SHEET NUM.													PART.	ITEM	ITEM EXT	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
3	8	12	17	14									01/NFA/BR						
																		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											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 1	
	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										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-M1555-00200)	
													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	

CALCULATED RSH
CHECKED MJR

GENERAL SUMMARY

FRA-ETNA ST/
ELBERN AVE

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