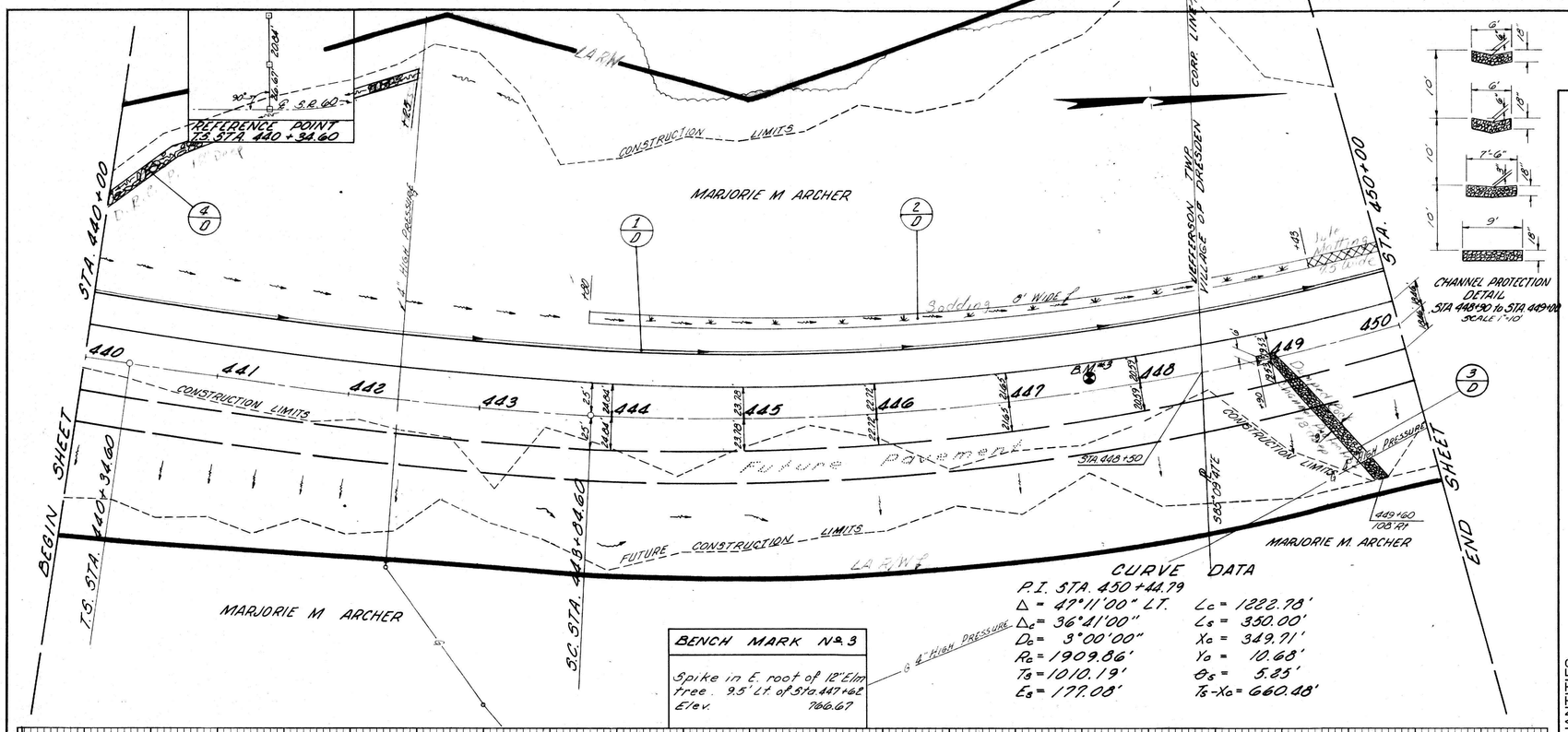
MUSKINGUM COUNTY
MUS - 60 - 31.70

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

14

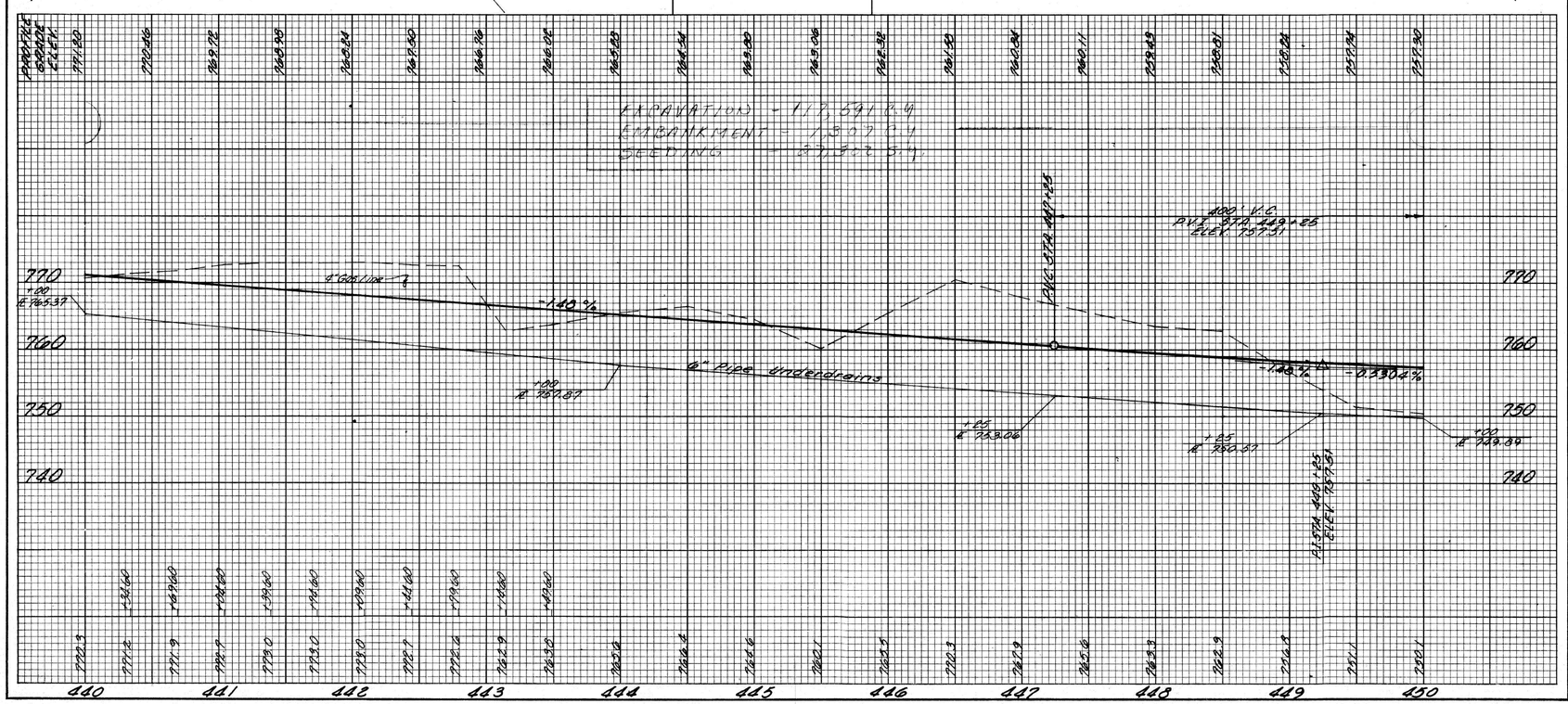


BENCH MARK No. 3

Spike in E. root of 12" Elm tree. 9.5' Lt. of Sta. 447+62
Elev. 766.67

CURVE DATA

P.I. STA. 450+44.79	
Δ = 47°11'00" LT.	L_c = 1282.78'
Δ_c = 36°41'00"	L_s = 350.00'
D_c = 3°00'00"	X_c = 349.71'
R_c = 1909.86'	Y_c = 10.68'
T_s = 1010.19'	θ_s = 5.85°
E_s = 177.08'	$T_s - X_c$ = 660.48'



ESTIMATED QUANTITIES

REF. NO.	STATION TO STATION	SIDE	601 CLASS "A" CONCRETE CULVERT C.Y.	667 JUTE MATTING S.Y.	660 SODDING S.Y.	605 6" VCP UNDER DRAIN LIN. FT.	
1-D	440+00 - 450+00	Lt.				1000	
2-D	443+80 - 450+00	Lt.					
3-D	448+90 - 449+60	Rt.	325	51	467		
4-D	440+00 - 448+25	Lt.	111				
TOTALS			436	51	467	1000	

PLAN AND PROFILE ~ STA 440+00 TO STA 450+00
PLAN AND PROFILE ~ STA 440+00 TO STA 450+00