

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.
3	4	5	9	17	19	20					03/S>2/06	EXT	TOTAL				
<b>ROADWAY</b>																	
LS											LS	201	11000	LS		CLEARING AND GRUBBING	
			1								1	202	20010	1	EACH	HEADWALL REMOVED	
			38								38	202	35100	38	FT	PIPE REMOVED, 24" AND UNDER	
			212.5								212.5	202	38000	212.5	FT	GUARDRAIL REMOVED	
			187								187	203	10000	187	CY	EXCAVATION	
			88								88	203	20000	88	CY	EMBANKMENT	
			511								511	204	10000	511	SY	SUBGRADE COMPACTION	
1											1	204	45000	1	HOUR	PROOF ROLLING	
			162.5								162.5	606	15150	162.5	FT	GUARDRAIL, TYPE MGS HALF POST SPACING	
			50								50	606	15200	50	FT	GUARDRAIL, TYPE MGS HALF POST SPACING WITH LONG POSTS	
											LS	878	25000	LS		INSPECTION AND COMPACTION TESTING OF UNBOUND MATERIALS	
<b>EROSION CONTROL</b>																	
			2								2	601	21050	2	SY	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	
			2								2	601	32200	2	CY	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	
			2								2	659	00100	2	EACH	SOIL ANALYSIS TEST	
			44								44	659	00300	44	CY	TOPSOIL	
			389								389	659	10000	389	SY	SEEDING AND MULCHING	
			0.06								0.06	659	20000	0.06	TON	COMMERCIAL FERTILIZER	
			0.08								0.08	659	31000	0.08	ACRE	LIME	
			3								3	659	35000	3	MGAL	WATER	
5,000											5,000	832	30000	5,000	EACH	EROSION CONTROL	
<b>DRAINAGE</b>																	
			0.31								0.31	602	20000	0.31	CY	CONCRETE MASONRY	
			212								212	605	14000	212	FT	6" BASE PIPE UNDERDRAINS	
			10								10	611	00510	10	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	
			38								38	611	07400	38	FT	18" CONDUIT, TYPE B, 706.02	
			1								1	611	99710	1	EACH	PRECAST REINFORCED CONCRETE OUTLET	
<b>PAVEMENT</b>																	
			81								81	301	56000	81	CY	ASPHALT CONCRETE BASE, PG64-22, (449)	
			83								83	304	20000	83	CY	AGGREGATE BASE	
			53								53	407	10000	53	GAL	TACK COAT	
			40								40	442	20180	40	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYPE B (448)	
<b>TRAFFIC CONTROL</b>																	
			3								3	626	00110	3	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL	
<b>RETAINING WALLS</b>																	
						1,032					1,032	507	00400	1,032	FT	STEEL PILES, MISC.: SOLDIER PILES W27x84	17
						93					93	511	81300	93	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 1	17
						27					27	511	81300	27	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 2	17
						7					7	511	81300	7	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 3	17
						2					2	511	81300	2	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 4	17
						4					4	511	81300	4	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 5	17
						1					1	511	81300	1	EACH	CONCRETE, MISC.: PRECAST CONCRETE PANEL 6	17
					284						284	518	21101	284	CY	POROUS BACKFILL, AS PER PLAN	17
						442					442	524	94703	442	FT	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK, AS PER PLAN	17
						310					310	524	94705	310	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN	17
				1,608							1,608	SPECIAL	53051020	1,608	SF	RETAINING WALL, TIMBER LAGGING (OPTIONAL)	17
<b>MAINTENANCE OF TRAFFIC</b>																	
			640								640	614	11630	640	FT	INCREASED BARRIER DELINEATION	
			2								2	614	12384	2	EACH	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	4
			13								13	614	13360	13	EACH	OBJECT MARKER, TWO WAY	
			0.31								0.31	614	21100	0.31	MILE	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	
			0.62								0.62	614	22110	0.62	MILE	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	
			23								23	614	26200	23	FT	WORK ZONE STOP LINE, CLASS I, 642 PAINT	
1											1	616	10000	1	MGAL	WATER	
			640								640	622	41100	640	FT	PORTABLE BARRIER, UNANCHORED	

DESIGN AGENCY  
  
**Stantec**  
 10200 Alliance Road,  
 Suite 300  
 Cincinnati, OH 45242  
 (513) 842-9200  
 DESIGNER  
**ZTM**  
 REVIEWER  
**PJD 11-10-23**  
 PROJECT ID  
**102544**  
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**P.7 24**

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	LS										LS	614	11000	LS		INCIDENTALS	
											LS	623	10000	LS		MAINTAINING TRAFFIC	
											LS	624	10000	LS		CONSTRUCTION LAYOUT STAKES AND SURVEYING	
																MOBILIZATION	

GENERAL SUMMARY

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