

MUSKINGUM COUNTY
TOWNSHIP ROAD 607

SUMMARY OF QUANTITIES

SHEET NUMBER										ITEM	TOTAL QUANTITY	UNIT	DESCRIPTION
8	9	10				15	16						ROADWAY
	17									E-12	17	Lin. Ft.	8 inch Pipe Removed
21	12									E-12	33	Lin. Ft.	12 inch Pipe Removed
		30								E-12	30	Lin. Ft.	15 inch Pipe Removed
	17									E-12	17	Lin. Ft.	24 inch Pipe Removed
						12				I-8	12	Each	Monument Assemblies
388	1837	1119								I-15	3344	Lin. Ft.	Guard Rail
	78									Special	78	Lin. Ft.	6 inch Pipe for Encasement
	98									Special	98	Lin. Ft.	12 inch Pipe for Encasement
Lump	Lump	Lump								Special	Lump	Lump	Relocating Existing Telephone Lines
										Special	Lump	Lump	Gas Lines Removed, Relocated or Adjusted
													DRAINAGE
						25				E-2	25	Cu. Yds.	Excavation for Structures, Unclassified
						100				E-3	100	Cu. Yds.	Channel Excavation
										I-1	36	Lin. Ft.	12 inch Pipe for Driveways
76	44									I-1	120	Lin. Ft.	18 inch Pipe for Driveways
	92									I-1	92	Lin. Ft.	24 inch Pipe for Driveways
						14				I-10	14	Cu. Yds.	Dumped Rock Channel Protection
						938				S-1	9.38	Cu. Yds.	Concrete for Structures
										S-24	Lump	Lump	Removal of Existing Structure
										S-28	102	Lin. Ft.	84 inch Sectional Corrugated Metal Structure
						102							
													PAVEMENT
2238	39.12	8.04								* I-18	69.54	Cu. Yds	Stabilized Crushed Aggregate For Surface Course and Approaches
										* Carried to Pavement Calculations			

GENERAL SUMMARY

ITEM	TOTAL QUANTITY	UNIT	DESCRIPTION
			ROADWAY
E-1	2,099	Cu. Yds.	Roadway Excavation, Method "A", Unclassified
E-1	17,964	Cu. Yds.	Roadway Embankment, Method "A"
E-9	Lump	Lump	Removal of Trees
E-11	95.80	M-Gallons	Water
E-12	80	Lin. Ft.	Pipe Removed, 15 inch and under
E-12	17	Lin. Ft.	Pipe Removed, over 15 inch
I-8	12	Each	Monument Assemblies
I-15	3344	Lin. Ft.	Guard Rail
L-9	14,622	Sq. Yds.	Seeding and Protecting
L-9	1.32	Tons	Commercial Fertilizer
L-9	6.60	Tons	Agricultural Liming Materials
Special	78	Lin. Ft.	6 inch Pipe for Encasement
Special	98	Lin. Ft.	12 inch Pipe for Encasement
Special	Lump	Lump	Relocating Existing Telephone Line
Special	Lump	Lump	Gas Lines Removed, Relocated, or Adjusted
Special	Lump	Lump	Maintaining Traffic
			DRAINAGE
E-2	25	Cu. Yds.	Excavation for Structures, Unclassified
E-3	100	Cu. Yds.	Channel Excavation
I-1	36	Lin. Ft.	12 inch Pipe for Driveways
I-1	120	Lin. Ft.	18 inch Pipe for Driveways
I-1	92	Lin. Ft.	24 inch Pipe for Driveways
I-10	14	Cu. Yds.	Dumped Rock Channel Protection
S-1	9.38	Cu. Yds.	Concrete for Structures
S-24	Lump	Lump	Removal of Existing Structure
S-28	102	Lin. Ft.	84 inch Sectional Corrugated Metal Structure
			PAVEMENT
I-18	747.33	Cu. Yds.	Stabilized Crushed Aggregate For Surface Course and Approaches

EXCAVATION & EMBANKMENT

Sheet Number	Station To Station	E-1 Excavation Cu. Yds.	E-1 Embankment Cu. Yds.
11	14+75 to 37+75	2,099	17,964
	TOTAL	2,099	17,964

ITEM E-11 WATER

For Item	Calculations	E-11 Water M-Gallons
E-1	17,964 Cu. Yds. @ 5 gallons per cu. yd.	89.82
I-18	747.33 Cu. Yds. @ 8 gallons per cu. yd.	5.98
	TOTAL	95.80

EROSION PROTECTION

Sheet Number	Station To Station	L-9 Seeding & Protecting Sq. Yds.	L-9 Commercial Fertilizer Tons	L-9 Agricultural Liming Materials Tons
11	14+75 to 37+75	14,622	1.32	6.60
	TOTAL	14,622	1.32	6.60

ITEM E-9 REMOVAL OF TREES

Station to Station	E-9 Lump
14+75 to 37+75	Lump
TOTAL	LUMP

PAVEMENT CALCULATIONS

Station to Station	Calculations	ITEM I-18 Stabilized Crushed Aggregate for Shoulders and Approaches 6" Cu. Yds.
14+75 to 15+25	14 x 50.00 x 0.5 ÷ 27	12.97
15+25 to 37+25	16 x 2200 x 0.5 ÷ 27	651.85
37+25 to 37+75	14 x 50.00 x 0.5 ÷ 27	12.97
Carried from Summary of Quantities		69.54
TOTAL		747.33

3/23/62	AS CONSTRUCTED	H.F.K.
REVISION	DATE	DESCRIPTION
U. S. ARMY ENGINEER DISTRICT HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.		
DRAWN BY: H12		
TRACED BY:		
CHECKED BY: [Signature]		
SUBMITTED BY: [Signature]		
ELMER S. BARRETT ASSOCIATES		
RECOMMENDED: [Signature]		
CHIEF ENG. DIV.		
APPROVED: [Signature]		
DATE: AUGUST 1959		
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		
SCALE: SPEC. NO.		
DRAWING NUMBER 0 27f-UD9-68/7		
SHEET 7 of 16		