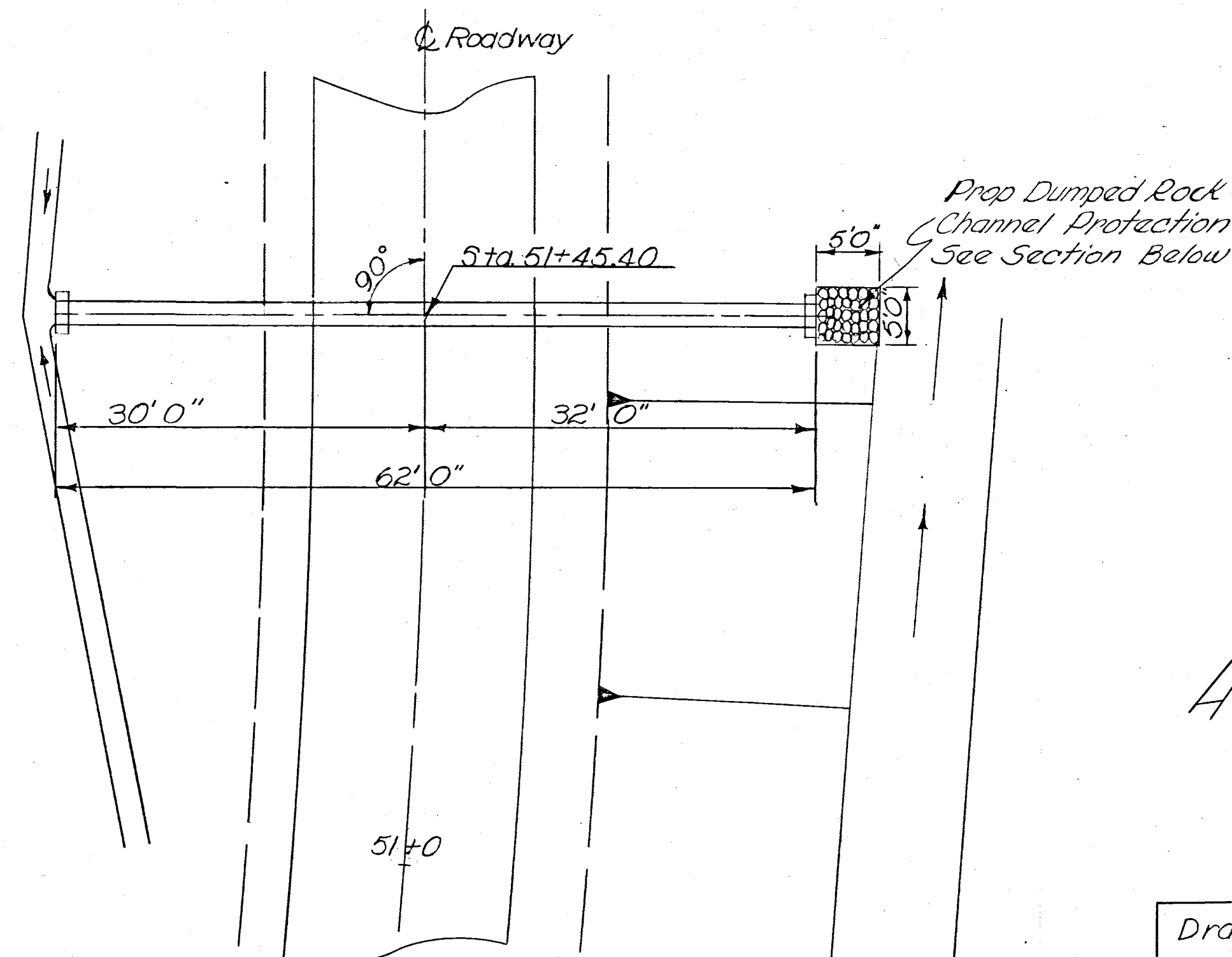
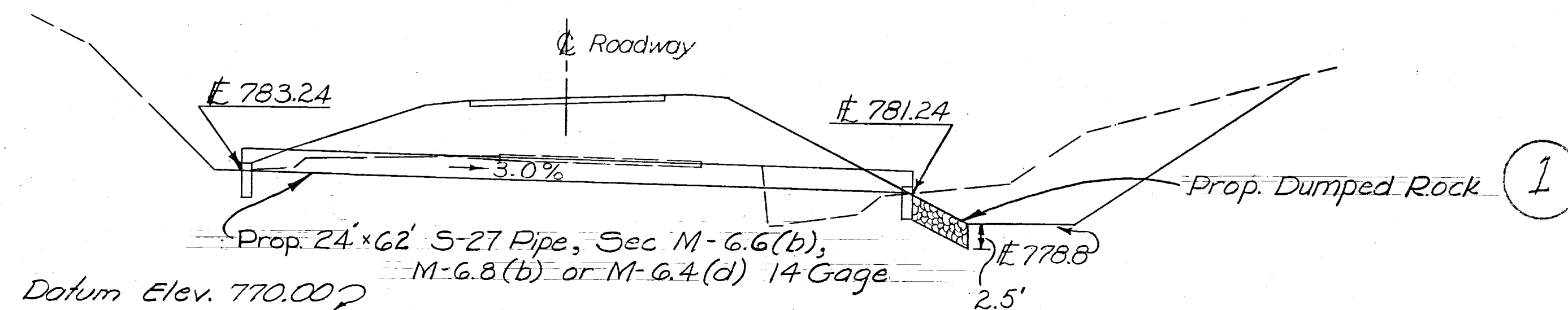


MUSKINGUM COUNTY
TOWNSHIP ROAD NO. 409

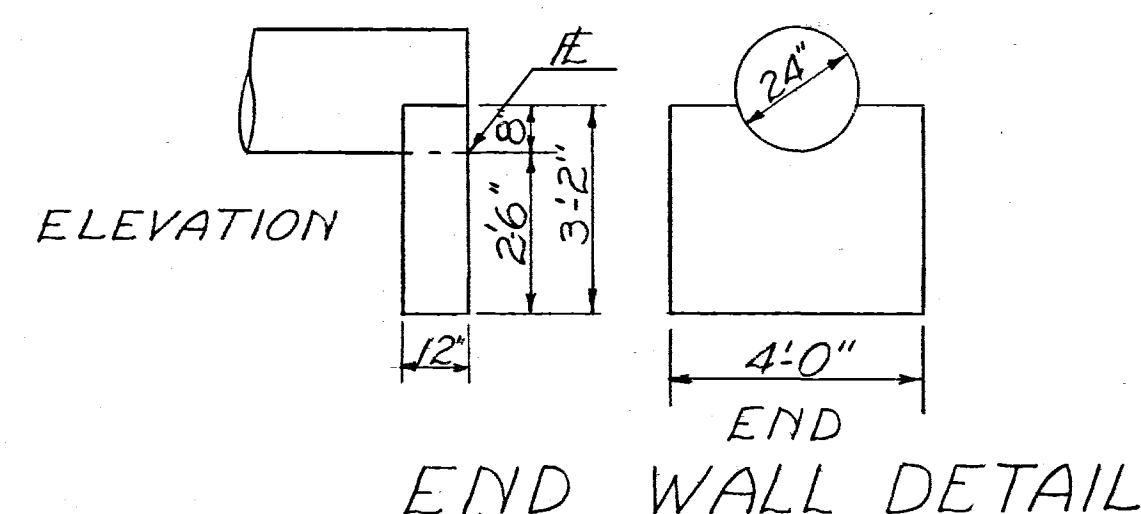


Drainage Area = 12.3 Ac.
Q₁₀ = 21.0 c.f.s.

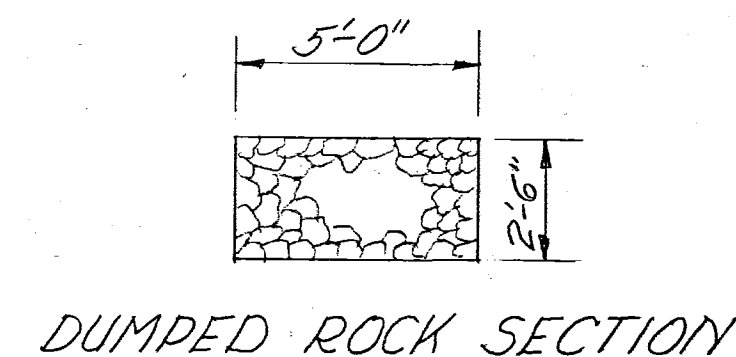
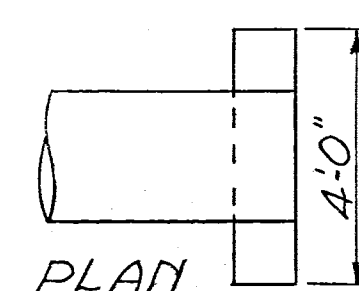
PLAN



SECTION



END WALL DETAIL

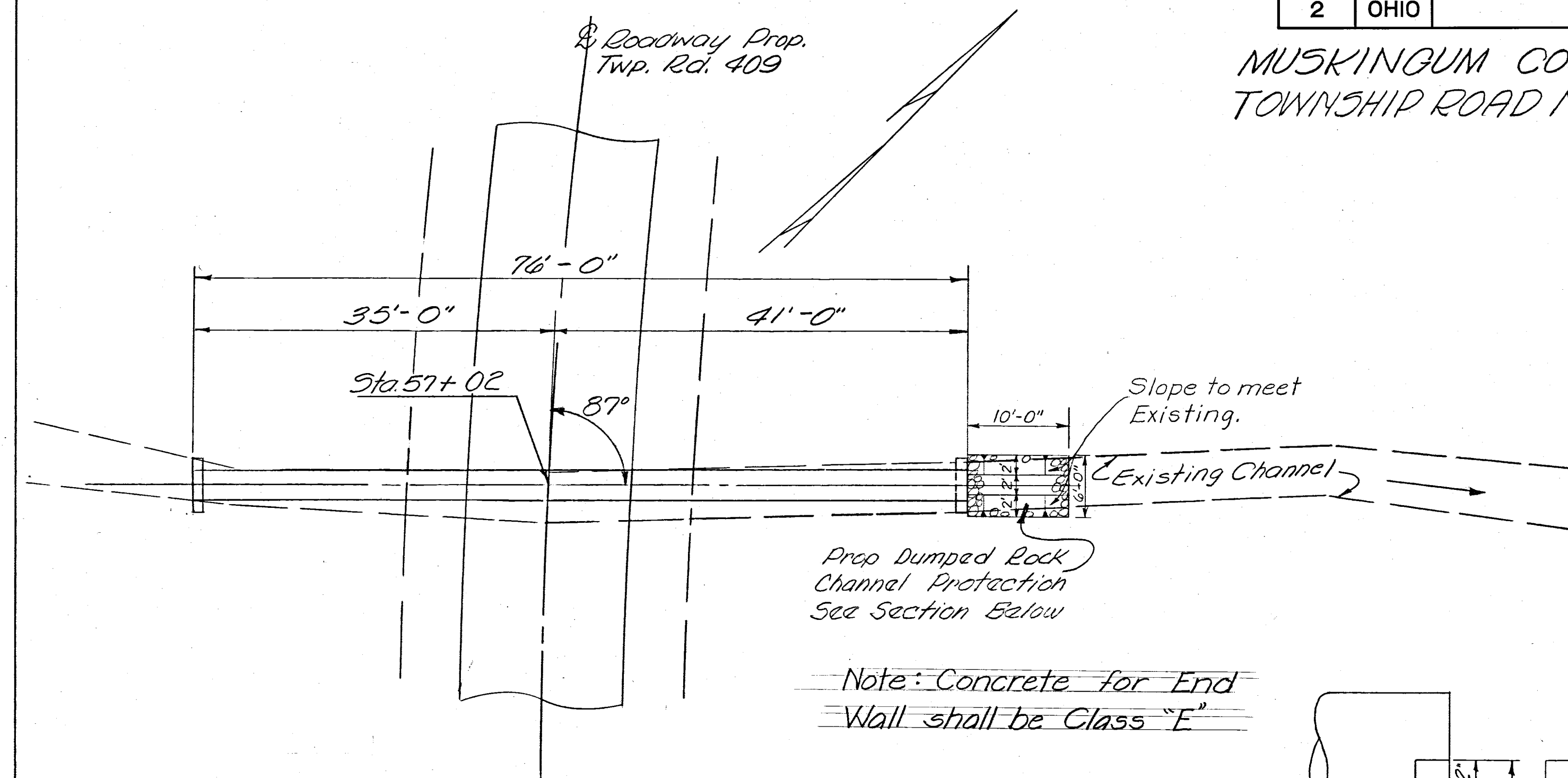


DUMPED ROCK SECTION

ESTIMATED QUANTITIES

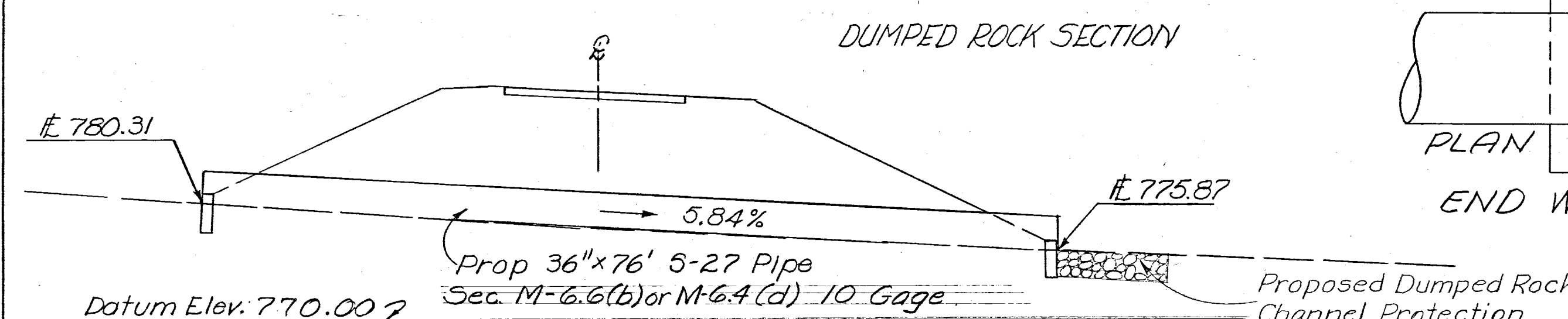
E-2	Excavation for Structures, Unclassified	17 Cu. Yd.
I-10	Dumped Rock Channel Protection	3 Cu. Yd.
S-1	Concrete for Structures	0.82 Cu. Yd.
S-27	24 Inch Pipe for Roadway Culvert	62 Lin. Ft.

Note: Concrete for End Wall shall be Class "E"



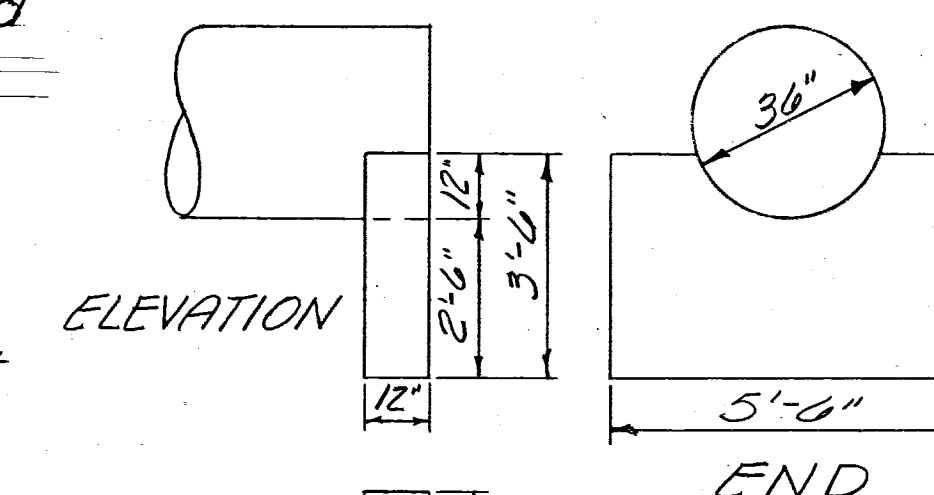
Note: Concrete for End Wall shall be Class "E"

PLAN

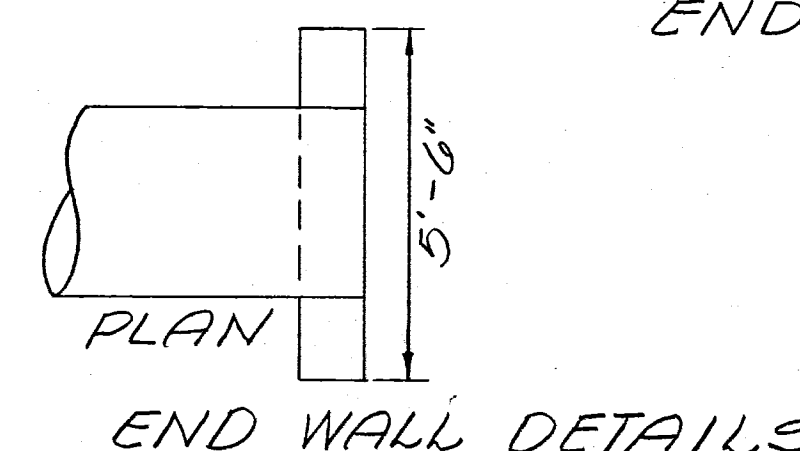


SECTION

DUMPED ROCK SECTION



ELEVATION



END WALL DETAILS

ESTIMATED QUANTITIES

E-2	Excavation for Structures, Unclassified	11 Cu. Yd.
S-1	Concrete for Structures	1.18 Cu. Yd.
S-27	36 Inch Pipe for Roadway Culvert	76 Lin. Ft.
I-10	Dumped Rock Channel Protection	6 Cu. Yd.

Drainage Area = 61.2 Acres
Q₁₀ = 61.9 c.f.s.

REVISION	DATE	DESCRIPTION	BY
	3/20/62	AS CONSTRUCTED	H.F.K.
U. S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY: R.W.G.		LICKING RIVER DILLON RESERVOIR PROJECT	
TRACED BY:		RELOCATION OF TOWNSHIP ROAD NO. 409	
CHECKED BY: SEW		(MT-409-2)	
SUBMITTED BY: Elmer S. Barrett Associates		DATE: AUGUST 1959	
RECOMMENDED BY: Elmer S. Barrett Associates		APPROVED BY: [Signature] DISTRICT ENGINEER	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: 1"=10'	
		SPEC. NO.	
		DRAWING NUMBER	
		027f-UD 15-68/25	
		SHEET 25 OF 27	

WORK AS CONSTRUCTED PIPE CULVERTS

STA. 51+45.40 & STA 57+02