

J:\20190040\000T\FRA\08702\Design\Roadway\Sheets\Etna\08702_GG01.dgn 5/4/2021 12:31:20 PM REJY

SHEET NUM.											PART.	ITEM	ITEM	GRAND	UNIT	DESCRIPTION	SEE SHEET NO.	CALCULATED	RSH	CHECKED	MJR
3	8	12	17	14							01/NFA/BR	EXT	TOTAL								
ROADWAY																					
											LUMP	201	11000	LS		CLEARING AND GRUBBING					
	14										14	202	23000	14	SY	PAVEMENT REMOVED					
	10										10	202	35200	10	FT	PIPE REMOVED, OVER 24"					
	100										100	202	38000	100	FT	GUARDRAIL REMOVED					
		98									98	203	10000	98	CY	EXCAVATION					
											24	203	20000	24	CY	EMBANKMENT					
	477										477	204	10000	477	SY	SUBGRADE COMPACTION					
45											45	204	13000	45	CY	EXCAVATION OF SUBGRADE					
45											45	204	30010	45	CY	GRANULAR MATERIAL, TYPE B					
1											1	204	45000	1	HOUR	PROOF ROLLING					
67											67	204	50000	67	SY	GEOTEXTILE FABRIC					
	2										2	606	25000	2	EACH	ANCHOR ASSEMBLY, TYPE A					
	2										2	606	35002	2	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE I					
	596										596	608	10000	596	SF	4" CONCRETE WALK					
	134										134	609	26000	134	FT	CURB, TYPE 6					
EROSION CONTROL																					
2											2	659	00100	2	EACH	SOIL ANALYSIS TEST					
69											69	659	00300	69	CY	TOPSOIL					
622											622	659	10000	622	SY	SEEDING AND MULCHING					
31											31	659	14000	31	SY	REPAIR SEEDING AND MULCHING					
0.08											0.08	659	20000	0.08	TON	COMMERCIAL FERTILIZER					
0.13											0.13	659	31000	0.13	ACRE	LIME					
3											3	659	35000	3	MGAL	WATER					
											1,000	832	30000	1,000	EACH	EROSION CONTROL					
DRAINAGE																					
											LUMP	602	98000	LS		MASONRY, MISC.:CUSTOM FULL HEIGHT HEADWALL				17	
	21										21	611	04400	21	FT	12" CONDUIT, TYPE B					
	40										40	611	19400	40	FT	42" CONDUIT, TYPE B, 706.02					
	12										12	611	19600	12	FT	42" CONDUIT, TYPE C, 706.02					
	1										1	611	98180	1	EACH	CATCH BASIN, NO. 3A					
	1										1	611	99575	1	EACH	MANHOLE, NO. 3, AS PER PLAN				3	
	2										2	611	99654	2	EACH	MANHOLE ADJUSTED TO GRADE					
PAVEMENT																					
	27										27	301	46000	27	CY	ASPHALT CONCRETE BASE, PG64-22					
	73										73	304	20000	73	CY	AGGREGATE BASE					
	32										32	407	20000	32	GAL	NON-TRACKING TACK COAT					
	26										26	441	10000	26	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22					
WATER WORK																					
				2							2	638	08500	2	EACH	8" INSERTING VALVE AND VALVE BOX (COLUMBUS 802)					
				173							173	SPECIAL	63820080	173	FT	8" WATER MAIN DIP CLASS 52 MECHANICAL JOINTS AND FITTINGS (COLUMBUS 801)				14	
				9							9	SPECIAL	69098700	9	CY	SPECIAL - MISC.: CONCRETE BACKING, INCREASE OR DECREASE (COLUMBUS 801)				14	
				21							21	SPECIAL	69098700	21	CY	SPECIAL - MISC.: INCREASE OR DECREASE IN EXCAVATION AND BACKFILL (COLUMBUS 811)				14	
				600							600	SPECIAL	69099400	600	LB	SPECIAL - MISC.: DUCTILE IRON FITTING, INCREASE OR DECREASE (COLUMBUS 801)				14	
STRUCTURE OVER 20 FOOT SPAN (FRA-MI555-00200)																					
											LUMP	202	11003	LS		STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN				22	
											81	202	23501	81	SY	WEARING COURSE REMOVED, AS PER PLAN				22	
											LUMP	503	11100	LS		COFFERDAMS AND EXCAVATION BRACING					
											LUMP	503	21300	LS		UNCLASSIFIED EXCAVATION					
											LUMP	505	11100	LS		PILE DRIVING EQUIPMENT MOBILIZATION					
											1,000	507	00600	1,000	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, DRIVEN					
											1,100	507	00650	1,100	FT	14" CAST-IN-PLACE REINFORCED CONCRETE PILES, FURNISHED					
											32,337	509	10000	32,337	LB	EPOXY COATED REINFORCING STEEL					
											113	511	32210	113	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE					
											101	511	43510	101	CY	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING					
											334	511	71200	334	SF	CONCRETE, MISC.:FORM LINER				22	
											233	512	10050	233	SY	SEALING OF CONCRETE SURFACES (NON-EPOXY)					
											58	516	13200	58	SF	1/2" PREFORMED EXPANSION JOINT FILLER					
											110	516	13600	110	SF	1" PREFORMED EXPANSION JOINT FILLER					

GENERAL SUMMARY

FRA-ETNA ST / ELBERN AVE