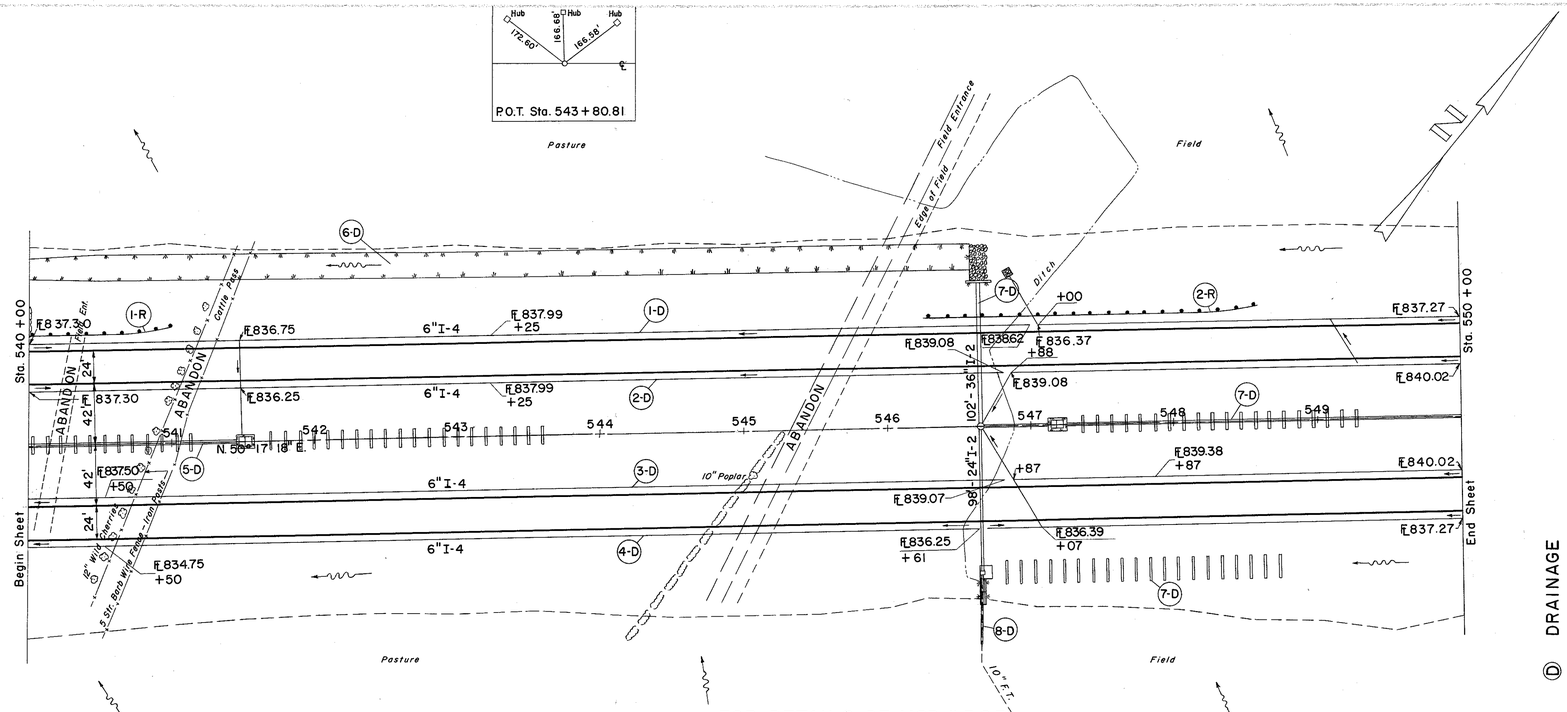
FED. ROAD DESIGN	STATE	PROJECT	
	OHIO	ACI-1103(27)	

15
413

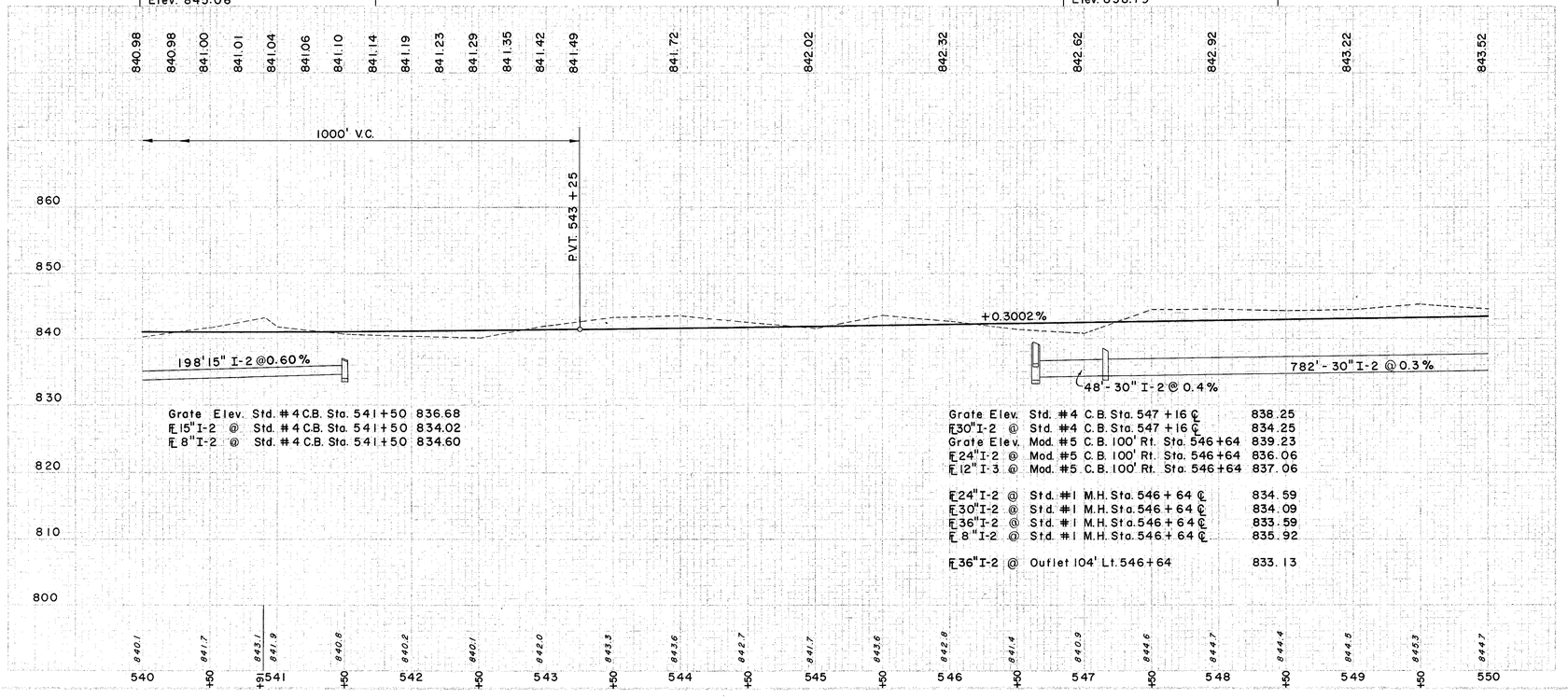
LAKE COUNTY
LAK-I-16.55



FOR DETAILS OF MOD. #5 C.B.
SEE SHEET NO. 376

B.M. #60 Lag Bolt in base of 12" Maple
250' Rt. of Sta. 540+00
Elev. 845.06

B.M. #61 Lag Bolt in base of 12" Elm
230' Lt. of Sta. 548+00
Elev. 838.79



Grate Elev. Std. #4 C.B. Sta. 541+50 836.68
℄15"I-2 @ Std. #4 C.B. Sta. 541+50 834.02
℄8"I-2 @ Std. #4 C.B. Sta. 541+50 834.60

Grate Elev. Std. #4 C.B. Sta. 547+16 ℄ 838.25
℄30"I-2 @ Std. #4 C.B. Sta. 547+16 ℄ 834.25
Grate Elev. Mod. #5 C.B. 100' Rt. Sta. 546+64 839.23
℄24"I-2 @ Mod. #5 C.B. 100' Rt. Sta. 546+64 836.06
℄12"I-3 @ Mod. #5 C.B. 100' Rt. Sta. 546+64 837.06

℄24"I-2 @ Std. #1 M.H. Sta. 546+64 ℄ 834.59
℄30"I-2 @ Std. #1 M.H. Sta. 546+64 ℄ 834.09
℄36"I-2 @ Std. #1 M.H. Sta. 546+64 ℄ 833.59
℄8"I-2 @ Std. #1 M.H. Sta. 546+64 ℄ 835.92

℄36"I-2 @ Outlet 104' Lt. 546+64 833.13

Ⓓ DRAINAGE

REF NO.	STATION FROM	STATION TO	SIDE	I-5 CL. "A" STORM SEWER UNDER PAVEMENT SEC. M-65(b) or M-68(b)	I-5 6"x6"x6" 60° WYE	I-5 6"x6"x6" TEE	I-5 6"x8" DOUBLE TEE	I-5 6"x8" INCREASER	I-5 8"x8"x6" 60° WYE	I-8 STD #4 CATCH BASIN	I-8 MOD #5 CATCH BASIN	I-8 STD. #1 M.H.	S-29 DRAINAGE FOR STRUCT.	I-10 SODDING S.Y.	I-10 DUMPED ROCK CHANNEL PROTECTION C.Y.	S-1 CONCRETE FOR STRUCTURES C.Y.	S-4 REINF STEEL LB.	I-14 TYPE I PAVED GUTTER L.F.	E-2 EXC. FOR STRUCTURES C.Y.
				8" 24" 36" L.F.	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	C.Y. 0.3						
1-D	540+00	550+00	71 LT	32		1		1				1							
2-D	540+00	550+00	37 LT	24						1		1							
3-D	540+00	550+00	37 RT	30						1		1							
4-D	540+00	550+00	71 RT	36						1		1		76					
5-D	540+00	541+50	℄											1200					
6-D	540+00	547+00	LT	149										120	19	9	419	10	24
7-D	546+64	550+00		98' 102'									1						
8-D	546+64		RT.	329									1						
				50															

REF NO.	ROADWAY STATION FROM	ROADWAY STATION TO	I-15 GUARD RAIL STEEL BEAM TYPE (deep) SIDE ℄ #2-B L.F.
1-R	540+00	541+00	LT. 100
2-R	546+32	548+57	LT. 225
			TOTAL 325

REF NO.	I-3 PIPE OUTLET FOR RDWY DRAIN 12" L.F.	I-4 6" PIPE UNDER SHALLOW DRAIN L.F.	8" OUTLET PIPE SEC. M-64(c)	6" PIPE UNDER DRAIN DEEP SEC. M-64(c)
1-D		700	10	362
2-D		1028	10	
3-D		996		992
4-D				
5-D				
6-D				
7-D	50			
8-D				

SODDING LEFT DITCH

STATION	DEPTH OF SODDING FT.	SLOPES F.	SLOPES B.	WIDTH OF SODDING FT.	LENGTH FT.	S.Y.
540+50	2.1	4:1	4:1	18.5	614	1,200
546+64		4:1	4:1	18.5		

EXCAVATION	25,366 C.Y.
EMBANKMENT	5,410 C.Y.
EMBANKMENT 22 %	6,600 C.Y.

STA. 540+00 TO STA. 550+00