

**STRUCTURES 20' SPAN UNDER**

Str. No.	Station	Proposed Type	Size	Lgt.	Details on sheet
25	53+76.5	Pipe	48"	138'	101
28	46+14	Pipe	48"	226'	100

**GUARD RAIL, I-15**

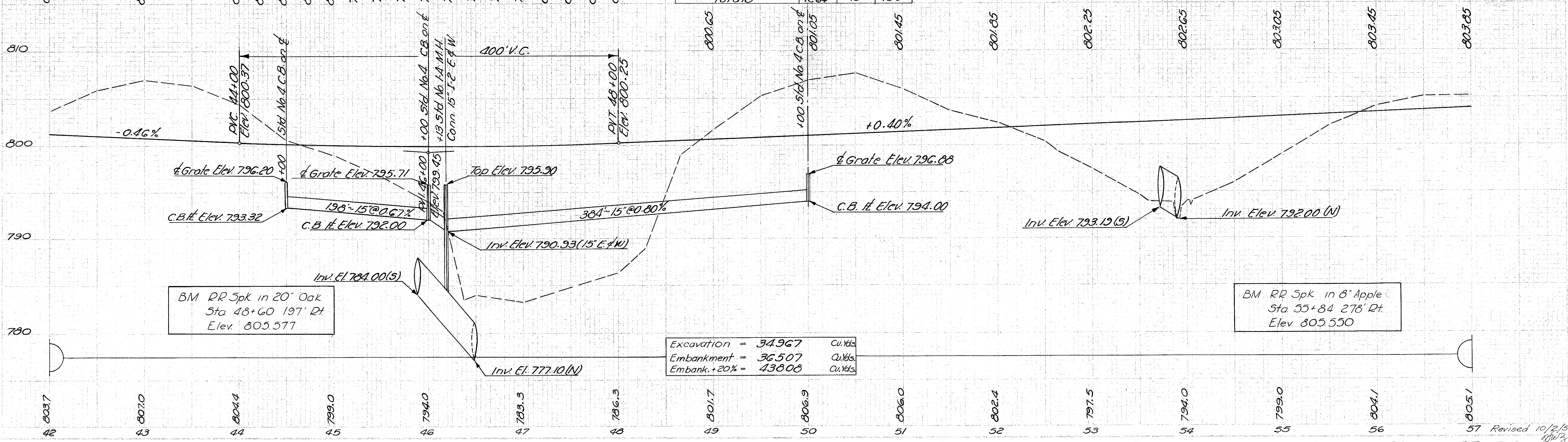
Ref. No.	Station	Side	Height (ft)
1-G	46+00	Lt	262.5
2-G	53+43	Lt	225.0
3-G	43+75	Rt	425.0
4-G	52+46.50	Rt	162.5
Total			1075.0

**DRAINAGE**

Ref. No.	Station	Side	C-10		I-10		I-14	
			Sodding	Drainage	Drainage	Type I		
	From	To	Sq. Yds.	Cu. Yds.	Cu. Yds.	Lin. Ft.	Lin. Ft.	
9-D	46+00	48+00	Med.	55				
10-D	50+00	52+00	Med.	53				
11-D	45+00	46+00	Lt	78				
12-D	46+00	46+45	Lt	11		50		
13-D	46+55	48+00	Lt	113				
14-D	48+00	49+00	Lt	67				
15-D	53+85	55+00	Lt	77				
16-D	42+00	43+50	Rt	200				
17-D	43+50	44+00	Rt	11		50		
18-D	44+00	44+15	Rt		15			
19-D	44+15	45+82	Rt	106				
20-D	47+00	48+00	Rt	78				
21-D	48+00	48+65	Rt	44				
22-D	52+00	53+65	Rt	110				
23-D	55+00	56+00	Rt	78				
24-D	42+00	44+00	Med.	53				
Totals				1264	15	100		

**DRAINAGE**

Ref. No.	Station	Side	I-2		I-3		I-4		I-5		Pipe Specials	I-6
			Class 2	Class 3	Class 4	Class 5	Class 6	Class 7				
	From	To	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Lin. Ft.	Each	Each	
1-D	42+00	57+00	71 Lt			10	1644	3	1			
2-D	"	"	37 Lt			10	1520		1			
3-D	"	"	37 Rt			10	1520		1			
4-D	"	"	71 Rt			10	1648	3	1			
5-D	46+14	50+00	Med.			354					1	
6-D	44+00	46+14	Med.			200					2	
7-D	50+00		Lt			56			1	1	1	
8-D	50+00		Rt			56			1	1	1	
Totals			112			592	60	6332	6	2	4	2



Excavation	=	34.967	Cu. Yds.
Embankment	=	36.507	Cu. Yds.
Embank. +20%	=	43.808	Cu. Yds.