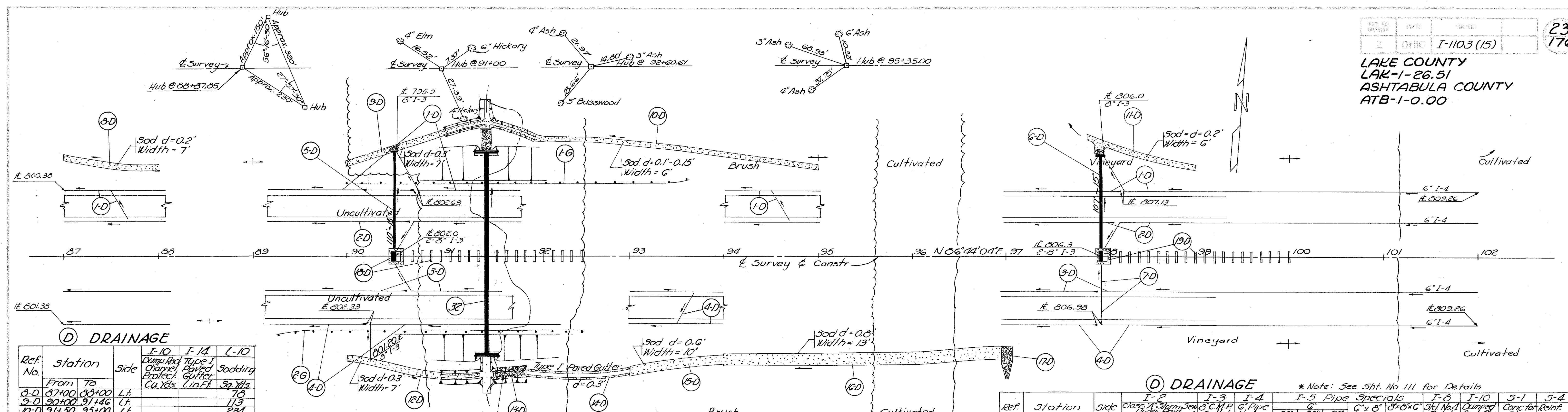


LAKE COUNTY  
LAK-1-26.51  
ASHTABULA COUNTY  
ATB-1-0.00



**(D) DRAINAGE**

Ref. No.	Station	Side	I-10		I-14		L-10	
			Dumped Channel Protect. Cu.Yds.	Type I Paved Gutter Lin.Ft.	Type I Paved Gutter Lin.Ft.	Sodding Sq.Yds.	Type I Paved Gutter Lin.Ft.	Sodding Sq.Yds.
3-D	87+00	Lt.						78
9-D	90+00	Lt.						113
10-D	91+50	Lt.						234
11-D	97+05	Lt.						77
12-D	90+00	Rt.						109
13-D	91+55	Rt.	18					
14-D	91+90	Rt.		110				24
15-D	93+00	Rt.						111
16-D	94+00	Rt.						434
17-D	97+00	Rt.	19					
18-D	90+50	Rt.						53
19-D	93+00	Rt.						53
Totals			37	110				1286

**(G) GUARD RAIL I-15**

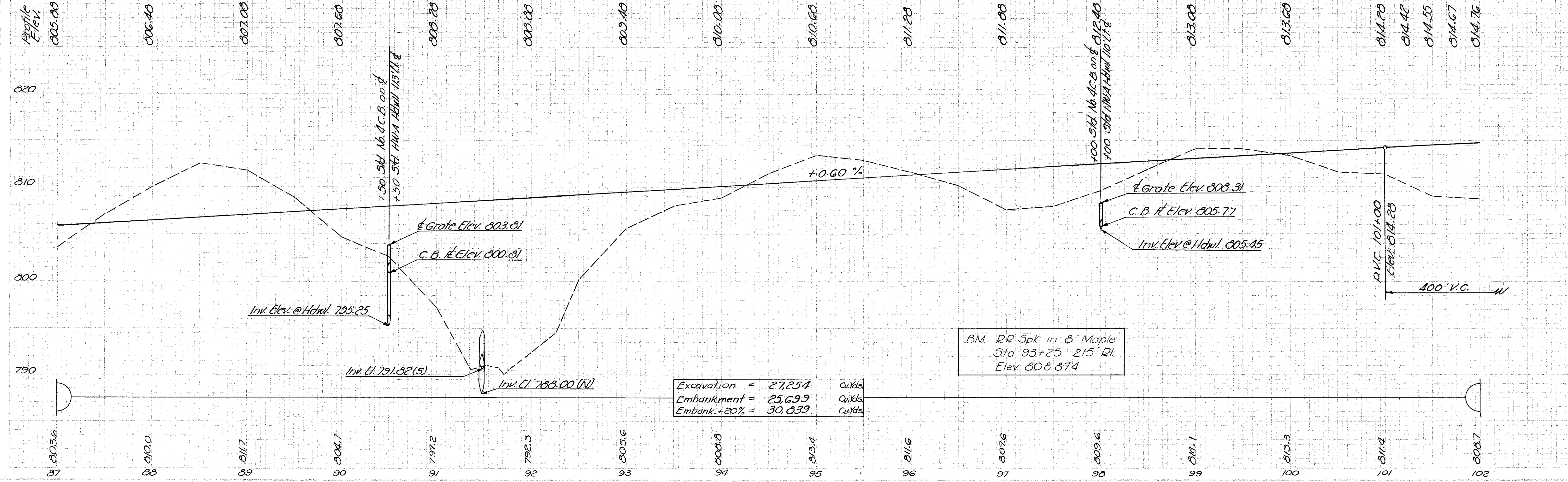
Ref. No.	Station	Side	Steel Beam Type (depth)	Lin. Ft.
I-G	90+00	Lt.	3G2.5	362.5
2-G	89+25	Rt.	3G2.5	325.0
Total				687.5

**STRUCTURES 20' SPAN & UNDER**

Str. No.	Station	Proposed Type	Size	Lab.	Details on Sheet
3E	91+48	15'	54"	210'	105

**(D) DRAINAGE** \*Note: See Sht. No 111 for Details

Ref. No.	Station	Side	I-2		I-3		I-4		I-5 Pipe			I-6		I-10		S-1		S-4	
			Class 1 3/4" Spm. Sew. Under Drains	Outlet Pipe Lin. Ft.	6" C.M.P. Under Drains	6" Pipe Under Drains	60' Bend	90' Bend	60' Wye	6" x 6" Increase Tee	8" x 8" Tee	5' x 4' Catch Basin	Dumped Rock Protection Class C' Each	5' x 4' Catch Basin	5' x 4' Catch Basin	5' x 4' Catch Basin	5' x 4' Catch Basin	5' x 4' Catch Basin	
1-D	87+00	Lt.		71.74	20	1639	2												
2-D	87+00	Lt.		37.11	20	1554	2												
3-D	87+00	Lt.		37.11	10	1521	1												
4-D	87+00	Lt.		71.74	10	1537		1	1										
5-D	90+50	Lt.			110														
6-D	96+00	Lt.			107														
7-D	96+00	Rt.	5G		10														
Totals			5G	217	70	6271	5	2	3	1	1	1	2	2	6.4	232			



Excavation =	27,254	Cu.Yds.
Embankment =	25,699	Cu.Yds.
Embank. +20% =	30,839	Cu.Yds.