

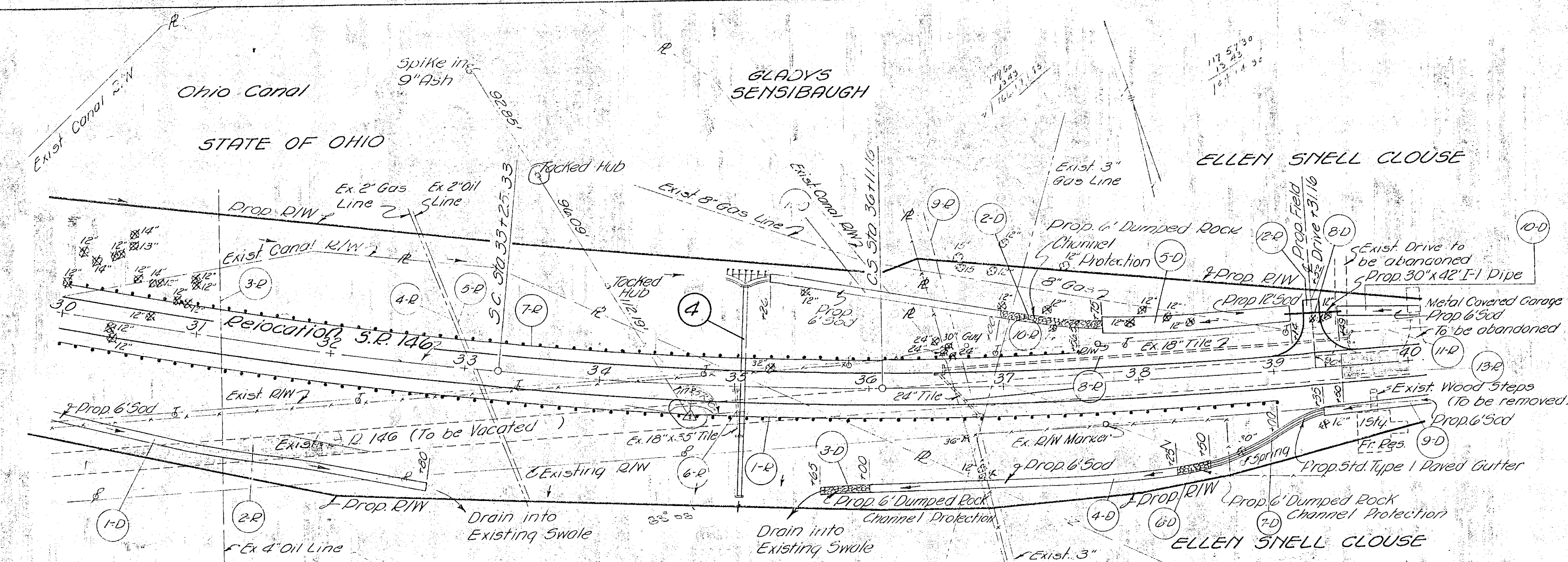
MUSKINGUM COUNTY MUS-146 - 0.15

ROADWAY QUANTITIES

Reference Number	Station to Station	Side	I-15	I-18	E-8	E-12	Special	Special
			Guard Rail	Steel Beam	Type Deep	Crushed	Stabilized	Pipe for Encasement
			Lin. Ft.	Cu. Yds.	Sq. Yds.	Lin. Ft.	Lin. Ft.	Sec. M-6.4(a)
1-D	30+00 to 39+00	RT.	900					15" 150
2-D	30+50 to 32+40	RT.			270			15" 150
3-D	31+18	RT.						15" 150
4-D	33+06	RT.						15" 150
5-D	33+09	RT.						15" 150
6-D	35+03	RT.				35		15" 150
7-D	30+00 to 37+56.50	LT.	756.5					15" 150
8-D	36+49 to 39+61	LT.				304.4		15" 150
9-D	36+74	LT.						15" 150
10-D	36+91	LT.						15" 150
11-D	38+30 to 40+00	LT.						15" 150
12-D	39+31.16	LT.		13.9				15" 150
13-D	39+50 to 40+00	LT.			100			15" 150
TOTALS			1656.5	13.9	370	339.4	360.295	150

DRAINAGE QUANTITIES

Reference Number	Station to Station	Side	I-1	I-10	I-14	I-17
			Pipe for Driveway	Dumped Rock	Channel Protection	Paved Gutter
			30" Lin. Ft.	Cu. Yds.	Lin. Ft.	Sq. Yds.
1-D	30+00 to 32+80	RT.				187
2-D	37+00 to 37+75	LT.		25		
3-D	35+65 to 36+00	RT.		12		
4-D	36+00 to 38+25	RT.				150
5-D	37+75 to 39+14	LT.				185
6-D	38+25 to 38+50	RT.		8		
7-D	38+50 to 39+35	RT.			95	*64
8-D	39+31.16	LT.	42			
9-D	39+35 to 40+00	RT.				43
10-D	39+49 to 40+00	LT.				34
11-D	35+26 to 37+00	LT.				116
4	See Sheet No. 28					
TOTALS			42	45	95	719



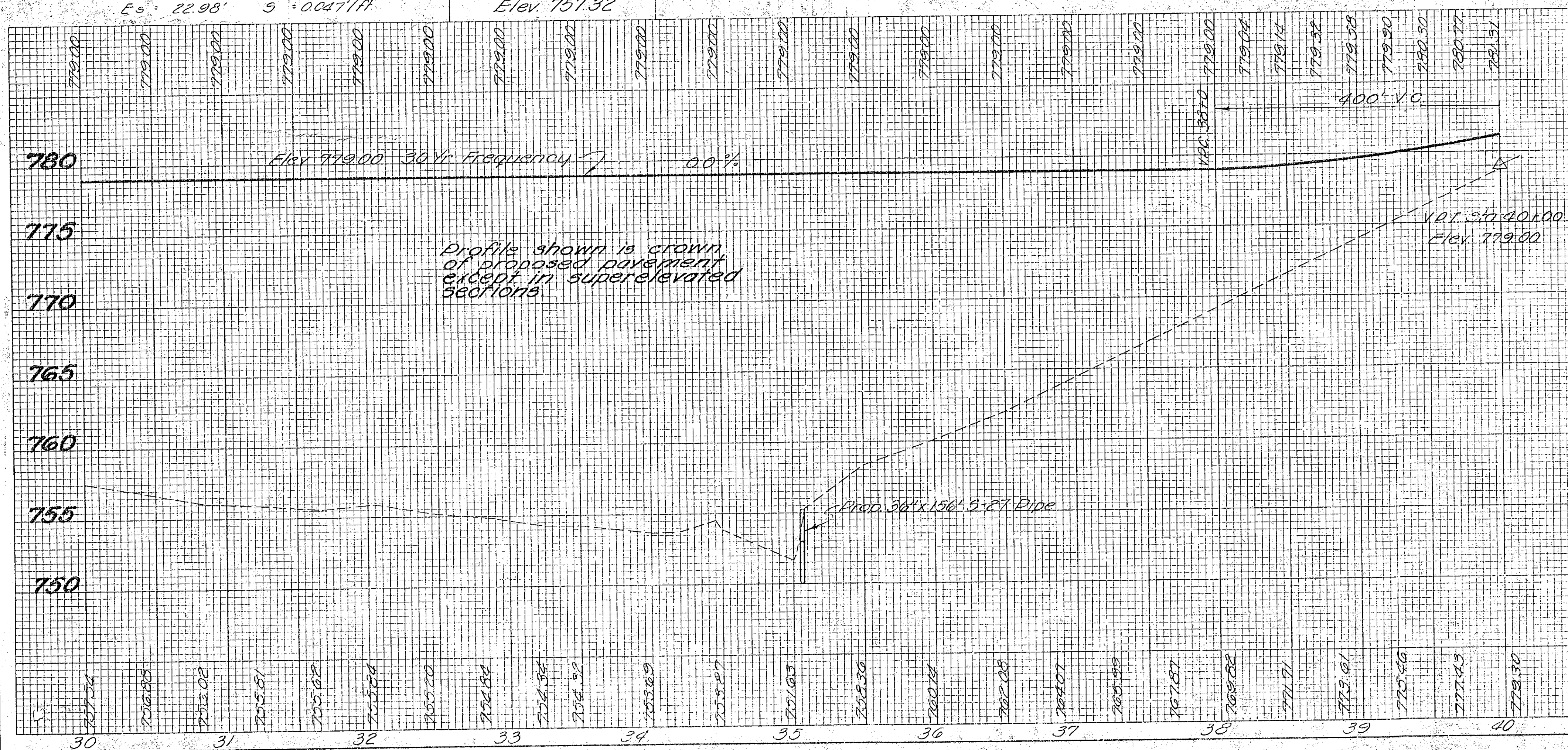
CURVE DATA

PI Sta. 34+70.14
 Δ = 13°43'41" P = 2.32'
 DC = 2°00' K = 199.97'
 Rc = 2864.79' Xc = 399.80'
 Os = 4°00' Yc = 9.30'
 Ls = 400' LT = 266.73'
 Lc = 285.83' ST = 133.40'
 Ts = 544.81' LC = 399.31'
 Es = 22.98' S = 0.04711 ft.

BENCH MARK

Spike in Power Pole
 1295' Rt. & Sta. 30+56
 Elev. 757.32

NOTE: For Quantities of Item I-10, R
 Dumped Rock Fill and
 Item Special, Sand Filter, from
 Sta. 30+00 to Sta. 36+00. See Cross
 Section Sheets.



REVISION	DATE	DESCRIPTION	BY
U.S. ARMY ENGINEER DISTRICT, HUNTINGTON CORPS OF ENGINEERS HUNTINGTON, W. VA.			
DRAWN BY: <i>[Signature]</i> TRACED BY: CHECKED BY: <i>[Signature]</i> SUBMITTED BY: <i>[Signature]</i> ELMER S. BARRETT ASSOCIATES CHIEF ENG. DIV.		LICKING RIVER DILLON RESERVOIR PROJECT RELOCATION OF OHIO STATE ROUTE NO. 146 (Section 1) APPROVED: <i>[Signature]</i> COL. C. E. DISTRICT ENGINEER DATE: June, 1959	
ELMER S. BARRETT ASSOCIATES CONSULTING ENGINEERS CHILLICOTHE, OHIO		SCALE: HORIZ. 1" = 20' VERT. 1" = 5' SPEC. NO. DRAWING NUMBER 027f-UD5-68/19 SHEET 19 OF 36	

STA. 30+00 TO STA. 40+00