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0870	802003	1,983.000	24.00000	47,592.00	7.00000	13,881.00	
ARROW PANELS TYPE C		EADY					
0880	803001	926.000	54.00000	50,004.00	26.00000	24,076.00	
FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN		EADY					
0890	804001	420.000	94.00000	39,480.00	52.00000	21,840.00	
FURNISH AND MAINTAIN PORTABLE LIGHT ASSEMBLY (FLOOD LIGHTS)		EADY					
0900	805001	54,827.000	0.60000	32,896.20	0.35000	19,189.45	
PLASTIC DRUMS		EADY					
0910	806001	540.000	75.00000	40,500.00	75.00000	40,500.00	
TRAFFIC OFFICERS		HOURL					
0920	808002	825.000	96.00000	79,200.00	80.00000	66,000.00	
FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II		EADY					
0930	811001	3,300.000	74.00000	244,200.00	55.00000	181,500.00	
FLAGGER, NEW CASTLE COUNTY STATE		HOURL					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
0940	813500	178,873.000	0.25000	44,718.25	0.95000	169,929.35	
PEDESTRIAN CHANNELIZING BARRICADE SYSTEM							
		LFDY					
0950	817002	6,643.000	4.00000	26,572.00	4.50000	29,893.50	
PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND, ALKYD-THERMOPLASTIC							
		SF					
0960	817005	170.000	4.00000	680.00	0.95000	161.50	
PERMANENT PAVEMENT STRIPING, ALKYD- THERMOPLASTIC, 5"							
		LF					
0970	817006	3,450.000	3.00000	10,350.00	2.10000	7,245.00	
PERMANENT PAVEMENT STRIPING, ALKYD- THERMOPLASTIC, 12"							
		LF					
0980	817012	2,526.000	32.00000	80,832.00	24.95000	63,023.70	
RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, SYMBOL/LEGEND							
		SF					
0990	817013	47,225.000	1.00000	47,225.00	0.50000	23,612.50	
PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"							
		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1000	817015	39.000	362.00000	14,118.00	375.00000	14,625.00	
	PREFORMED RETROREFLECTIVE THERMOPLASTIC MARKINGS, BIKE SYMBOL	EACH					
1010	817018	2,695.000	1.00000	2,695.00	0.40000	1,078.00	
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 3"	LF					
1020	817019	660.000	2.00000	1,320.00	0.50000	330.00	
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 5"	LF					
1030	817020	1,711.000	5.00000	8,555.00	3.95000	6,758.45	
	RETROREFLECTIVE PREFORMED PATTERNED MARKINGS, 5"	LF					
1040	817024	1,240.000	2.00000	2,480.00	0.90000	1,116.00	
	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, BLACK, 9"	LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1050	817031	19,427.000	2.00000	38,854.00	0.90000	17,484.30	
REMOVAL OF PAVEMENT STRIPING		SF					
1060	817500	12,200.000	27.00000	329,400.00	24.95000	304,390.00	
PREFORMED THERMOPLASTIC DECORATIVE PAVEMENT SYSTEM		SF					
1070	817587	832.000	80.00000	66,560.00	71.55000	59,529.60	
GREEN BICYCLE LANE PAVEMENT COATING		SY					
1080	818001	2,505.000	56.00000	140,280.00	37.75000	94,563.75	
SUPPLY OF FLAT SHEET ALUMINUM SIGN PANEL, TYPE IV, RETROREFLECTIVE SHEETING		SF					
1090	819004	77.000	107.00000	8,239.00	95.00000	7,315.00	
GALVANIZED STEEL SIGN POST ONLY, 12' X 2"		EACH					
1100	819016	4.000	280.00000	1,120.00	95.00000	380.00	
INSTALLATION OF 4" DIAMETER HOLE, LESS THAN OR EQUAL TO 6" DEPTH		EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1110	819018	329.000	107.00000	35,203.00	95.00000	31,255.00	
INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON SINGLE SIGN POST		EACH					
1120	819019	60.000	113.00000	6,780.00	13.50000	810.00	
INSTALLATION OR REMOVAL OF TRAFFIC SIGN(S) ON MULTIPLE SIGN POSTS		SF					
1130	823001	51.000	23.00000	1,173.00	100.00000	5,100.00	
INSTALLATION OF SIGN ON SPAN WIRE OR MAST ARM		SF					
1140	825001	9.000	28.00000	252.00	95.00000	855.00	
TUBULAR MARKERS		EACH					
1150	830001	36.000	1,200.00000	43,200.00	1,100.00000	39,600.00	
CONDUIT JUNCTION WELL, TYPE 1, 20" X 20" PRECAST CONCRETE		EACH					
1160	830002	24.000	1,500.00000	36,000.00	1,350.00000	32,400.00	
CONDUIT JUNCTION WELL, TYPE 4, 20" X 42-1/2" PRECAST CONCRETE		EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1170	830003	2.000	1,200.00000	2,400.00	1,100.00000	2,200.00	
CONDUIT JUNCTION WELL, TYPE 5, 24" X 16" PRECAST CONCRETE		EACH					
1180	830004	2.000	2,800.00000	5,600.00	2,500.00000	5,000.00	
CONDUIT JUNCTION WELL, TYPE 7, 36" X 60" PRECAST POLYMER CONCRETE		EACH					
1190	830008	2.000	450.00000	900.00	400.00000	800.00	
ADJUST OR REPAIR EXISTING CONDUIT JUNCTION WELL		EACH					
1200	830010	13.000	280.00000	3,640.00	250.00000	3,250.00	
REMOVAL OF EXISTING JUNCTION WELL		EACH					
1210	831501	330.000	107.00000	35,310.00	95.00000	31,350.00	
FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF					
1220	831502	20.000	107.00000	2,140.00	95.00000	1,900.00	
FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (OPEN CUT)		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1230	831503	140.000	107.00000	14,980.00	95.00000	13,300.00	
FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)							
		LF					
1240	831504	385.000	101.00000	38,885.00	90.00000	34,650.00	
FURNISH AND INSTALL 2" SCHEDULE 80 PVC CONDUIT (OPEN CUT)							
		LF					
1250	831514	475.000	21.00000	9,975.00	19.00000	9,025.00	
FURNISH AND INSTALL 2-1/2" SCHEDULE 80 PVC CONDUIT (TRENCH)							
		LF					
1260	831515	1,855.000	23.00000	42,665.00	20.40000	37,842.00	
FURNISH AND INSTALL 3" SCHEDULE 80 PVC CONDUIT (TRENCH)							
		LF					
1270	831516	1,497.000	28.00000	41,916.00	25.00000	37,425.00	
FURNISH AND INSTALL 4" SCHEDULE 80 PVC CONDUIT (TRENCH)							
		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1280	831523	605.000	29.00000	17,545.00	26.00000	15,730.00	
	FURNISH AND INSTALL 2" GALVANIZED CONDUIT (TRENCH)	LF					
1290	831525	30.000	34.00000	1,020.00	30.00000	900.00	
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (TRENCH)	LF					
1300	831528	290.000	45.00000	13,050.00	40.00000	11,600.00	
	FURNISH AND INSTALL 2" GALVANIZED STEEL CONDUIT (BORE)	LF					
1310	831540	30.000	37.00000	1,110.00	32.50000	975.00	
	FURNISH AND INSTALL 3" GALVANIZED STEEL CONDUIT (ON STRUCTURE)	LF					
1320	831544	575.000	34.00000	19,550.00	30.00000	17,250.00	
	FURNISH AND IN STALL 3" HDPE SDR-13.5 CONDUIT (BORE)	LF					



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Chipping Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1330	831545	4,005.000	37.00000	148,185.00	33.00000	132,165.00	
FURNISH AND INSTALL 4" HDPE SDR-13.5 CONDUIT (BORE)							
		LF					
1340	831574	275.000	19.00000	5,225.00	16.95000	4,661.25	
FURNISH AND INSTALL SECOND AND SUBSEQUENT ADDITIONAL 4" SCHEDULE 80 PVC CONDUIT IN TRENCH OR OPEN CUT							
		LF					
1350	832008	180.000	3.00000	540.00	2.30000	414.00	
FURNISH AND INSTALL 1- CONDUCTOR #6 STRANDED COPPER, TYPE USE-2							
		LF					
1360	832009	8,065.000	2.00000	16,130.00	1.90000	15,323.50	
FURNISH AND INSTALL 1- CONDUCTOR #8 STRANDED COPPER, TYPE USE-2							
		LF					
1370	832025	5,110.000	3.00000	15,330.00	2.50000	12,775.00	
FURNISH AND INSTALL 4- CONDUCTOR #18 AWG SHIELDED OPTICOM CABLE							
		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1380	832027	8,340.000	2.00000	16,680.00	2.00000	16,680.00	
	FURNISH AND INSTALL 1- CONDUCTOR #14 AWG SHIELDED CABLE	LF					
1390	832029	755.000	5.00000	3,775.00	4.55000	3,435.25	
	FURNISH AND INSTALL #8/2 WIRE UF W/GROUND	LF					
1400	832032	55.000	3.00000	165.00	2.50000	137.50	
	FURNISH AND INSTALL 14/4 TRAFFIC CONTROL CABLE	LF					
1410	832033	6,130.000	4.00000	24,520.00	3.20000	19,616.00	
	FURISH AND INSTALL 14/9 TRAFFIC CONTROL CABLE	LF					
1420	832034	2,055.000	5.00000	10,275.00	4.10000	8,425.50	
	FURISH AND INSTALL 14/16 TRAFFIC CONTROL CABLE	LF					
1430	832035	8,170.000	1.00000	8,170.00	1.10000	8,987.00	
	REMOVAL OF CABLE FROM CONDUIT OR TRAFFIC /LIGHTING POLE	LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1440	832504	1,090.000	2.00000	2,180.00	1.55000	1,689.50	
	FURNISH AND INSTALL #8 THHN STRANDED COPPER	LF					
1450	832505	5,365.000	2.00000	10,730.00	1.60000	8,584.00	
	FURNISH AND INSTALL #6 AWG SOLID COPPER WIRE	LF					
1460	832507	11,405.000	3.00000	34,215.00	2.65000	30,223.25	
	FURNISH AND INSTALL 14/5 TRAFFIC CONTROL CABLE	LF					
1470	834002	8.000	4,200.00000	33,600.00	3,700.00000	29,600.00	
	POLE BASE, TYPE 3A	EACH					
1480	834003	3.000	5,300.00000	15,900.00	4,750.00000	14,250.00	
	POLE BASE, TYPE 3B	EACH					
1490	834004	1.000	8,400.00000	8,400.00	7,500.00000	7,500.00	
	POLE BASE, TYPE 3C	EACH					
1500	834005	33.000	800.00000	26,400.00	700.00000	23,100.00	
	POLE BASE, TYPE 4A	EACH					
1510	834006	19.000	1,000.00000	19,000.00	900.00000	17,100.00	
	POLE BASE, TYPE 6	EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1520	834511	8.000	1,100.00000	8,800.00	940.00000	7,520.00	
	POLE BASE, TYPE 4B	EACH					
1530	835002	1.000	1,400.00000	1,400.00	1,200.00000	1,200.00	
	CABINET BASE TYPE M	EACH					
1540	835003	5.000	1,400.00000	7,000.00	1,200.00000	6,000.00	
	CABINET BASE TYPE P	EACH					
1550	835500	1.000	2,300.00000	2,300.00	2,000.00000	2,000.00	
	FURNISH AND INSTALL ADDITIONAL DISCONNECT SWITCH	LF					
1560	836001	14.000	500.00000	7,000.00	450.00000	6,300.00	
	INSTALLATION OF STEEL POLE (EQUAL TO OR GREATER THAN 17 FEET AND LESS THAN 40 FEET)	EACH					
1570	836006	14.000	56.00000	784.00	50.00000	700.00	
	REMOVE PEDESTAL POLE	EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1580	836500	4.000	3,400.00000	13,600.00	3,000.00000	12,000.00	
INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE MAST ARM GREATER THAN 70'		EACH					
1590	836502	30.000	1,100.00000	33,000.00	983.00000	29,490.00	
FURNISH AND INSTALL PEDESTAL POLE		EACH					
1600	836503	11.000	310.00000	3,410.00	275.00000	3,025.00	
REMOVE STEEL POLE (EQUAL TO OR GREATER THAN 15' AND LESS THAN 40'		EACH					
1610	836504	9.000	2,000.00000	18,000.00	1,750.00000	15,750.00	
INSTALLATION OF STEEL MAST ARM POLE WITH SINGLE OR TWIN MAST ARMS UP TO 60'		EACH					
1620	836506	13.000	1,100.00000	14,300.00	965.00000	12,545.00	
FURNISH 14' PEDESTAL POLE		EACH					
1630	837001	126.000	290.00000	36,540.00	260.00000	32,760.00	
FURNISH AND INSTALL 8" LED SIGNAL HEAD SECTION, RIGID MOUNT		EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1640	837002	151.000	380.00000	57,380.00	340.00000	51,340.00	
	FURNISH AND INSTALL 12" LED SIGNAL HEAD SECTION, RIGID MOUNT	EACH					
1650	837007	60.000	310.00000	18,600.00	275.00000	16,500.00	
	FURNISH AND INSTALL SIGNAL HEAD BACKPLATE	EACH					
1660	837008	54.000	700.00000	37,800.00	625.00000	33,750.00	
	FURNISH AND INSTALL 16" LED COUNTDOWN PEDESTRIAN SIGNAL	EACH					
1670	837010	59.000	270.00000	15,930.00	240.00000	14,160.00	
	FURNISH AND INSTALL PEDESTRIAN PUSHBUTTON WITH SIGN	EACH					
1680	837011	24.000	140.00000	3,360.00	125.00000	3,000.00	
	REALIGN OR SLIDE EXISTING SIGNAL HEAD	EACH					
1690	837500	32.000	51.00000	1,632.00	45.00000	1,440.00	
	REMOVAL OF SIGNAL OR PEDESTRIAN HEAD FROM POLE OR PEDESTAL	EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1700	837503	40.000	169.00000	6,760.00	150.00000	6,000.00	
	FURNISH 8" LED SIGNAL HEAD SECTION	EACH					
1710	838009	1,690.000	2.00000	3,380.00	1.50000	2,535.00	
	REMOVAL OF MESSENGER WIRE, CABLE AND HARDWARE	LF					
1720	838500	10.000	169.00000	1,690.00	150.00000	1,500.00	
	REMOVAL OF SPAN WIRE ATTACHMENT	EACH					
1730	838503	1,475.000	1.00000	1,475.00	1.25000	1,843.75	
	REMOVAL OF CABLE FROM MESSENGER WIRE	LF					
1740	838504	40.000	45.00000	1,800.00	40.00000	1,600.00	
	REMOVAL OF SIGNAL HEAD OR OPTICOM DETECTOR FROM SPAN WIRE OR MAST ARM	EACH					
1750	839003	1.000	340.00000	340.00	300.00000	300.00	
	REMOVAL OF WOOD POLE	EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1760	842501	6.000	2,800.00000	16,800.00	2,500.00000	15,000.00	
FURNISH AND INSTALL ELECTRIC UTILITY SERVICE EQUIPMENT 120/240 (100 AMP)		EACH					
1770	844001	22.000	1,000.00000	22,000.00	900.00000	19,800.00	
FURNISH AND INSTALL OPTICOM EMERGENCY PREEMPTION DETECTOR		EACH					
1780	844521	7.000	560.00000	3,920.00	500.00000	3,500.00	
INSTALL VIDEO DETECTION DEVICE		EACH					
1790	846001	1,090.000	16.00000	17,440.00	14.00000	15,260.00	
FURNISH AND INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT		LF					
1800	846002	95.000	17.00000	1,615.00	15.00000	1,425.00	
FURNISH AND INSTALL A 1-1/2 INCH GALVANIZED RIGID METAL CONDUIT DETECTOR SLEEVE WITH LOOP WIRE		LF					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1810	847001	2.000	250.00000	500.00	225.00000	450.00	
INSTALL OR REMOVAL OF POLE OR POST MOUNTED CABINET		EACH					
1820	847002	11.000	340.00000	3,740.00	300.00000	3,300.00	
INSTALL OR REMOVAL OF BASE OR PAD MOUNTED CABINET		EACH					
1830	847005	2.000	9,600.00000	19,200.00	8,500.00000	17,000.00	
LIGHTING CONTROL CABINET - 60A		EACH					
1840	850520	11.000	560.00000	6,160.00	500.00000	5,500.00	
LUMINAIRE (LED), 150 WATTS, HPS EQUIVALENT		EACH					
1850	850521	7.000	675.00000	4,725.00	600.00000	4,200.00	
LUMINAIRE (LED), 250 WATTS, HPS EQUIVALENT		EACH					
1860	850533	8.000	4,800.00000	38,400.00	4,250.00000	34,000.00	
DECORATIVE LIGHT STANDARD AND FIXTURE, LED, SINGLE		EACH					



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Line No / Item ID Item Description			(6) ROAD-CON INC		(7) RICHARD E PIERSON CONSTRUCTION COMPANY, INC.		
Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1870	851001	7.000	3,400.00000	23,800.00	3,015.00000	21,105.00	
ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM, 30' POLE		EACH					
1880	905001	3,082.000	6.00000	18,492.00	2.95000	9,091.90	
SILT FENCE		LF					
1890	905004	1.000	475.00000	475.00	350.00000	350.00	
INLET SEDIMENT CONTROL, DRAINAGE INLET		EACH					
1900	905005	60.000	195.00000	11,700.00	350.00000	21,000.00	
INLET SEDIMENT CONTROL, CURB INLET		EACH					
1910	908004	3,160.000	15.00000	47,400.00	12.50000	39,500.00	
TOPSOIL, 6" DEPTH		SY					
1920	908014	3,160.000	1.70000	5,372.00	1.50000	4,740.00	
PERMANENT GRASS SEEDING, DRY GROUND		SY					
1930	908017	6,320.000	1.00000	6,320.00	1.00000	6,320.00	
TEMPORARY GRASS SEEDING		SY					



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Alt Set / Alt Member	Quantity and Units		Unit Price	Ext Amount	Unit Price	Ext Amount	Unit Price Ext Amount
SECTION:	0001	ROADWAY	Cat Alt Set:		Cat Alt Member:		LCC:
1940	908023	168.000	31.00000	5,208.00	41.00000	6,888.00	
STABILIZED CONSTRUCTION ENTRANCE		SY					
1950	908024	20.000	48.00000	960.00	80.00000	1,600.00	
STABILIZED CONSTRUCTION ENTRANCE, TOPDRESSING		TON					
1960	763000	(1)	475,000.00000	475,000.00	475,000.00000	475,000.00	
INITIAL EXPENSE/DE- MOBILIZATION		LS					
1980	810001	26,042.000	2.00000	52,084.00	2.00000	52,084.00	
TEMPORARY WARNING SIGNS AND PLAQUES		EADY					
1990	813001	42,150.000	0.15000	6,322.50	0.30000	12,645.00	
TEMPORARY BARRICADES, TYPE III		LFDY					
Section Totals:			\$9,570,036.55		\$9,621,748.14		
Life Cycle Costs:							
Section Total with LCC:			\$9,570,036.55		\$9,621,748.14		
Contract Item Totals			\$9,570,036.55		\$9,621,748.14		
Contract Time Totals							



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Contract Title: Delaware Avenue Separated Bikeway - Orchard Road to Lillingstone Avenue **Contract ID:** T201801501 **Counties:** NEW CASTLE

Contract Life Cycle Costs Totals	\$0.00	\$0.00
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Contract Grand Totals	\$9,570,036.55	\$9,621,748.14
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() indicates item is bid as Lump Sum