SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
12	59		60	61	62		104			CALCS	01/NHS/04	02/S>2/28	03/SAF/21						
																		ROADWAY	
											LS			201	11000	LS		CLEARING AND GRUBBING	
										18,906	18,906			202	23000	18,906	SY	PAVEMENT REMOVED	
			359								359			202	30000	359	SF	WALK REMOVED	
	222										222			202	30800	222	SY	TRAFFIC ISLAND REMOVED	
	3,112		79								3,191			202	32000	3,191	FT	CURB REMOVED	
	7			32							39			202	32800	39	SY	CONCRETE SLOPE PROTECTION REMOVED	
	1,000			75							1,075			202	35100	1,075	FT	PIPE REMOVED, 24" AND UNDER	
				20							20			202	35200	20	FT	PIPE REMOVED, OVER 24"	
	2,563										2,563			202	38000	2,563	FT	GUARDRAIL REMOVED	
				1							1			202	58000	1	EACH	MANHOLE REMOVED	
	9			2							11			202	58100	11	EACH	CATCH BASIN REMOVED	
2											2			202	98100	2	EACH	REMOVAL MISC.: INSPECTION WELL	12
50											50			202	98200	50	FT	REMOVAL MISC.: CONDUIT	12
							4,218				4,218			203	10000	4,218	CY	EXCAVATION	
							4,404				4,404			203	20000	4,404	CY	EMBANKMENT	
15											15			203	20001	15	CY	EMBANKMENT, AS PER PLAN	12
			1,388							16,833	18,221			204	10000	18,221	SY	SUBGRADE COMPACTION	
										3,501	3,501			204	13000	3,501	CY	EXCAVATION OF SUBGRADE	
										3,501	3,501			204	30020	3,501	CY	GRANULAR MATERIAL, TYPE C	
										10	10			204	45000	10	HOUR	PROOF ROLLING	
										10,470	10,470			204	51000	10,470	SY	GEOGRID	
			1,763								1,763			606	15050	1,763	FT	GUARDRAIL, TYPE MGS	
			3								3			606	26150	3	EACH	ANCHOR ASSEMBLY, MGS TYPE E	
			2								2			606	26550	2	EACH	ANCHOR ASSEMBLY, MGS TYPE T	
			556									556		607	98000	556	FT	FENCE, MISC.: WOOD FENCE	13
			2,640		549							3,189		608	10001	3,189	SF	4" CONCRETE WALK, AS PER PLAN	12
			1,768		61							1,829		608	52001	1,829	SF	CURB RAMP, AS PER PLAN	13
											7			623	38500	7	EACH	MONUMENT ASSEMBLY, TYPE C 4	
											LS			878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
																		EROSION CONTROL	
				53							53			601	21060	53	SY	TIED CONCRETE BLOCK MAT WITH TYPE 2 UNDERLAYMENT	
				2.66							2.66			601	32204	2.66	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	
1,465											1,465			659	00300	1,465	CY	TOPSOIL	
13,160											13,160			659	00500	13,160	SY	SEEDING AND MULCHING, CLASS 1	
660											660			659	14000	660	SY	REPAIR SEEDING AND MULCHING	
660											660			659	15000	660	SY	INTER-SEEDING	
1.8											1.8			659	20000	1.8	TON	COMMERCIAL FERTILIZER	
2.72											2.72			659	31000	2.72	ACRE	LIME	
71											71			659	35000	71	MGAL	WATER	
			2,114								2,114			670	00500	2,114	SY	SLOPE EROSION PROTECTION	
											LS			832	15000	LS		STORM WATER POLLUTION PREVENTION PLAN	
											LS			832	15002	LS		STORM WATER POLLUTION PREVENTION INSPECTIONS	
											LS			832	15010	LS		STORM WATER POLLUTION PREVENTION INSPECTION SOFTWARE	
											50,000			832	30000	50,000	EACH	EROSION CONTROL	
																		DRAINAGE	
				15.67							15.67			602	20000	15.67	CY	CONCRETE MASONRY	
				2,749							2,749			605	11100	2,749	FT	6" SHALLOW PIPE UNDERDRAINS	
				392							392			605	14000	392	FT	6" BASE PIPE UNDERDRAINS	
				260							260			611	00510	260	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
				1,839							1,839			611	04400	1,839	FT	12" CONDUIT, TYPE B	
				144							144			611	04600	144	FT	12" CONDUIT, TYPE C	

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MOT-WOODMAN DR RECONSTRUCTION

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SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
12	13	59	60	61	68	145				CALCS	01/NHS/04	02/S>2/28	03/SAF/21						
																		DRAINAGE	
				174							174			611	04900	174	FT	12" CONDUIT, TYPE D	
				100							100			611	05200	100	FT	12" CONDUIT, TYPE F	
				53							53			611	06100	53	FT	15" CONDUIT, TYPE C	
				36							36			611	10600	36	FT	24" CONDUIT, TYPE C	
				16							16			611	13400	16	FT	30" CONDUIT, TYPE B	
50											50			611	97400	50	FT	CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE	12
50											50			611	97400	50	FT	CONDUIT, MISC.: TYPE E FOR DRAINAGE DISCHARGE	12
50											50			611	97400	50	FT	CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE	12
				1							1			611	98150	1	EACH	CATCH BASIN, NO. 3	
				20							20			611	98180	20	EACH	CATCH BASIN, NO. 3A	
				1							1			611	98370	1	EACH	CATCH BASIN, NO. 6	
				1							1			611	98371	1	EACH	CATCH BASIN, NO. 6, AS PER PLAN	12
				2							2			611	98450	2	EACH	CATCH BASIN, NO. 2-2A	
				2							2			611	98470	2	EACH	CATCH BASIN, NO. 2-2B	
				1							1			611	98540	1	EACH	CATCH BASIN, NO. 2-4	
				2							2			611	99574	2	EACH	MANHOLE, NO. 3	
				1							1			611	99580	1	EACH	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR	
		1									1			611	99654	1	EACH	MANHOLE ADJUSTED TO GRADE	
2											2			611	99720	2	EACH	INSPECTION WELL	
				1							1			895	10010	1	EACH	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1	
																		PAVEMENT	
										1,979	1,979			254	01000	1,979	SY	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" THICK)	
										2,336	2,336			301	56000	2,336	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
			308							2,809	3,123			304	20000	3,123	CY	AGGREGATE BASE	
			76							1,974	2,050			407	20000	2,050	GAL	NON-TRACKING TACK COAT	
			39									39		441	70000	39	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG64-22 (PATH)	
			85									85		441	70300	85	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449) (PATH)	
			7									7		441	70500	7	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (DRIVEWAYS)	
			10									10		441	70700	10	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449), (DRIVEWAYS)	
										719	719			442	20000	719	CY	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448)	
										950	950			442	20200	950	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (448)	
			145									145		452	13011	145	SY	9" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, AS PER PLAN	12
			4,022								4,022			609	12001	4,022	FT	COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN	12
			1,948								1,948			609	26001	1,948	FT	CURB, TYPE 6, AS PER PLAN	12
			42								42			609	54001	42	SY	6" CONCRETE TRAFFIC ISLAND, AS PER PLAN	12
										1,120	1,120			SPECIAL	69012150	1,120	GAL	ASPHALT REJUVENATING AGENT	13
	LS										LS			SPECIAL	69012160	LS		TESTING	13
																		WATER WORK	
		1									1			638	10800	1	EACH	VALVE BOX ADJUSTED TO GRADE	
																		SANITARY SEWER	
		4										4		611	99655	4	EACH	MANHOLE ADJUSTED TO GRADE, AS PER PLAN (SANITARY)	13
																		LIGHTING	
						40						40		611	00400	40	FT	4" CONDUIT, TYPE E (LIGHTING)	
					58							58		625	00450	58	EACH	CONNECTION, FUSED PULL APART	
					6							6		625	00480	6	EACH	CONNECTION, UNFUSED PERMANENT	
					29							29		625	10491	29	EACH	LIGHT POLE, CONVENTIONAL, AS PER PLAN, MONARM LIGHT POLE (AT12B32.5)	145
					29							29		625	14000	29	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
					12,483							12,483		625	23304	12,483	FT	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	
					4,872							4,872		625	23410	4,872	FT	NO. 12 AWG POLE AND BRACKET CABLE	
					1,980							1,980		625	25408	1,980	FT	CONDUIT, 2", 725.051 (LIGHTING)	
					41							41		625	25504	41	FT	CONDUIT, 3", 725.051 (LIGHTING)	

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SHEET NUM.											PART.			ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
60		63	64	65	66	68		137		CALCS	01/NHS/04	02/S>2/28	03/SAF/21						
																		LIGHTING	
						1,506						1,506		625	25909	1,506	FT	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 2"	145
						105						105		625	25909	105	FT	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 3"	145
						29						29		625	27551	29	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (STERNBERG)	145
						2,021						2,021		625	29000	2,021	FT	TRENCH	
						2						2		625	30700	2	EACH	PULL BOX, 725.08, 18"	
						30						30		625	32000	30	EACH	GROUND ROD	
						1						1		625	34001	1	EACH	POWER SERVICE, AS PER PLAN	145
						2,021						2,021		625	36010	2,021	FT	UNDERGROUND WARNING/MARKING TAPE	
						30						30		632	69320	30	FT	POWER CABLE, 3 CONDUCTOR, NO. 2 AWG	
																		TRAFFIC CONTROL	
26											26			626	00110	26	EACH	BARRIER REFLECTOR, TYPE 2 (BIDIRECTIONAL)	
				325							325			630	03100	325	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
				1							1			630	08600	1	EACH	SIGN POST REFLECTOR	
				10									10	630	79101	10	EACH	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	138
				1									1	630	79501	1	EACH	SIGN SUPPORT ASSEMBLY, POLE MOUNTED, AS PER PLAN	138
				160							160			630	80100	160	SF	SIGN, FLAT SHEET	
				45									45	630	80101	45	SF	SIGN, FLAT SHEET, AS PER PLAN	138
				2							2			630	80501	2	EACH	SIGN, DOUBLE FACED, STREET NAME, AS PER PLAN	138
				4									4	630	80511	4	EACH	SIGN, STREET NAME, AS PER PLAN	138
				14							14			630	84900	14	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
				3							3			630	85100	3	EACH	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	
				12							12			630	86002	12	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	
				7							7			630	87500	7	EACH	REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL	
				1							1			630	87520	1	EACH	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	
		1.08									1.08			644	00104	1.08	MILE	EDGE LINE, 6"	
			1.17								1.17			644	00204	1.17	MILE	LANE LINE, 6"	
		0.11									0.11			644	00300	0.11	MILE	CENTER LINE	
		2,455									2,455			644	00400	2,455	FT	CHANNELIZING LINE, 8"	
			180								180			644	00500	180	FT	STOP LINE	
			732									732		644	00630	732	FT	CROSSWALK LINE, 24"	
			302								302			644	00700	302	FT	TRANSVERSE/DIAGONAL LINE	
		146									146			644	00720	146	FT	CHEVRON MARKING	
		105									105			644	00900	105	SF	ISLAND MARKING	
			1								1			644	01100	1	EACH	SCHOOL SYMBOL MARKING, 72"	
		20	9								29			644	01300	29	EACH	LANE ARROW	
																		TRAFFIC SIGNALS	
								100					100	611	00400	100	FT	4" CONDUIT, TYPE E (TRAFFIC SIGNALS)	
					1								1	625	14000	1	EACH	LIGHT POLE FOUNDATION, 24" X 6' DEEP	
					4								4	625	18001	4	EACH	BRACKET ARM, 10', AS PER PLAN	137
					110								110	625	25408	110	FT	CONDUIT, 2", 725.051	
					69								69	625	25504	69	FT	CONDUIT, 3", 725.051	
					35								35	625	25604	35	FT	CONDUIT, 4", 725.051	
					338								338	625	25909	338	FT	CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, 4"	138
					4								4	625	27551	4	EACH	LUMINAIRE, DECORATIVE, AS PER PLAN (STERNBERG) (SIGNAL)	138
					206								206	625	29000	206	FT	TRENCH (SIGNAL)	
					2								2	625	30700	2	EACH	PULL BOX, 725.08, 18" (SIGNAL)	
					3								3	625	30706	3	EACH	PULL BOX, 725.08, 24"	
					10								10	625	32000	10	EACH	GROUND ROD (SIGNAL)	
					206								206	625	36010	206	FT	UNDERGROUND WARNING/MARKING TAPE (SIGNAL)	
					12								12	632	05007	12	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY,	138
																		POLYCARBONATE, AS PER PLAN, BLACK	
					2								2	632	05065	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS, 1-WAY,	138
																		POLYCARBONATE, AS PER PLAN, BLACK	
					8								8	632	20731	8	EACH	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	138
					8								8	632	20751	8	EACH	ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN	138

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