

I:\ProjectData\04623_DEL-61-4.71\Design\Roadway\Sheets\04623_GG001.dgn 104623_GG002 3/2/2021 12:06:12 PM kbowman

SHEET NUMBERS														PARTICIPATION			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
14-16	17-19	27	28	29	30	31	82	89	90	102	103	112	114	01/SAF/PV	02/STR/PV	03/STR/CV						
DRAINAGE																						
								6.0						1.1		4.9	602	20000	6.0	CY	CONCRETE MASONRY	
									735					735			605	13300	735	FT	6" UNCLASSIFIED PIPE UNDERDRAINS	
									3969					3158	811		605	14000	3969	FT	6" BASE PIPE UNDERDRAINS	
									105					40	65		611	00410	105	FT	4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET	
									10					10			611	01500	10	FT	6" CONDUIT, TYPE F	
50														50			611	01500	50	FT	6" CONDUIT, TYPE F, FOR DRAINAGE CONNECTION	
50														50			611	01800	50	FT	8" CONDUIT, TYPE B	
50														50			611	02500	50	FT	8" CONDUIT, TYPE E, FOR DRAINAGE CONNECTION	
50														50			611	03600	50	FT	10" CONDUIT, TYPE E	
								242						242			611	04400	242	FT	12" CONDUIT, TYPE B	
									32					32			611	04600	32	FT	12" CONDUIT, TYPE C	
50														50			611	04600	50	FT	12" CONDUIT, TYPE C, FOR DRAINAGE CONNECTION	
							332							332			611	04900	332	FT	12" CONDUIT, TYPE D, 706.01 OR 706.02	
							42							42			611	04900	42	FT	12" CONDUIT, TYPE D, 706.02	
50														50			611	05200	50	FT	12" CONDUIT, TYPE F	
								28						28			611	06100	28	FT	15" CONDUIT, TYPE C	
								136								136	611	20700	136	FT	48" CONDUIT, TYPE A, 706.02	
								92								92	611	53200	92	FT	48" X 76" CONDUIT, TYPE A, 706.04	
								4						4			611	98150	4	EACH	CATCH BASIN, NO. 3	
								5						5			611	98180	5	EACH	CATCH BASIN, NO. 3A	
									6					2	4		611	99710	6	EACH	PRECAST REINFORCED CONCRETE OUTLET	
PAVEMENT																						
					16									16			254	01000	16	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 3.0"	
				1742	765									2083	424		301	46000	2507	CY	ASPHALT CONCRETE BASE, PG64-22	
				1460	922		151							2240	293		304	20000	2533	CY	AGGREGATE BASE	
					11									11			304	20001	11	CY	AGGREGATE BASE, AS PER PLAN	16
				1137	507									1368	276		407	20000	1644	GAL	NON-TRACKING TACK COAT	
				238	107										345		441	10000	345	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	
				331	148									399	80		441	10200	479	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (446)	
							210							210			452	10010	210	SY	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
					900									900			452	12010	900	SY	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P	
				529	695									1224			516	13600	1224	SF	1" PREFORMED EXPANSION JOINT FILLER	
				2179	1210									3389			609	12000	3389	FT	COMBINATION CURB AND GUTTER, TYPE 2	
				1588	464									2052			609	24510	2052	FT	CURB, TYPE 4-C	
					811									811			609	26000	811	FT	CURB, TYPE 6	
					810									810			609	31000	810	FT	COMBINATION CURB AND GUTTER, TYPE 9	
				718	208									926			609	70000	926	SY	4" CONCRETE MEDIAN	
LIGHTING																						
												30		30			625	00450	30	EACH	CONNECTION, FUSED PULL APART	
												18		18			625	00480	18	EACH	CONNECTION, UNFUSED PERMANENT	
												10		10			625	10490	10	EACH	LIGHT POLE, CONVENTIONAL, AT12B40	
												10		10			625	14100	10	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
												708		708			625	23200	708	FT	NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE	
												1410		1410			625	23400	1410	FT	NO. 10 AWG POLE AND BRACKET CABLE	
												1058		1058			625	24320	1058	FT	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT CABLES	
												196		196			625	25902	196	FT	CONDUIT, JACKED OR DRILLED, 725.04, 3"	
												10		10			625	26253	10	EACH	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-II, LED, 15000-16300 LUMENS	111
												918		918			625	29002	918	FT	TRENCH, 24" DEEP	
												7		7			625	30700	7	EACH	PULL BOX, 725.08, 18"	
												10		10			625	32000	10	EACH	GROUND ROD	
												1		1			625	34001	1	EACH	POWER SERVICE, AS PER PLAN	111
												918		918			625	36010	918	FT	UNDERGROUND WARNING/MARKING TAPE	
												1		1			625	76000	1	EACH	ARC FLASH CALCULATIONS AND LABEL, HIGHWAY LIGHTING	

CALCULATED	KLM	CHECKED	XXX
GENERAL SUMMARY			
DEL-61-4.71			
25 125			

LOCATION									DESIGN						QUANTITIES							REMARKS			
S H E E T	R E F E R E N C E	C O U N T Y	R O U T E	S T A T E	S E C T I O N	B E S E L I N E	S T A T E	S I D E	TYPICAL SECTION	APRON			DRIVEWAY			203	203	204	304		452	611	611		
										LENGTH	AVG. WIDTH	AREA	LENGTH	AVG. WIDTH	AREA	EXCAVATION	EMBANKMENT	SUBGRADE COMPACTION	AVG. DEPTH	AGGREGATE BASE	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS CC IP	12" CONDUIT, TYPE D, 706.01 OR 706.02	12" CONDUIT, TYPE D, 706.02		
										FT	FT	SY	FT	FT	SY	CY	CY	SY	IN	CY	SY				
83	RD-1	WILSON	282+53.82		WL	52+05.61	LT							160	27	22									
83	RD-2	WILSON	283+39.09		WL	52+90.76	LT							163	27										
84	RD-3	DEL	656	1+84.06	0.035	ER	90+41.12	RT						99	17										
83	D-1	WILSON	281+60.68		WL	51+12.34	LT	D1	6	90.0	60	162	10.7	193			253	8.0	43	60		42		5239 WILSON RD	
83	D-2	WILSON	283+39.09		WL	52+90.76	LT	D1	6	105.6	71	88	12.3	120			191	8.0	27	71	40			5261 WILSON RD	
84	D-3	DEL	656	2+26.58	0.043	ER	90+83.24	RT	D1	6	118.5	79	60	9.2	61			140	8.0	14	79	42			5246 SR 656
84	D-4	DEL	61	238+54.97	4.518	NR	32+24.44	RT	D2			30	44.7	149			149	6.0	25		85			SR 61 SOUTHERN FIELD DRIVE	
85	D-5	DEL	61	240+03.53	4.546	NL	43+67.33	RT	D2			30	37.5	125			125	6.0	21		80			SR 61 NORTHEASTERN FIELD DRIVE	
85	D-6	DEL	61	240+25.13	4.550	NL	43+88.97	RT	D2			30	38.4	128			128	6.0	21		85			SR 61 NORTHWESTERN FIELD DRIVE	
TOTALS CARRIED TO GENERAL SUMMARY														71	22	986		151	210	332	42				