CONT. NO: 201207.15

QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

EST.
TYPE: Major Qnty

PROJECT: Van Dusen Rd Concept
CLIENT: City of Laurel MD

	BY	DATE
COMPUTED	CEI	16-Nov-23
CHECKED		

CATEGORY 1 - PRELIMINARY	18,300.00
CATEGORY 2 - GRADING	87,720.00
CATEGORY 3 - DRAINGE	131,950.00
CATEGORY 4 - STRUCTURES	0.00
CATEGORY 5 - PAVING	1,149,219.22
CATEGORY 6 - SHOULDERS	592,036.00
CATEGORY 7 - LANDSCAPING	274,400.00
CATEGORY 8 - TRAFFIC	1,130,770.00
CATEGORY 9 - MISCELLANEOUS	0.00
SUB-TOTAL:	**3,384,395.22**
DESIGN (20%)	**676,879.04**
SUB-TOTAL INCL. 20% FOR DESIGN:	**4,061,274.26**
PLUS 20% CONTINGENCY	**812,254.85**
TOTAL	**4,196,650.07**

CONT. NO: 201207.15

SHEET 1 OF 1

QUANTITY & COST BREAKDOWN

	BY	DATE
COMPUTED	CEI	16-Nov-23
CHECKED		

EST. TYPE: Major Qnty

PROJECT: Van Dusen Rd Concept

CLIENT: City of Laurel MD

ITEM NO	CCN	ITEM DESCRIPTION Category 1 - Preliminary	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		CATEGORY 1 (% OF CAT. 2, 4, 5, & 6)	%	1	18300.00	18,300.00
		NEED TO DETERMINE % AND ADJUST FORMULA				0.00
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Category 1 - Preliminary					**TOTAL:**	**18,300.00**

CONT. NO: 201207.15

QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

			BY	DATE
EST.	PROJECT: Van Dusen Rd Concept	COMPUTED	CEI	16-Nov-23
TYPE: Major Qnty	CLIENT: City of Laurel MD	CHECKED		

ITEM NO	CCN	ITEM DESCRIPTION Category 2 - Grading	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		CLASS 1 EXCAVATION	CY			0.00
		CLASS 1-A EXCAVATION	CY			0.00
		CLASS 2 EXCAVATION	CY	42	75.00	3,135.00
		SELECT BORROW	CY			0.00
		MODIFIED BORROW	CY			0.00
		COMMON BORROW	CY			0.00
		REMOVAL OF EXISTING CURB AND GUTER	LF	876	18.00	15,768.00
		REMOVAL OF EXISTING PAVEMENT	CY			0.00
		REMOVAL OF EXISTING SIDEWALK	CY	2,373	29.00	68,817.00
Category 2 - Grading					**TOTAL:**	**87,720.00**

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CONT. NO: 201207.15

QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

		BY	DATE
EST. PROJECT: Van Dusen Rd Concept	COMPUTED	CEI	16-Nov-23
TYPE: Major Qnty CLIENT: City of Laurel MD	CHECKED		

ITEM NO	CCN	ITEM DESCRIPTION Category 3 - Drainage	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		15 INCH REINFORCED CONCRETE PIPE, CLASS IV	LF	6	300.00	1,800.00
		STANDARD YARD INLET - MINIMUM DEPTH	EA	1	3,500.00	3,500.00
		STANDARD TYPE E ENDWALL FOR 12 INCH PIPE	EA	2	2,750.00	5,500.00
		CLEAN EXISING PIPE ANY SIZE	LF	3,950	5.00	19,750.00
		CLEAN EXISTING DRAINAGE STRUCTURES	EA	50	350.00	17,500.00
		TRIMMING EXISTING DITCHES	LF	750	40.00	30,000.00
		PERMEABLE PAVEMENT	SY	84	225.00	18,900.00
		EROSION & SEDIMENT CONTROL	LS	1	25,000.00	25,000.00
		SWM AS-BUILT CERITIFICATION	LS	1	10,000.00	10,000.00
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Category 3 - Drainage					**TOTAL:**	**131,950.00**

CONT. NO: 201207.15

QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

	BY	DATE
COMPUTED	CEI	
CHECKED		

EST. PROJECT: Van Dusen Rd Concept

TYPE: Major Qnty CLIENT: City of Laurel MD

ITEM NO	CCN	ITEM DESCRIPTION Category 4 - Structures	UNIT	QUANTITY	UNIT PRICE	AMOUNT
Category 5 - Paving					**TOTAL:**	**0.00**

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CONT. NO: 201207.15

QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

		BY	DATE
EST. PROJECT: Van Dusen Rd Concept	COMPUTED	CEI	16-Nov-23
TYPE: Major Qnty CLIENT: City of Laurel MD	CHECKED		

ITEM NO	CCN	ITEM DESCRIPTION Category 5 - Paving	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		GAP GRADED SURFACE - 2" DEPTH	TONS			0.00
		HMA SURFACE COURSE 9.5MM, PG 70-22 - 2" DEPTH RESURFACE	TONS	5,589	150.00	838,291.37
		HMA SURFACE COURSE 9.5MM, PG 70-22 - 2" DEPTH	TONS	16	150.00	2,434.24
		HMA INT. SURFACE COURSE 12.5MM, PG 70-22 - 2" DEPTH	TONS	16	164.00	2,661.43
		HMA BASE 25MM, PG 64-22 - 4.5" DEPTH STD. 100.04	TONS	36	150.00	5,445.00
		6 IN. GRADED AGGREGATE BASE STD. 100.04	SY	125	18.00	2,257.20
		5 IN. GRADED AGGREGATE BASE	SY			0.00
		4 IN. GRADED AGGREGATE BASE FOR SIDEWALK STD. 300.06	SY	2,373	9.00	21,359.00
		GRINDING EXISTING PAVEMENT - 0 IN. TO 2 IN.	SY	47,503	3.00	142,509.53
		PORTLAND CEMENT CONCRETE PAVEMENT (FOR DWYS)	SY			0.00
		PARTIAL DEPTH PATCHING	SY			0.00
		FULL DEPTH PATCHING	SY			0.00
		WEDGE AND LEVEL, HMA SURFACE MIX	TONS			0.00
		SAWCUT	LF	1,515	5.00	7,573.45
		PAVEMENT MARKING (LANE LINES)	LS	60,588	1.00	60,588.00
		PAVEMENT MARKING (CROSSWALKS) SHA Item	LF	2,644	25.00	66,100.00
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Category 5 - Paving					TOTAL:	1,149,219.22

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QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

			BY	DATE
EST.	PROJECT: Van Dusen Rd Concept	COMPUTED	CEI	16-Nov-23
TYPE: Major Qnty	CLIENT: City of Laurel MD	CHECKED		

ITEM NO	CCN	ITEM DESCRIPTION Category 6 - Shoulders	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		CONCRETE CURB AND GUTTER STD. 300.01	LF	876	48.00	42,048.00
		5 IN. CONCRETE SIDEWALK STD. 300.06	SF	21,359	7.00	149,513.00
		BRICK PAVERS	SF			0.00
		TYPE C W BEAM END TREATMENT	EA	22	3,175.00	69,850.00
		TRAFFIC BARRIER W BEAM END TREATMENT (DOUBLE FACE)	EA			0.00
		TRAFFIC BARRIER W BEAM STD. 400.04 MD 605.22	LF	3,580	25.00	89,500.00
		TRAFFIC BARRIER W BEAM DOUBLE FACE	LF			0.00
		MEDIAN W BEAM BARRIER ANCHORAGE AT STRUCTURE	EA			0.00
		SINGLE FACE F SHAPE CONCRETE BARRIER	LF			0.00
		DOUBLE FACE F SHAPE CONCRETE BARRIER	LF			0.00
		2 FT. MONOLITHIC CONCRETE MEDIAN	LF			0.00
		4 FT. MONOLITHIC CONCRETE MEDIAN	LF	210	120.00	25,200.00
		6 FT. MONOLITHIC CONCRETE MEDIAN	LF	480	150.00	72,000.00
		8 FT. MONOLITHIC CONCRETE MEDIAN	LF	615	150.00	92,250.00
		6 FT. CHAIN LINK FENCE	LF			0.00
		HAND RAIL	LF	81	175.00	14,175.00
		VARIABLE WIDTH CONCRETE MEDIAN	LF	250	150.00	37,500.00
		42 IN. F SHAPED CONCRETE MEDIAN BARRIER	LF			0.00
		TYPE K W BEAM END TREATMENT	EA			0.00
		GRAVEL/ STONE FOR DRIVES	SY			0.00
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Category 6 - Shoulders					**TOTAL:**	**592,036.00**

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QUANTITY & COST BREAKDOWN

SHEET 1 OF 1

	BY	DATE
COMPUTED	CEI	16-Nov-23
CHECKED		

EST. PROJECT: Van Dusen Rd Concept
TYPE: Major Qnty CLIENT: City of Laurel MD

ITEM NO	CCN	ITEM DESCRIPTION Category 7 - Landscaping	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		CATEGORY 7 (% OF CAT. 2, 4, 5, & 6)	%	1	274,400.00	274,400.00
		ROADWAY COORIDOR PLANTINGS	LF			0.00
		INTERCHANGE PLANTINGS/QUADRANT	EA			0.00
		ROUNDABOUT PLANTINGS	EA		50,000.00	0.00
		NOISE BARRIER PLANTINGS	LF			0.00
		VEGETATIVE SCREEN PLANTINGS	LF		20.00	0.00
		SWM FACILITY PLANTINGS	SF		1.00	0.00
		CHESAPEAKE BAY CRITICAL AREA PLANTINGS	SF		3.00	0.00
		MARYLAND REFORESTATION LAW COMPLIANCE PLANTINGS	AC		10,000.00	0.00
		FOREST CONSERVATION ACT COMPLIANCE PLANTINGS	AC		13,100.00	0.00
		HEADLIGHT GLARE CONTROL PLANTINGS	LF		10.00	0.00
		SNOW DRIFT CONTROL PLANTINGS	LF		10.00	0.00
		HARDSCAPE TREATMENTS	LF		30.00	0.00
		SPECIAL DESIGN CONSIDERATIONS & COMMITMENTS	LS			0.00
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Category 7 - Landscaping					**TOTAL:**	**274,400.00**

CONT. NO: 201207.15

SHEET 1 OF 1

QUANTITY & COST BREAKDOWN

	BY	DATE
COMPUTED	CEI	16-Nov-23
CHECKED		

EST. Van Dusen Rd Concept

TYPE: Major Qnty CLIENT: City of Laurel MD

ITEM NO	CCN	ITEM DESCRIPTION Category 8 - Signing & Lighting	UNIT	QUANTITY	UNIT PRICE	AMOUNT
		SIGNAL - T INTERSECTION FULLY ACTUATED-MAST ARM	EA	1	150,000.00	150,000.00
		SIGNAL - T INTERSECTION FULLY ACTUATED-STRAIN POLES	EA		135,000.00	0.00
		SIGNAL - 4 LEG INTERSECTION FULLY ACTUATED - MAST ARM	EA	2	250,000.00	500,000.00
		SIGNAL - 4 LEG INTERSECTION FULLY ACTUATED - STRAIN POLE	EA		235,000.00	0.00
		SIGNING	LS	2	17,600.00	29,920.00
		LIGHTING	LS			0.00
		UTILITY POLES	LS	1	195,000.00	195,000.00
		MISC ITEMS	LS	1	55,850.00	55,850.00
		APS/CPS (T-INTERSECTION)	EA	2	40,000.00	80,000.00
		APS/CPS (4-LEG INTERSECTION)	EA	2	60,000.00	120,000.00
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Category 8 - Signing & Lighting					**TOTAL:**	**1,130,770.00**