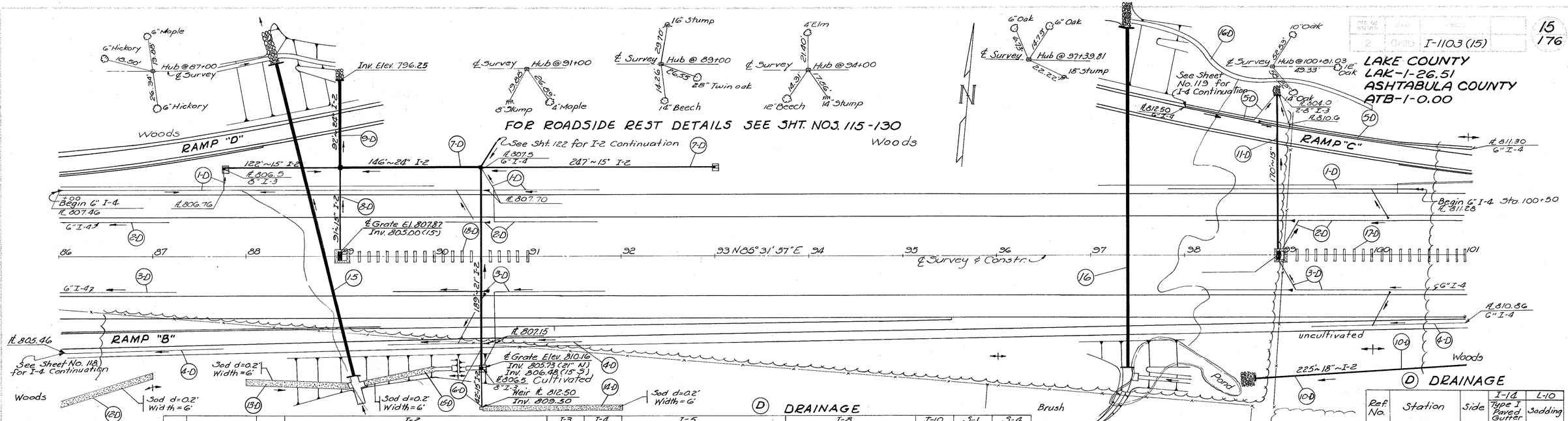
LAKE COUNTY
LAK-1-26.51
ASHTABULA COUNTY
ATB-1-0.00



D DRAINAGE

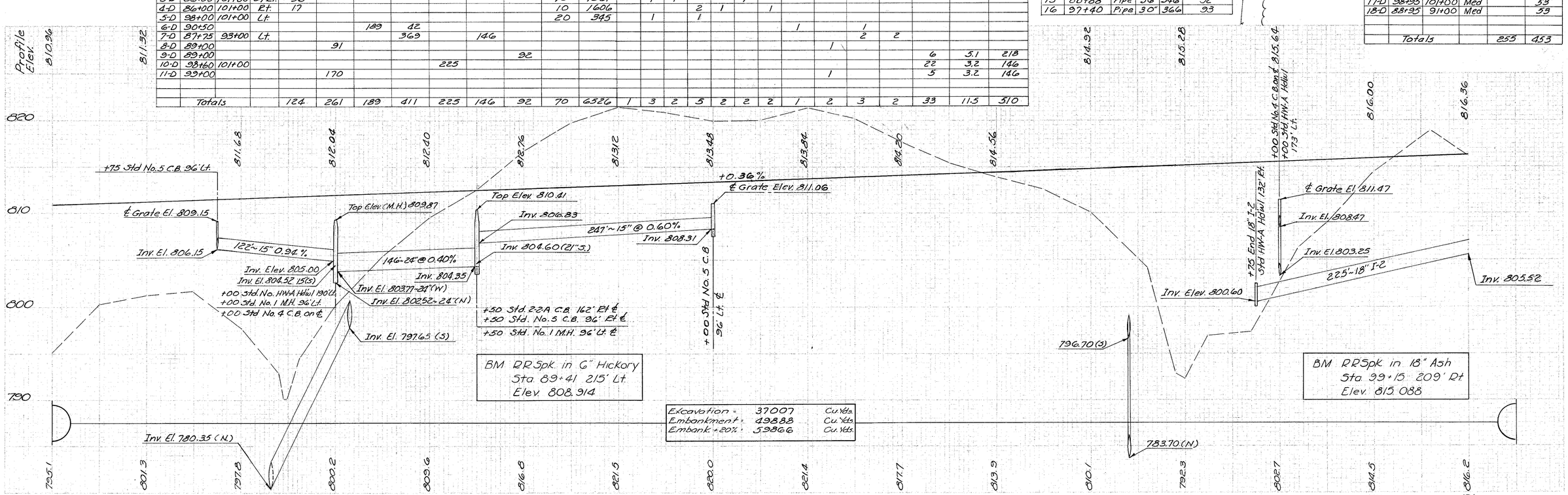
Ref. No.	Station From	Station To	Side	I-2 Class A Storm Sewer Undr. Pavt. Sec. M.6.5(a) or M.6.8(a) 8"	I-2 Class A Storm Sewer Undr. Pavt. Sec. M.6.5(a) or M.6.8(a) 15"	I-2 Class B Storm Sewer Sec. M.6.6(a) or M.6.8(b) 15"	I-2 Class B Storm Sewer 18"	I-2 Class B Storm Sewer 24"	I-2 Class B Strm. Sewer Undr. Pavt. 24"	I-3 8" C.M.P. Outlet Pipe	I-4 6" Pipe Under-drains	I-5 6"-45° Tee	I-5 6"-60° Bend	I-5 6"-90° Bend	I-5 6"-60° Wye	I-5 8"-60° Bend	I-5 6"x8" Increaser	I-5 8"-45° Tee	I-8 Std. No. 22A Catch Basin	I-8 Std. No. 4 Catch Basin	I-8 Std. No. 5 Catch Basin	I-8 Std. No. 1 Manhole	I-10 Dumped Rock Channel Protection	I-10 Concrete for Strs. Class "C"	I-10 Reinforcing Steel
				Lin. Ft.								each											Cu. Yds.	Lbs.
1-D	86+00	100+50	Lt.	17						20	1531	1			2	1		1						
2-D	86+00	101+00	37 Lt.	34						10	1523		1	1			1							
3-D	86+00	101+00	37 Rt.	56						10	1521		1	1			1							
4-D	86+00	101+00	Rt.	17						10	1606				2	1		1						
5-D	98+00	101+00	Lt.							20	345		1		1									
6-D	90+50					189	42												1		1			
7-D	87+75	93+00	Lt.				369		146												2	2		
8-D	89+00				91															1					
9-D	89+00								92													6	3.1	218
10-D	98+60	101+00					225															22	3.2	146
11-D	99+00				170															1		5	3.2	146
	Totals			124	261	189	411	225	146	92	70	6326	1	3	2	5	2	2	2	1	2	3	2	33	11.5	510

STRUCTURES 20' SPAN & UNDER

Str. No.	Station	Proposed Type	Size	Light	Details on Sheet
15	88+88	Pipe	36"	346	32
16	97+40	Pipe	30"	366	33

D DRAINAGE

Ref. No.	Station From	Station To	Side	I-11 Type I Paved Gutter. Lin. Ft.	I-10 Sodding Sq. Yds.
12-D	86+00	87+00	Rt.		67
13-D	88+00	89+09	Rt.		73
14-D	90+50	92+00	Rt.		100
15-D	89+25	90+00	Rt.		50
16-D	97+45	100+00	Lt.	255	57
17-D	98+95	101+00	Med		53
18-D	88+95	91+00	Med		59
	Totals			255	453



Excavation =	37007	Cu. Yds.
Embankment =	49888	Cu. Yds.
Embank. +20% =	59866	Cu. Yds.

LAKE COUNTY 86+00 - 101+00