09/08/99

TIP PROJECT: I-3819A

PROJECT: 34192.1.2

PROJECT REFERENCE NO.	SHEET NO.
I-3819A	X-1

IREDELL COUNTY
X-SECTIONS X-1 THRU X-571

SHEETS

X-1A thru X-10
X-2 thru X-121
X-122 thru X-252
X-253 thru X-259
X-260 thru X-285
X-286 thru X-316
X-317 thru X-319
X-320 thru X-328
X-329 thru X-362
X-363 thru X-395
X-396 thru X-398
X-399 thru X-400
X-401 thru X-406
X-407 thru X-412
X-413 thru X-423
X-424 thru X-425
X-426 thru X-430
X-431 thru X-433
X-434 thru X-440
X-441 thru X-463
X-464 thru X-468
X-469 thru X-472
X-473 thru X-483
X-484 thru X-486
X-487 thru X-493
X-494 thru X-514
X-515 thru X-537
X-538 thru X-560
X-561 thru X-571

INDEX OF SHEETS

CROSS-SECTION SUMMARY
-L- (I-40) LEFT SIDE
-L- (I-40) RIGHT SIDE
-Y- (I-77) RIGHT SIDE
-Y- (I-77) LEFT SIDE
-Y- (I-77) RIGHT SIDE
-YRPAB- (RAMP AB)
-YRPA- (RAMP A)
-YRPBD- (RAMP BD) LEFT SIDE
-YRPBD- (RAMP BD) RIGHT SIDE
-YRPB- (RAMP B)
-YLPB- (LOOP B)
-YRPC- (RAMP C)
-YRPD- (RAMP D)
-Y1- (RADIO ROAD)
-Y1A- (CAROLINA AVENUE)
-Y2DW- (SLEEP INN DRIVEWAY)
-Y3- (MUSEUM ROAD)
-Y3A- (GAITHER ROAD)
-Y4- (US 21)
-Y5- (GLENWAY DRIVE)
-Y5A- (SUNSET HILL ROAD)
-Y8- (HILLSIDE LANE)
-Y8DRIVE- (DRIVEWAY)
-Y10A- (US 64 @ I-40)
-SR1- (SERVICE ROAD)
-Y- (TCP PHASE I, STEP 4)
-Y- (TCP PHASE I, STEP 5)
-Y- (TCP PHASE II)

Florence & Hutcheson
CONSULTING ENGINEERS
5121 Kingdom Way, Suite 100 Raleigh, NC 27607
NC License No: F-0258

JANUARY 6, 2012

1/9/2012
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Florence & Hutcheson, Inc.

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1A

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

Quantities are approximate only. The Resident Engineer will recross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P1S3EB1-			
(-L- stations			
shown)			
45+00			
45+50	6	0	
46+00	12	0	
46+50	13	0	
47+00	14	0	
47+50	15	0	
48+00	15	1	
48+50	16	1	
49+00	16	1	
49+50	15	2	
50+00	14	5	
50+50	14	8	
51+00	19	9	
51+50	27	7	
52+00	34	4	
52+50	35	4	
53+00	30	9	
53+50	22	17	
54+00	17	24	
54+50	15	29	
55+00	13	33	
55+50	13	32	
56+00	15	29	
56+50	16	25	
57+00	16	24	
57+50	17	25	
58+00	17	25	
58+50	16	27	
59+00	17	27	
59+50	18	25	
60+00	18	25	
60+50	17	23	
61+00	18	22	
61+50	18	24	
62+00	18	23	
62+50	18	20	
63+00	19	20	
63+50	21	20	
64+00	23	21	
64+50	23	20	
65+00	24	18	
65+50	27	15	
66+00	28	14	
66+50	26	12	
67+00	28	8	
67+50	28	7	
68+00	25	8	
68+50	27	9	
69+00	29	10	
69+50	29	9	
70+00	32	7	
70+50	36	5	
71+00	48	2	
71+50	63	0	
72+00	63	0	
72+50	54	0	
73+00	54	0	
73+50	54	0	
74+00	51	0	
74+50	46	0	
75+00	41	0	
75+50	37	0	
76+00	29	0	
76+50	25	0	
77+00	23	0	
77+50	19	0	
78+00	17	0	
78+50	15	0	
79+00	15	0	
79+50	14	0	
80+00	14	0	
80+50	13	0	
81+00	12	0	
81+50	6	0	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P1S5EB3-			
(-L- stations			
shown)			
93+50			
94+00	0	1369	
94+50	0	2530	
95+00	0	2005	
95+50	0	1397	
96+00	0	982	
96+50	0	774	
97+00	0	640	
97+50	0	603	
98+00	0	634	
98+50	0	663	
99+00	1	690	
99+50	2	769	
100+00	5	964	
100+50	5	1078	
101+00	3	1086	
101+50	5	1087	
102+00	14	923	
102+50	24	779	
103+00	27	792	
103+50	24	835	
104+00	39	1028	
104+50	59	1229	
105+00	57	1287	
105+50	63	1289	
106+00	66	1006	
106+50	58	1041	
107+00	56	1312	
107+50	57	1325	
108+00	58	1392	
108+50	52	1464	
109+00	45	1577	
109+50	45	1531	
110+00.43	48	1442	
110+50	47	794	
111+00	47	913	
111+50	50	1700	
112+00	50	1764	
112+50	48	1848	
113+00	51	1913	
113+50	51	1806	
113+72.92	23	760	
114+00	26	870	
114+40.38	38	1266	
114+50	9	293	
115+00	46	1331	
115+50	45	988	
116+00	40	733	
116+50	26	614	
117+00	15	535	
117+50	16	482	
117+82.80	6	282	
118+00	0	129	
118+50	0	310	
118+80	0	174	
119+00	0	120	
119+50	0	317	
120+00	0	317	
120+50	0	334	
121+00	0	429	
121+50	0	513	
122+00	0	273	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P1S5YRPC1-			
(-YRPC- stations			
shown)			
17+65.71			
18+00	0	352	
18+50	0	444	
19+00	0	416	
19+50	3	456	
20+00	14	608	
20+55.25	25	400	
21+00	20	0	
21+50	10	0	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P1S4WB1-			
(-L- stations			
shown)			
123+00			
123+50	0	0	
124+00	0	0	
124+50	0	0	
125+00	0	0	
125+50	0	0	
125+65.18	0	0	
126+00	0	0	
126+50	0	0	
127+00	0	0	
127+50	0	0	
128+00	0	0	
128+50	0	0	
129+00	9	0	
129+50	14	0	
130+00	11	0	
130+50	6	0	
131+00	0	0	
131+50	0	0	
132+00	0	0	
132+50	10	2	
133+00	17	4	
133+50	13	6	
134+00	13	8	
134+50	15	11	
135+00	16	14	
135+50	15	20	
136+00	11	25	
136+50	6	32	
137+00	5	35	
137+50	3	31	
138+00	2	28	
138+50	2	23	
139+00	2	17	
139+50	2	9	
140+00	2	3	
140+50	3	2	
141+00	2	2	
141+50	3	2	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
142+00	3	1	
142+50	3	1	
143+00	3	1	
143+50	4	1	
144+00	3	0	
144+50	4	0	
145+00	4	2	
145+50	3	5	
146+00	3	6	
146+50	4	7	
147+00	5	10	
147+50	7	10	
148+00	9	10	
148+50	10	10	
149+00	11	12	
149+50	14	12	
150+00	16	12	
150+50	23	10	
151+00	24	6	
151+50	18	6	
152+00	18	5	
152+50	15	5	
153+00	12	8	
153+50	20	7	
154+00	29	3	
154+50	33	2	
155+00	39	1	
155+50	44	0	
156+00	43	0	
156+50	40	1	
157+00	41	0	
157+50	36	0	
158+00	27	0	
158+50	19	0	
159+00	12	0	
159+50	13	0	
160+00	13	0	
160+50	13	0	
161+00	13	0	
161+00	13	0	
162+00	13	0	
162+50	13	0	
163+00	13	0	
163+50	12	0	
164+00	12	0	
164+50	11	0	
165+00	10	0	
165+50	11	0	
166+00	12	0	
166+50	11	0	
167+00	10	0	
167+50	11	0	
168+00	13	0	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
168+50	14	0	
169+00	12	0	
169+50	6	0	
170+00	0	0	
170+50	0	0	
171+00	0	0	
171+50	0	0	
172+00	0	0	
172+50	0	0	
173+00	0	0	
173+50	0	0	
174+00	0	0	
174+50	0	0	
175+00	0	0	
175+50	0	0	
176+00	0	0	
176+50	0	0	
177+00	0	0	
177+50	0	0	
178+00	0	0	
178+50	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
122+50	0	0	
123+00	9	0	
123+50	15	0	
124+00	11	0	
124+50	10	0	
125+00	8	0	
125+50	7	0	
126+00	7	0	
126+50	6	0	
127+00	6	0	
127+50	7	0	
128+00	7	0	
128+50	8	0	
129+00	10	1	
129+50	11	5	
130+00	13	5	
130+50	15	2	
131+00	13	1	
131+50	12	0	
132+00	6	0	
132+50	0	0	
133+00	0	0	
133+50	0	0	
134+00	0	0	
134+50	0	0	
135+00	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
135+50	0	0	
136+00	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
143+50	0	0	
144+00	15	0	
144+50	30	1	
145+00	32	2	
145+50	31	3	
146+00	28	5	
146+50	28	6	
147+00	29	5	
147+50	31	3	
148+00	33	3	
148+50	37	2	
149+00	41	2	
149+50	42	2	
150+00	43	1	
150+50	44	2	
151+00	42	3	
151+50	41	3	
152+00	42	2	
152+50	42	4	
153+00	40	5	
153+50	39	3	
154+00	40	3	
154+50	40	4	
155+00	40	4	
155+50	39	4	
156+00	35	4	
156+50	28	7	
157+00	27	7	
157+50	30	3	
158+00	31	3	
158+50	29	4	
159+00	28	5	
159+50	28	5	
160+00	22	5	
160+50	17	5	
161+00	18	5	
161+50	18	6	
162+00	18	6	
162+50	18	9	
163+00	18	8	
163+50	19	4	
164+00	22	3	
164+50	26	2	
165+00	30	2	
165+50	30	2	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
166+00	22	2	
166+50	15	2	
167+00	13	10	
167+50	11	10	
168+00	13	2	
168+50	13	2	
169+00	13	2	
169+50	13	3	
170+00	11	4	
170+50	8	6	
171+00	7	7	
171+50	6	7	
172+00	7	7	
172+50	8	15	
173+00	9	14	
173+50	12	5	
174+00	14	4	
174+50	14	3	
175+00	13	4	
175+50	13	4	
176+00	11	4	
176+50	9	5	
177+00	8	5	
177+50	9	14	
178+00	9	14	
178+50	11	5	
179+00	14	4	
179+50	16	3	
180+00	8	1	
180+50	0	0	
181+00	0	0	
181+50	0	0	
182+00	0	0	
182+50	0	0	
182+75	0	0	

Station Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
32+86	0	0	
33+05.74	17	0	
33+55.74	83	1	
34+05.74	75	1	
34+55.74	72	1	
35+06.21	62	1	
35+56.68	54	3	
36+07.16	55	3	
36+57.63	39	6	
37+08.10	18	10	
37+58.58	12	9	
38+09.06	10	19	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1C

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
38+59.54	6	55	
39+10.04	5	97	
39+60.54	3	89	
40+11.03	3	104	
40+61.47	7	83	
41+12.02	14	16	
41+62.56	44	8	
42+13.39	56	6	
42+64.15	45	4	
43+14.57	58	2	
43+65.33	87	1	
44+07.62	81	2	
44+57.83	89	1	
45+08.60	90	0	
45+59.43	85	0	
46+10.17	52	12	
46+60.18	39	12	
47+10.02	67	0	
47+25	12	0	

Station Y4RPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
12+36	0	0	
12+46.90	119	0	
12+96.89	469	0	
13+46.89	208	5	
13+96.89	15	160	
14+46.86	0	488	
14+96.75	0	776	
15+46.59	0	876	
15+96.39	0	938	
16+46.38	0	1066	
16+96.83	0	1120	
17+47.26	0	1104	
17+97.70	0	1060	
18+48.14	0	953	
18+98.61	0	868	
19+49.08	4	758	
19+99.58	7	593	
20+50.09	7	444	
21+00.62	3	322	
21.51+17	17	224	
22+01.74	56	96	
22+52.33	84	17	
23+02.95	94	8	
23+53.59	103	12	
24+04.25	97	14	
24+54.58	64	15	
25+04.76	29	43	

Station Y4RPA	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
17+44	0	0	
17+76.10	1	950	
18+00	0	677	
18+19	0	119	

Station Y4RPD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
16+60	0	0	
17+10.58	0	0	
17+60.89	0	0	
18+11.20	0	0	
18+61.51	0	551	
19+11.82	0	2073	
19+62.13	0	4136	
20+12.36	0	5134	
20+62.51	0	4934	
21.12+59	0	4451	
21.62+62	0	3579	
22+12.63	0	2538	
22+62.63	0	1560	
23+12.65	10	809	
23+62.67	51	317	
24+12.70	41	107	

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
39+90	0	0	
40+03.32	44	0	
40+12.73	31	0	
40+61.28	203	3	
41+09.19	289	3	
41+56.39	405	0	
42+02.82	573	0	

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
42+48.70	696	0	
42+94.10	721	0	
43+23.58	479	0	
43+39.02	256	0	
43+83.39	771	0	
44+09.60	484	0	
44+33.27	440	0	
44+78.81	845	0	
45+23.75	829	0	
45+67.97	841	0	
46+05.96	719	0	
46+42.39	597	0	
46+89.75	633	0	
47+37.16	584	0	
47+84.64	636	0	
48+32.46	622	0	
48+80.68	574	0	
49+29.37	518	5	
49+83.20	414	53	
50+29.15	242	59	
50+79.15	232	93	
51+29.15	247	121	
51+79.15	238	103	
51+87.33	36	17	
52+29.21	158	81	
52+79.44	131	104	
53+29.81	125	126	
53+80.35	180	143	
53+88.47	36	21	
54+31.30	194	111	
54+82.47	290	77	
55+34.12	413	4	
55+86.83	508	0	
56+38.56	573	0	
56+91.03	652	0	
57+43.51	685	0	
57+85.11	608	0	
58+33.57	816	0	
58+81.86	888	0	
58+99.29	331	0	
59+43.63	851	0	
59+88.61	894	0	
60+34.16	930	0	
60+80.23	931	0	
61+26.74	899	0	
61+73.61	859	0	
62+20.77	739	0	
62+68.14	551	0	
63+13.85	384	0	
63+59.96	271	0	
64+06.39	181	0	
64+53.06	132	0	
64+99.90	113	0	

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
65+45.97	99	0	
65+93.71	84	0	
66+46.60	75	0	
66+89.98	54	0	
67+00	6	0	

Station YRPAB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
15+22	0	0	
15+74.29	0	1386	
16+24.03	0	1464	
16+73.53	0	1572	
17+22.71	0	1795	
17+71.52	0	1998	
18+19.91	0	1717	
18+67.80	0	1175	
19+15.16	1	721	
19+61.94	60	239	
20+08.09	387	10	
20+50	779	0	
21+00	1611	0	
21+50	2722	0	
22+00	3686	0	
22+17.76	1417	131	
22+75.66	4387	431	
23+32.21	4413	7	
23+87.15	4473	0	
24+40.31	4293	0	
24+92.13	4206	0	
25+48.50	5069	0	
26+02.76	5352	0	
26+55.35	5048	0	
27+00	4453	0	

Station YRPA	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 2			
15+60	0	0	
16+07.29	1255	0	
16+53.55	2773	0	
16+98.34	3247	0	
17+41.96	3465	0	
18+06.75	5436	0	
18+81.25	6507	0	
19+19.15	3287	0	
19+59.55	3312	0	
20+02.55	3123	0	
20+48.22	2625	37	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1D

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station	Uncl. Exc.	Embt	Undercut
YRPA	(cu. yd.)	(cu. yd.)	(cu. yd.)
20+96.67	1823	81	
21+46.44	732	168	
21+96.21	69	933	
22+45.98	0	1603	
22+95.75	0	1206	
23+45.51	107	886	
23+95.28	252	1124	
24+45.05	338	1365	
24+94.82	456	1533	
25+44.58	447	1629	
25+94.35	348	1538	
26+44.12	422	1220	
26+93.89	627	729	
27+43.66	836	717	
27+93.42	920	794	
28+43.19	855	859	
28+92.96	711	691	
29+42.3	529	604	
29+92.49	389	233	
30+42.26	332	66	
30+92.03	329	5	
31+41.80	311	0	
31+91.51	236	0	
32+41.08	149	0	
33+00	121	0	

Station	Uncl. Exc.	Embt	Undercut
YRPD	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
10+85	0	0	
11+36.98	1226	4	
11+87.03	1076	5	
12+37.09	787	20	
12+87.14	459	53	
13+37.20	220	167	
23+87.15	120	345	
14+36.93	116	523	
14+86.48	119	809	
15+35.75	91	1191	
15+57	40	688	

Station	Uncl. Exc.	Embt	Undercut
YRPD	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
17+67	0	0	
17+83.42	0	1898	
18+32.18	0	4267	
18+80.68	0	4093	
19+28.88	61	2944	

Station	Uncl. Exc.	Embt	Undercut
YRPD	(cu. yd.)	(cu. yd.)	(cu. yd.)
19+76.75	350	1992	
20+24.27	897	1112	
20+71.40	1598	453	
21+18.13	2551	111	
21+64.43	3946	0	
22+12.86	5847	0	
22+61.00	7464	0	
23+08.82	8718	0	
23+56.29	9396	0	
24+03.38	6658	0	
24+31.30	2502	0	
24+90.27	5524	0	
25+47.14	4646	0	
26+02.31	3947	0	
26+56.02	3352	0	
27+08.46	2521	0	
27+59.82	1623	0	
28+11.42	635	0	

Station	Uncl. Exc.	Embt	Undercut
YRPBD	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
48+15	0	0	
48+50	3246	0	
49+00	5328	0	
49+50	5729	0	
50+00	6113	0	
50+50	6291	0	
51+00	6373	0	
51+50	6389	0	
52+00	6403	0	
52+50	6391	0	
53+00	6259	0	
53+50	5966	0	
54+00	5440	0	
54+50	4720	0	
55+00	3935	0	
55+50	3332	0	
56+00	2999	0	
56+50	2600	0	
57+00	1724	0	
57+28.96	676	0	
57+71.37	716	0	
58+15.06	257	118	
58+59.98	46	449	
59+06.01	1	756	
59+53.06	0	955	
60+01.00	0	1063	
60+49.68	0	961	
60+91	0	766	

Station	Uncl. Exc.	Embt	Undercut
Y8	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
10+12	0	0	
10+50	129	0	
11+00	294	0	
11+50	267	0	
12+00	268	0	
12+50	194	27	
13+00	86	460	
13+50	23	1321	
14+00	7	1417	
14+05	0	528	

Station	Uncl. Exc.	Embt	Undercut
Y8	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
17+75	0	231	
18+00	0	478	
18+50	0	1338	
19+00	69	1241	
19+50	270	525	
20+00	641	132	
20+50	1108	4	
21+00	1450	0	
21+50	1636	0	
22+00	1744	0	
22+17	554	0	

Station	Uncl. Exc.	Embt	Undercut
Y8DRIVE	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
10+12	0	0	
10+25	0	153	
10+50	0	601	
10+75	0	563	
11+00	0	450	
11+25	0	291	
11+50	0	120	
11+75	13	25	
11+95	11	1	

Station	Uncl. Exc.	Embt	Undercut
Y10A	(cu. yd.)	(cu. yd.)	(cu. yd.)
11+00	6	0	
11+50	36	2	
12+00	66	2	

Station	Uncl. Exc.	Embt	Undercut
Y10A	(cu. yd.)	(cu. yd.)	(cu. yd.)
12+50	67	0	
13+00	56	0	
13+50	48	4	
14+00	54	6	
14+50	82	7	
15+00	116	14	
15+50	124	12	
16+00	99	4	
16+10.32	18	0	
16+50	68	1	
17+00	75	6	
17+50	54	8	
18+00	46	12	
18+50	44	11	
19+00	38	7	
19+50	51	8	
19+99.99	56	8	
20+50	48	8	
21+00	41	7	
21+50	46	7	
21+99.09	52	6	
22+50	52	4	
23+00	47	4	
23+50	22	2	

Station	Uncl. Exc.	Embt	Undercut
SR1	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 2			
1+86	0	0	
2+00	0	0	
2+50	169	139	
3+00	90	283	
3+50	3	347	
4+00	0	462	
4+15.65	0	186	
4+50	0	598	
5+00	0	1207	
5+50	0	1626	
6+00	0	1972	
6+50	0	2741	616
7+00	0	3474	1236
7+50	0	2385	621
8+00	65	697	
8+50	774	61	
9+00	1995	0	
9+50	3006	0	
9+73.14	1583	0	
10+00	1782	0	
10+50	3057	0	
11+00	2737	0	
11+50	2454	0	

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I-3819A	X-1E

STATE OF NORTH CAROLINA
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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station	Uncl. Exc.	Embt	Undercut
SR1	(cu. yd.)	(cu. yd.)	(cu. yd.)
12+00	1952	0	
12+50	1211	0	
13+00	552	0	
13+50	135	187	
14+00	0	660	
14+50	0	1186	32
14+72.05	0	754	79
15+00	0	1059	130
15+50	0	1237	86
16+00	187	338	
16+50	746	0	
17+00	1324	0	
17+50	1630	0	
18+00	1693	0	
18+50	1562	0	
19+00	1380	0	
19+39.55	971	0	
19+50	240	0	
19+75.41	555	0	
20+00	505	0	
20+50	976	0	
21+00	924	0	
21+50	798	0	
22+00	585	0	
22+45.42	272	21	
22+50	12	4	
23+00	94	59	
23+50	62	66	
24+00	87	41	
24+50	113	9	
25+00	150	6	
25+50	214	13	
26+00	191	32	
26+50	132	43	
27+00	126	38	
27+50	112	49	
28+00	87	45	
28+50	90	17	
29+00	111	2	
29+50	114	0	
29+54.92	10	0	
30+00	69	8	
30+50	34	45	
31+00	16	96	
31+50	16	103	
32+00	36	57	
32+50	67	24	
33+00	97	19	
33+50	135	15	
34+00	246	7	
35+00	1091	0	
35+29.89	446	0	
35+50	292	0	

Station	Uncl. Exc.	Embt	Undercut
SR1	(cu. yd.)	(cu. yd.)	(cu. yd.)
36+00	610	0	
36+50	341	0	
36+68.36	78	0	

Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 3			
86+79.64			
87+00	0	1858	
87+50	0	3993	
88+00	0	4194	
88+50	0	3869	
89+00	0	3406	
89+50	0	2902	
90+00	0	2403	
90+50	0	2020	
90+91.50	0	4551	

Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)
LEFT SIDE			
PHASE I			
STEP 3			
148+50	0	663	
149+00	1	1253	
149+50	0	1126	
150+00	0	1002	
150+50	0	867	
151+00	0	764	
151+50	0	648	
152+00	0	452	
152+50	1	268	
153+00	6	170	
153+50	13	76	
154+00	95	11	
154+50	216	4	
155+00	298	0	
155+50	364	0	
156+00	355	0	
156+50	272	0	
157+00	137	0	
157+50	35	30	
158+00	27	33	
158+50	15	3	

Station	Uncl. Exc.	Embt	Undercut
L	(cu. yd.)	(cu. yd.)	(cu. yd.)
STEP 3			
154+00	0	0	
154+50	1216	5	
155+00	1134	3	
155+50	1062	1	
156+00	939	0	
156+50	783	0	
157+00	658	0	
157+50	554	0	
158+00	380	0	
158+50	226	0	
159+00	218	0	
159+50	261	1	
160+00	332	1	
160+50	416	0	
161+00	473	1	
161+50	528	2	
162+00	579	2	
162+50	620	0	
163+00	644	0	
163+50	675	0	
164+00	705	0	
164+50	664	0	
165+00	537	0	
165+50	454	0	
166+00	282	1	
166+50	168	7	
167+00	213	10	
167+50	168	8	
168+00	74	8	
168+50	13	4	
169+00	10	0	
169+50	3	0	
170+00	0	0	

Station	Uncl. Exc.	Embt	Undercut
YRPBD	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 3			
13+02.00	0	0	
13+13.19	121	0	
13+29.48	363	0	
13+769.32	1218	0	
14+04.00	856	0	
14+29.01	861	0	
14+77.13	1907	0	
15+24.63	2146	0	
15+71.37	2145	0	
16+11.52	1722	0	
16+50	1504	0	
17+00	1740	0	
17+50	1511	0	

Station	Uncl. Exc.	Embt	Undercut
YRPBD	(cu. yd.)	(cu. yd.)	(cu. yd.)
18+00	1309	0	
18+50	1072	0	
19+00	710	0	
19+50	355	36	
20+04.06	156	161	
20+50	48	340	
21+00	15	523	
21+50	2	596	
22+00	0	710	
22+08.19	0	125	
22+50	0	649	
23+00	0	782	
23+50	0	770	
24+00	0	767	
24+08.19	0	126	
24+50	0	694	
25+00	0	1059	
25+50	0	1321	
26+00	0	1470	

Station	Uncl. Exc.	Embt	Undercut
	(cu. yd.)	(cu. yd.)	(cu. yd.)
DETOUR			
-P2YRPB1-			
(-YRPBD- stations			
shown)			
13+25	0	0	
13+79.01	18	0	
14+33.16	18	1	
14+87.27	16	12	
15+40.74	13	65	
15+93.60	8	205	
16+46.09	15	358	
17+02.02	14	410	
17+49.25	0	376	
18+00.65	0	340	
18+52.05	0	131	
19+03.30	0	27	

Station	Uncl. Exc.	Embt	Undercut
YRPB	(cu. yd.)	(cu. yd.)	(cu. yd.)
PHASE I			
STEP 3			
13+99	0	0	
14+51.23	0	273	
15+03.83	0	536	
15+57.29	0	478	
16+00	7	310	
16+50	22	264	
17+00	43	149	
17+18.04	23	31	

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I-3819A	X-1F

STATE OF NORTH CAROLINA
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CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station YRPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
17+63.95	74	57	
18+10.58	109	44	
18+57.87	139	50	
19+05.74	167	47	
19+54.15	182	20	
20+03.02	167	2	
20+52.26	216	1	
21+01.81	404	0	
21+49.73	576	0	
21+98.16	662	0	
22+47.03	657	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
122+50	0	0	
123+00	27	14	
123+50	29	68	
124+00	26	97	
124+50	22	120	
125+00	15	208	
125+50	15	290	
126+00	12	320	
126+50	12	329	
127+00	15	374	
127+50	16	492	
128+00	17	626	
128+50	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
166+50	0	0	
167+00	150	9	
167+50	159	11	
168+00	169	2	
168+50	158	1	
169+00	126	2	
169+50	93	4	
170+00	68	7	
170+50	59	10	
171+00	58	16	
171+50	58	20	
172+00	55	16	
172+50	59	11	
173+00	64	23	
173+50	59	31	
174+00	58	25	
174+50	57	20	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
175+00	60	17	
175+50	64	17	
176+00	61	16	
176+50	60	15	
177+00	69	11	
177+50	77	3	
178+00	288	5	
178+50	531	7	
179+00	558	2	
179+50	537	0	
180+00	261	0	
180+50	0	0	
180+75	0	0	

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
13+60	0	0	
14+00	23	0	
14+50	35	4	
15+00	10	11	
15+50	4	75	
16+00	0	184	
16+50	0	283	
17+00	1	378	
17+50	1	673	
18+00	0	943	
18+50	0	991	
19+00	0	1006	
19+30.25	0	782	

Station Y1	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
21+55.08	0	0	
22+00	0	834	
22+50	0	767	
23+00	0	751	
23+50	0	431	
24+00	0	151	
24+50	0	152	
25+00	10	68	
25+50	50	18	
26+00	157	7	
26+50	236	4	
27+00	159	7	
27+50	53	4	
28+00	14	1	

Station Y1A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
10+25	0	0	
10+50	0	306	
11+00	0	669	
11+50	0	585	
12+00	0	369	
12+50	6	125	
12+90	9	8	

Station Y3	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
13+40	0	0	
13+50	5	0	
14+00	41	12	
14+50	22	33	
15+00	11	65	
15+50	11	153	
16+00	39	278	
16+50	62	441	
17+00	37	536	
17+50	14	524	

Station Y3A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 3			
10+75	0	0	
11+00	15	199	
11+50	31	402	
12+00	36	319	
12+50	47	179	
13+00	114	56	
13+50	225	6	
14+00	318	3	
14+50	379	3	
15+00	434	4	
15+50	492	3	
16+00	257	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
53+00		754	
53+50	0	1429	
54+00	0	1313	
54+50	0	1216	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
55+00	0	1075	
55+50	0	913	
56+00	0	738	
56+50	0	546	
57+00	16	299	
57+50	82	75	
58+00	222	0	
58+50	531	0	
59+00	801	0	
59+50	869	1	
60+00	922	2	
60+50	995	1	
61+00	1082	0	
61+50	1099	0	
62+00	998	0	
62+50	708	0	
63+00	455	0	
63+50	428	0	
64+00	450	1	
64+50	483	2	
65+00	523	6	
65+50	568	7	
66+00	609	6	
66+50	630	7	
67+00	667	7	
67+50	742	11	
68+00	831	14	
68+50	930	14	
69+00	1032	11	
69+50	1114	7	
70+00	1162	6	
70+50	1186	12	
71+00	1139	17	
71+50	865	45	
72+00	395	45	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR -P1S4EB2- (-L- stations shown)			
130+00	6	0	
130+50	14	0	
131+00	17	0	
131+50	19	0	
132+00	21	1	
132+50	20	5	
133+00	19	16	
133+50	19	14	
134+00	10	3	
134+50	31	0	

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I-3819A	X-1G

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
135+00	46	4	
135+50	22	24	
136+00	18	57	
136+50	20	93	
137+00	16	128	
137+50	14	145	
138+00	12	172	
138+50	9	212	
139+00	8	188	
139+50	8	119	
140+00	8	76	
140+50	44	35	
141+00	2559	6	
141+50	4622	11	
142+00	3820	23	
142+50	2813	30	
143+00	1752	31	
143+50	1072	21	
144+00	690	55	
144+50	283	130	
145+00	18	165	
145+50	17	188	
146+00	14	203	
146+50	15	211	
147+00	19	192	
147+50	18	81	
148+00	12	0	
148+50	5	0	
149+00	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
149+00	0	0	
149+00	0	0	
150+00	0	0	
150+50	0	0	
151+00	0	14	
151+50	0	37	
152+00	0	37	
152+50	0	19	
153+00	5	6	
153+50	17	0	
154+00	30	0	

Station YRPBD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
31+00	0	0	
31+50	6302	0	
32+00	7436	0	
32+50	6235	0	
33+00	5062	0	
33+50	4465	0	
34+00	4372	0	
34+50	4439	0	
35+00	4510	0	
35+50	4634	0	
36+00	6233	0	
36+50	5927	0	
37+00	4349	0	
37+50	4906	0	
38+00	6090	0	
38+50	7285	0	
39+00	8015	0	
39+50	8285	0	
40+00	8079	0	

Station YRPBD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
44+00	0	0	
44+50	12319	0	
45+00	10848	0	
45+50	8894	0	
46+00	7428	0	
46+50	6090	0	
47+00	4991	0	
47+50	4265	0	
48+00	4067	0	
48+15	1230	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
128+00	0	0	
128+50	13	0	
129+00	18	0	
129+50	29	0	
130+00	34	0	
130+50	43	0	
131+00	58	0	
131+50	53	0	
132+00	19	0	
132+50	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
143+50	0	0	
144+00	11	0	
144+50	20	4	
145+00	12	18	
145+50	14	35	
146+00	21	53	
146+50	21	53	
147+00	28	41	
147+50	31	71	
148+00	21	125	
148+50	8	160	
149+00	0	195	
149+50	0	213	
149+76.90	0	103	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 4			
150+96.40	0	0	
151+00	0	0	
151+50	0	54	
152+00	0	91	
152+50	62	91	
153+00	69	151	
153+50	8	201	
154+00	4	176	
154+50	20	105	
155+00	43	51	
155+50	51	25	
156+00	57	12	
156+50	63	13	
157+00	62	8	
157+50	43	0	
158+00	21	0	
158+50	21	0	
159+00	25	0	
159+50	30	0	
160+00	31	0	
160+50	32	0	
161+00	42	0	
161+50	48	0	
162+00	50	5	
162+50	65	4	
163+00	76	0	
163+50	76	0	
164+00	80	0	
164+50	86	0	
165+00	58	0	
165+50	23	1	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
69+00	1	1	
69+50	3	1	
70+00	2	2	
70+50	1	2	
71+00	1	1	
71+50	1	1	
72+00	1	8	
72+50	2	14	
73+00	3	23	
73+50	1	94	
74+00	0	156	
74+50	0	191	
75+00	0	236	
75+50	0	233	
76+00	0	242	
76+50	0	247	
77+00	0	243	
77+50	0	331	
78+00	0	563	
78+50	0	760	
79+00	0	924	
79+50	0	1181	
80+00	0	1457	
80+50	0	1733	
81+00	0	1940	
81+50	0	2133	
82+00	0	2308	
82+50	0	2470	
83+00	0	2682	
83+50	0	2811	
84+00	0	2758	
84+50	0	2679	
85+00	0	1337	
85+19.81	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
136+00	25	0	
136+50	57	2	
137+00	53	6	
137+50	29	21	
138+00	11	41	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1H

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
138+50	2	71	
139+00	0	108	
139+15.37	0	62	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
140+59.33	0	0	
141+00	0	123	
141+50	0	224	
142+00	0	197	
142+50	0	184	
143+00	0	155	
143+50	0	121	
144+00	8	54	
144+50	28	1	
145+00	40	1	
145+50	33	1	
146+00	25	0	
146+50	26	0	
147+00	28	0	
147+50	23	0	
148+00	14	0	
148+50	5	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
156+75	0	0	
157+00	325	7	
157+50	637	20	
158+00	619	24	
158+50	603	19	
159+00	518	11	
159+50	403	6	
160+00	325	10	
160+50	247	15	
161+00	189	20	
161+50	159	20	
162+00	146	17	
162+50	127	16	
163+00	101	16	
163+50	91	14	
164+00	83	10	
164+50	64	7	
165+00	47	7	
165+50	40	8	
166+00	18	3	

Station YRPBD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
40+00	0	0	
40+50	8017	120	
41+00	8167	117	
41+50	6371	0	
42+00	4410	0	

Station Y4RPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 5			
18+00	0	0	
18+50	0	0	
18+98.61	0	0	
19+49.08	0	166	
19+99.58	0	176	
20+50.09	0	199	
21+00.62	0	224	
21+51.17	0	251	
22+01.74	4	294	
22+52.33	25	360	
23+02.95	64	407	
23+53.59	95	407	
24+04.25	101	444	
24+54.58	69	488	
25+04.76	22	358	
25+50	0	227	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
26+00	0	0	
26+50	0	0	
27+00	0	0	
27+50	12	0	
28+00	26	4	
28+50	26	11	
29+00	27	14	
29+50	27	15	
30+00	25	13	
30+50	25	8	
31+00	28	3	
31+50	27	10	
32+00	24	20	
32+50	25	26	
33+00	24	28	
33+50	24	31	
34+00	25	54	
34+50	26	92	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
35+00	26	95	
35+50	24	68	
36+00	24	35	
36+50	128	7	
37+00	302	2	
37+50	427	1	
38+00	495	2	
38+50	551	2	
39+00	600	2	
39+50	570	2	
40+00	495	2	
40+50	440	1	
41+00	423	1	
41+50	374	1	
42+00	287	4	
42+50	233	3	
43+00	206	1	
43+50	208	4	
44+00	289	6	
44+50	339	7	
45+00	306	9	
45+50	280	6	
46+00	246	4	
46+50	249	3	
47+00	277	2	
47+50	276	3	
48+00	252	3	
48+50	159	3	
49+00	56	15	
49+50	24	407	
50+00	24	1100	
50+50	25	1612	
51+00	26	1823	
51+50	29	1730	
52+00	31	1587	
52+50	30	1511	
53+00	29	1486	
53+50	14	749	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
119+00	4	0	
119+50	28	0	
120+00	45	0	
120+50	45	2	
121+00	22	39	
121+50	4	88	
122+00	13	140	
122+50	23	242	
123+00	21	374	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
123+50	21	384	
124+00	25	222	
124+50	26	84	
125+00	28	28	
125+50	30	6	
125+65.18	8	1	
126+00	8	1	
126+50	0	0	
127+00	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
132+50	9	0	
133+00	24	0	
133+50	35	0	
134+00	44	1	
134+50	52	2	
135+00	61	1	
135+50	69	1	
136+00	93	1	
136+50	113	1	
137+00	106	1	
137+50	86	2	
138+00	59	5	
138+50	38	19	
139+00	20	34	
139+15.37	6	18	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
140+59.33	0	0	
141+00	0	101	
141+50	0	205	
142+00	0	206	
142+50	0	198	
143+00	0	164	
143+50	0	110	
144+00	6	72	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
144+00	0	0	
144+50	17	0	
145+00	33	0	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1I

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
145+50	50	0	
146+00	60	0	
146+50	60	0	
147+00	53	0	
148+00	41	0	
148+50	29	2	
149+00	24	6	
149+50	20	8	
150+00	16	6	
150+50	11	6	
151+00	11	5	
151+50	16	11	
152+00	23	16	
152+50	31	10	
153+00	40	3	
153+50	44	0	
154+00	42	0	
154+50	38	0	
155+00	30	0	
155+50	24	0	
156+00	23	0	
156+50	21	0	
157+00	22	0	
157+50	11	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
143+38	0	0	
143+50	0	0	
144+00	2	659	
144+50	1	570	
145+00	0	445	
145+50		432	
146+00		594	
146+50	0	682	
147+00	0	362	
147+50	0	60	
148+00	0	79	
148+50	0	116	
149+00	0	140	
149+50	0	74	
149+76.80	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
150+96.40	0	0	
151+00	0	0	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
151+50	0	28	
152+00	0	41	
152+50	0	28	
153+00	0	28	
153+50	0	143	
154+00	0	209	
154+50	5	104	
155+00	20	26	
155+50	54	1	
156+00	73	0	
156+50	45	0	
157+00	17	4	

Station YLPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
18+53.07	0	0	
18+82.28	13	112	
19+08.78	8	114	
19+50	5	238	
20+00	0	444	
20+42.51	0	483	

Station YRPBD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE I			
STEP 6			
26+00	0	0	
26+50	630	896	
27+00	1603	849	
27+50	2276	675	
28+00	3059	302	
28+50	4134	28	
29+00	5269	0	
29+50	6077	83	
30+00	5668	83	
30+50	4902	0	
31+00	4739	0	

Station (cu. yd.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR -P3S1WB2- (-L- stations shown)			
18+00	0	0	
18+50	0	0	
19+00	0	0	
19+50	0	0	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
20+00	6	0	
20+50	13	0	
21+00	12	1	
21+50	12	2	
22+00	12	3	
22+50	12	4	
23+00	12	6	
23+50	11	6	
24+00	11	8	
24+50	16	8	
25+00	23	8	
25+50	27	11	
26+00	27	18	
26+50	23	22	
27+00	22	18	
27+50	22	12	
28+00	24	10	
28+50	20	10	
29+00	16	8	
29+50	15	8	
30+00	15	8	
30+50	16	4	
31+00	18	1	
31+50	17	0	
32+00	16	1	
32+50	15	1	
33+00	8	0	

Station (cu. yd.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR -P3S1Y4RPA- (-L- stations shown)			
92+75	0	0	
93+00	5	0	
93+50	9	6	
94+00	15	7	
94+50	28	1	
95+00	38	0	
95+50	37	1	
96+00	25	3	
96+50	17	7	
97+00	13	9	
97+50	10	10	
98+00	11	10	
98+50	20	6	
99+00	24	3	
99+50	33	2	
100+00	35	1	
100+50	31	0	
101+00	32	0	

Station (cu. yd.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
101+50	30	0	
102+00	27	0	
102+50	17	0	
103+00	7	0	
103+50	6	0	
104+00	3	0	

Station (cu. yd.)	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR -P3S1WB3- (-L- stations shown)			
116+00	0	0	
116+50	7	0	
117+00	15	0	
117+50	16	1	
117+82.80	15	1	
118+00	12	0	
118+50	37	2	
118+80	13	3	
119+00	5	2	
119+50	16	3	
120+00	21	0	
120+50	20	0	
121+00	18	0	
121+50	18	1	
122+00	30	1	
122+50	31	1	
123+00	27	1	
123+50	29	5	
124+00	30	5	
124+50	32	4	
125+00	27	5	
125+50	22	3	
125+65.18	6	0	
126+00	13	1	
126+50	17	2	
127+00	17	2	
127+50	16	1	
128+00	16	1	
128+50	18	0	
129+00	9	0	
129+50	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
134+00	0	0	
134+50	0	0	
135+00	24	0	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1J

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
135+50	67	0	
136+00	103	0	
136+50	139	0	
137+00	174	0	
137+50	196	0	
138+00	216	0	
138+50	230	0	
139+00	207	0	
139+50	170	0	
140+00	139	0	
140+50	62	0	
141+00	0	10	
141+50	29	25	
142+00	56	40	
142+50	50	49	
143+00	52	46	
143+50	70	30	
144+00	110	8	
145+00	169	0	
145+50	203	0	
146+00	224	0	
146+50	235	0	
147+00	236	0	
147+50	207	0	
148+00	88	0	
148+50	3	2	
149+00	1	6	
149+50	0	13	
150+00	0	24	
150+50	0	44	
151+00	0	44	
151+50	0	14	
152+00	0	0	
152+50	0	0	
153+00	0	0	
153+50	0	0	

Station YRPBD	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
42+00	0	0	
42+50	4586	0	
43+00	4838	0	
43+50	5655	0	
44+00	9514	0	
	24,593		

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
144+00	0	4	
144+50	0	5	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
145+00	0	3	
145+50	0	10	
146+00	0	22	
146+50	0	31	
147+00	0	53	
147+50	0	75	
148+00	0	85	
148+50	0	92	
149+00	0	92	
149+50	0	86	
149+76.90	0	41	

Station Y	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
150+96.40	0	0	
151+00	0	0	
151+50	0	57	
152+00	0	114	
152+50	0	111	
153+00	0	99	
153+50	0	73	
154+00	0	59	
154+50	0	53	
155+00	0	31	
155+50	0	18	
156+00	0	13	
156+50	0	10	
157+00	0	6	
157+50	0	7	
158+00	0	9	
158+50	0	8	
159+00	0	9	
159+50	0	11	
160+00	0	5	

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
36+50	6	0	
37+00	27	2	
37+50	44	2	
38+00	28	1	
38+50	7	1	
39+00	2	1	
39+50	5	0	
40+00	47	7	
40+50	72	7	
40+80	0	7	

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
10+50	0	0	
11+00	42	18	
11+50	42	34	
12+00	17	37	
12+50	2	10	
13+00	0	27	
13+50	1	32	
14+00	3	9	
14+50	4	17	
15+00	2	14	
15+50	4	12	
16+00	12	21	
16+11.43	4	4	

Station Y5A	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
10+00	0	0	
10+50	42	2	
11+00	202	2	
11+50	459	0	
12+00	637	0	
12+50	747	0	
13+00	666	0	
13+50	467	163	
14+00	412	462	
14+50	398	544	
15+00	377	379	
15+50	358	146	
16+00	404	12	

Station Y8	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE II			
22+17	0	0	
22+50	663	0	
22+55	26	0	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P3S1Y4RPB1-			
(-L- stations			
shown)			
59+00	0	0	
59+50	0	0	
60+00	0	0	
60+50	1	0	
61+00	2	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
61+50	3	0	
62+00	3	0	
62+50	3	0	
63+00	3	0	
63+50	3	0	
64+00	4	0	
64+50	4	0	
65+00	4	0	
65+50	5	0	
66+00	5	0	
66+50	4	0	
67+00	4	0	
67+50	4	0	
68+00	4	0	
68+50	4	0	
69+00	4	0	
69+50	4	0	
70+00	5	0	
70+50	26	0	
71+00	60	0	
71+50	89	0	
72+00	101	0	
72+50	95	0	
73+00	93	0	
73+50	84	0	
74+00	66	0	
74+50	53	0	
75+00	33	0	
75+50	12	0	
76+00	6	0	
76+50	1	0	
77+00	0	0	
77+50	0	0	
78+00	5	8	
78+50	16	30	
79+00	17	56	
79+50	7	72	
80+00	3	347	
80+50	5	664	
81+00	11	762	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 1			
81+00	0	0	
81+50	6	929	
82+00	0	1154	
82+50	0	1356	
83+00	0	1558	
83+50	0	1735	
84+00	0	1885	

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-1K

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
84+50	0	2331	
85+00	0	2783	
85+19.81	0	2068	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 1			
93+16.50	0	120	
93+50	1	578	
94+00	23	671	
94+50	35	412	
95+00	12	395	
95+50	0	374	
96+00	0	428	
96+50	0	551	
97+00	0	591	
97+50	0	617	
98+00	0	689	
98+50	0	750	
99+00	0	872	
99+50	0	962	
100+00	0	955	
100+50	0	940	
101+00	0	925	
101+50	0	938	
102+00	0	949	
102+50	0	924	
103+00	0	896	
103+50	0	880	
104+00	4	920	
104+50	15	954	
105+00	29	926	
105+50	42	896	
106+00	47	861	
106+50	44	834	
107+00	40	816	
107+50	31	800	
108+00	15	791	
108+50	8	780	
109+00	5	757	
109+50	1	740	
110+00.43	0	717	
110+50	0	663	
111+00	0	633	
111+50	0	582	
112+00	0	545	
112+50	0	520	
113+00	0	531	
113+50	1	512	
113+72.92	1	188	
114+00	4	184	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
114+40.38	17	244	
114+50	6	54	
115+00	48	251	
115+50	109	183	
116+00	211	111	
116+50	351	58	
117+00	526	21	
117+50	749	4	
118+00	440	2	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 2			
26+00	0	0	
26+50	19	1	
27+00	33	2	
27+50	25	3	
28+00	42	3	
28+50	41	6	
29+00	25	6	
29+50	38	4	
30+00	66	8	
30+50	111	10	
31+00	94	10	
31+50	55	12	
32+00	65	13	
32+50	78	12	
33+00	90	14	
33+50	111	16	
34+00	128	15	
34+50	131	16	
35+00	124	16	
35+50	118	14	
36+00	261	14	
36+50	433	13	
37+00	498	13	
37+50	547	15	
38+00	718	21	
38+50	923	26	
39+00	968	23	
39+50	926	23	
40+00	851	29	
40+50	803	30	
41+00	774	30	
41+50	746	31	
42+00	646	27	
42+50	541	31	
43+00	409	29	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 2			
43+50	344	17	
44+00	491	11	
44+50	618	11	
45+00	691	15	
45+50	782	14	
46+00	930	9	
46+50	1075	4	
47+00	1130	3	
47+50	1135	3	
48+00	1117	2	
48+50	1058	2	
49+00	840	2	
49+50	438	18	
50+00	143	189	
50+50	72	475	
51+00	64	684	
51+50	62	792	
52+00	65	813	
52+50	65	866	
53+00	59	1049	
53+50	47	1331	
54+00	36	1736	
54+50	31	2192	
55+00	27	2451	
55+50	16	2440	
56+00	9	2230	
56+50	14	1846	
57+00	17	1366	
57+50	22	871	
58+00	22	466	
58+50	17	217	
59+00	18	88	
59+50	57	42	
60+00	134	21	
60+50	212	6	
61+00	312	3	
61+50	386	1	
62+00	443	1	
62+50	517	0	
63+00	547	0	
63+50	527	1	
64+00	522	1	
64+50	539	0	
65+00	541	0	
65+50	544	0	
66+00	536	0	
66+50	493	2	
67+00	459	3	
67+50	452	2	
68+00	456	4	
68+50	438	10	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
69+00	407	13	
69+50	390	13	
70+00	370	14	
70+50	338	13	
71+00	295	13	
71+50	239	15	
72+00	161	22	
72+50	58	28	
73+00	0	108	
73+50	0	161	
74+00	0	142	
74+50	0	149	
75+00	0	127	
75+50	0	87	
76+00	15	42	
76+50	37	12	
77+00	69	7	
77+50	123	4	
78+00	77	1	

Station Y4RPA	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 2			
22+00	0	49	
22+27.98	62	19	
22+78.19	162	2	
23+28.40	153	0	
23+65	111	0	

Station Y4RPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 2			
13+40.60	0	3	
13+91.34	159	9	
14+42.26	123	19	
14+93.26	60	31	
15+44.19	21	19	
15+94.94	14	0	
16+45.40	35	0	
16+50	4	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
72+00	14	0	
72+50	27	12	
73+00	26	27	

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I-3819A	X-1L

STATE OF NORTH CAROLINA
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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
73+50	27	27	
74+00	25	21	
74+50	23	16	
75+00	29	9	
75+50	43	2	
76+00	56	0	
76+50	67	0	
77+00	70	0	
77+50	62	2	
78+00	49	24	
78+50	40	72	
79+00	19	131	
79+50	37	244	
80+00	139	695	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
86+79.64	0	0	
87+00	0	0	
87+50	0	1319	
88+00	0	2539	
88+50	0	2321	
89+00	0	2068	
90+00	0	1844	
90+50	0	1700	
90+91.50	0	2429	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
93+16.50	0	0	
93+50	0	114	
94+00	0	205	
94+50	0	184	
95+00	0	179	
95+50	0	168	
96+00	0	117	
96+50	0	75	
97+00	0	89	
97+50	0	103	
98+00	0	121	
98+50	0	143	
99+00	0	77	

Station	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
DETOUR			
-P4WB3-			
(-L- stations			
shown)			
116+25	0	0	
116+50	0	0	
117+00	17	0	
117+50	36	0	
117+82.80	27	0	
118+00	16	0	
118+50	49	0	
118+80	31	0	
119+00	28	0	
119+50	77	3	
120+00	78	3	
120+50	79	0	
121+00	42	23	
121+50	10	48	
122+00	11	62	
122+50	17	72	
123+00	17	80	
123+50	16	74	
124+00	21	45	
124+50	25	24	
125+00	25	10	
125+50	23	3	
125+65.18	7	1	
126+00	17	0	
126+50	13	0	
127+00	0	0	
127+00	0	0	
128+00	0	0	
128+50	0	0	

Station Y4RPA	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
22+00	0	0	
22+27.98	56	0	
22+78.19	184	0	
23+28.40	165	0	
23+65	48	0	

Station Y4RPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
16+45.40	0	0	
16+95.52	106	0	
17+45.31	122	0	

Station Y4RPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
17+94.86	141	0	
18+44.28	201	0	
18+93.66	278	0	
19+43.05	340	0	
19+92.89	408	0	
20+42.92	284	0	
20+92.94	124	0	
21+42.97	103	0	
21+92.99	101	1	

Station Y5	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE III			
STEP 3			
20+94.19	0	0	
21+54.56	14	23	
22+10.71	14	13	
22+64.09	13	20	
23+15.67	12	21	
23+66.18	12	8	
24+16.23	12	6	
24+66.23	12	7	
25+16.23	12	7	
25+66.23	12	7	
26+16.23	12	7	
26+66.23	12	7	
27+16.23	12	3	
27+66.12	16	0	
28+16.23	18	0	
28+66.23	18	0	
29+16.23	19	0	
29+66.25	15	2	
30+16.25	9	3	
30+66.25	8	4	
31+16.25	8	5	
31+66.25	7	5	
32+16.25	7	5	
32+66.25	7	4	
33+16.25	7	5	
33+66.25	7	8	
34+16.25	6	10	
34+66.25	6	9	
35+16.25	6	4	
35+66.68	7	0	
36+15.89	6	0	
36+65.52	6	0	
37+15.16	7	0	
37+64.79	7	0	
38+14.42	6	0	
38+64.05	5	0	
39+13.67	4	0	
39+36.42	1	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
19+50	0	0	
20+00	3	0	
20+50	6	0	
21+00	9	0	
21+50	12	0	
22+00	16	0	
22+50	22	0	
23+00	25	0	
23+50	29	0	
24+00	35	1	
24+50	39	6	
25+00	39	12	
25+50	45	17	
26+00	59	18	
26+50	56	8	
27+00	44	4	
27+50	37	13	
28+00	32	18	
28+50	35	14	
29+00	36	8	
29+00	36	6	
29+50	29	7	
30+00	17	4	
30+50	11	0	
31+00	7	0	
31+50	6	0	
32+00	3	0	
32+50	1	0	
33+00	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
46+00	0	0	
46+50	1	0	
47+00	3	0	
47+50	6	0	
48+00	9	0	
48+50	12	0	
49+00	15	0	
49+50	21	0	
50+00	27	0	
50+50	32	0	
51+00	33	0	
51+50	33	0	
52+00	32	0	
52+50	32	0	
53+00	36	0	
53+50	45	0	
54+00	56	0	
54+50	64	0	

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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
55+00	68	0	
55+50	83	0	
56+00	102	0	
56+50	125	0	
57+00	139	0	
57+50	138	0	
58+00	137	0	
58+50	135	0	
59+00	133	0	
59+50	130	0	
60+00	129	0	
60+50	130	0	
61+00	130	0	
61+50	132	0	
62+00	137	0	
62+50	137	0	
63+00	134	0	
63+50	133	0	
64+00	129	0	
64+50	125	0	
65+00	121	0	
65+50	117	0	
66+00	113	0	
66+50	107	0	
67+00	101	0	
67+50	93	0	
68+00	88	0	
68+50	88	0	
69+00	87	0	
69+50	84	0	
70+00	78	0	
70+50	54	2	
71+00	28	20	
71+50	18	45	
72+00	13	55	
72+50	11	54	
73+00	9	43	
73+50	8	29	
74+00	13	19	
74+50	21	16	
75+00	25	15	
75+50	26	18	
76+00	24	24	
76+50	23	29	
77+00	22	33	
77+50	14	44	
78+00	5	75	
78+50	0	238	
79+00	0	450	
79+50	0	609	
80+00	0	770	
80+50	0	929	
81+00	0	1095	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
81+50	0	1229	
82+00	0	1377	
82+50	0	1539	
83+00	0	1657	
83+50	0	1863	
84+00	0	2181	
84+50	0	2369	
84+85	0	2172	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
87+10	0	416	
87+50	0	1264	
88+00	0	1651	
88+50	0	1580	
89+00	0	1484	
89+50	0	1405	
90+00	0	1334	
90+50	0	1209	
90+91.50	0	572	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
93+16.50	0	0	
93+50	0	625	
94+00	0	1067	
94+50	0	862	
95+00	0	838	
95+50	0	828	
96+00	0	816	
96+50	0	852	
97+00	0	911	
97+50	0	938	
98+00	0	937	
98+50	0	941	
99+00	0	976	
99+50	0	1049	
100+00	0	1129	
100+50	0	1188	
101+00	0	1255	
101+50	0	1316	
102+00	0	1357	
102+50	0	1380	
103+00	0	1392	
103+50	0	1411	
104+00	0	1373	
104+50	0	1325	
105+00	0	1329	
105+50	0	1337	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
106+00	0	1333	
106+50	0	1312	
107+00	0	1292	
107+50	0	1277	
108+00	0	1276	
108+50	0	1252	
109+00	0	1211	
109+50	0	1184	
110+00.43	0	1161	
110+50	0	1090	
111+00	0	952	
111+50	0	776	
112+00	0	663	
112+50	0	558	
113+00	0	496	
113+50	0	514	
113+72.92	0	250	
114+00	0	287	
114+40.38	0	425	
114+50	0	106	
115+00	0	574	
115+50	0	604	
116+00	0	624	
116+50	3	593	
117+00	5	501	
117+50	6	377	
117+82.80	11	181	
118+00	7	78	
118+50	38	180	
118+80	41	75	
119+00	24	23	
119+50	42	14	
120+00	41	50	
120+50	40	74	
121+00	34	67	
121+50	109	59	
122+00	115	31	
122+50	45	3	
123+00	46	0	
123+0	52	0	
124+00	65	0	
124+50	68	1	
125+00	67	1	
125+50	68	0	
125+65.18	20	0	
126+00	46	0	
126+50	48	0	
127+00	24	0	
127+50	16	0	
128+00	12	0	
128+50	7	0	
129+00	6	0	
129+50	3	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
130+00	0	0	
130+50	0	0	
131+00	0	0	

Station YRPC	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
17+65.71	0	0	
18+00	108	26	
18+50	150	17	
19+00	130	5	
19+50	103	8	
20+00	68	11	
20+55.25	36	190	
21+00	13	234	
21+50	24	186	
22+00	33	106	
22+55.25	36	15	
22+60	3	0	

Station Y4RPB	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
16+45.40	0	0	
16+95.52	35	0	
17+45.31	34	0	
17+94.86	83	0	
18+44.28	152	0	
18+93.66	210	0	
19+43.05	267	0	
19+92.89	327	0	
20+42.92	373	0	
20+92.94	373	0	
21+42.97	327	0	
21+92.99	147	0	

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
10+90	0	0	
11+00	0	0	
11+50	57	2	
12+00	63	109	
12+50	45	166	
13+00	46	79	
13+50	54	39	
14+00	50	31	
14+50	41	28	
15+00	33	43	
15+50	30	45	

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NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

Station Y4	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
16+00	24	65	
16+50	15	92	
17+00	15	78	
17+50	15	58	
18+00	24	66	
18+50	20	55	
19+00	24	46	
19+50	54	46	
20+00	87	20	
20+50	95	7	
21+00	57	9	
21+50	25	15	
22+00	16	43	
22+50	20	49	
23+00	18	42	
23+50	13	86	
24+00	14	100	
24+50	4	115	
25+00	0	167	
25+50	18	207	
26+00	275	181	
26+50	865	76	
27+00	1465	6	
27+50	1734	1	
28+00	1536	211	
28+50	724	744	
29+00	85	557	
29+50	45	39	
29+55	4	3	
30+00	192	15	
30+50	350	57	
31+00	350	79	
31+26	381	14	
31+50	411	2	
32+00	842	15	
32+50	482	12	
33+00	129	8	
33+50	55	10	
34+00	49	6	
34+50	33	4	
34+90	11	0	

Station Y2DW	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE IV			
10+00	0	0	
10+50	70	4	
11+00	71	16	
11+50	86	13	
12+00	164	0	
12+50	361	3	
13+00	639	3	
13+50	750	7	
14+00	803	7	
14+50	861	3	
15+00	787	24	
15+50	698	23	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE V			
STEP 1			
25+00	0	0	
25+50	0	0	
26+00	0	0	
26+50	0	0	
27+00	0	0	
27+50	1	0	
28+00	7	0	
28+50	15	0	
29+00	20	0	
29+50	24	0	
30+00	28	0	
30+50	29	0	
31+00	29	0	
31+50	39	0	
32+00	55	0	
32+50	66	0	
33+00	67	0	
33+50	71	0	
34+00	97	0	
34+50	108	0	
35+00	110	0	
35+50	111	0	
36+00	72	0	
36+50	44	0	
37+00	58	0	
37+50	57	0	
38+00	44	1	
38+50	45	3	
39+00	46	3	
39+50	44	2	
40+00	42	2	
40+50	39	3	
41+00	36	3	
41+50	35	2	
42+00	37	1	
42+50	23	0	
43+00	5	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE V			
STEP 1			
43+00	0	0	
43+50	25	3	
44+00	56	3	
44+50	66	0	
45+00	67	0	
45+50	70	0	
46+00	67	0	
46+50	51	0	
47+00	40	0	
47+50	39	0	
48+00	35	0	
48+50	32	0	
49+00	20	0	
49+50	5	11	
50+00	0	21	
50+50	0	19	
51+00	0	16	
51+50	0	11	
52+00	0	9	
52+50	0	8	
53+00	0	9	
53+50	0	5	
54+00	0	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
PHASE V			
STEP 1			
72+00	7	0	
72+50	38	0	
73+00	69	0	
73+50	69	0	
74+00	85	0	
74+50	116	0	
75+00	131	0	
75+50	145	0	
76+00	157	0	
76+50	174	0	
77+00	199	0	
77+50	226	0	
78+00	223	0	
78+50	203	0	
79+00	196	0	
79+50	185	0	
80+00	178	0	
80+50	178	0	
81+00	182	0	
81+50	183	0	
82+00	183	0	
82+50	185	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
83+00	187	0	
83+50	186	0	
84+00	168	0	
84+50	146	0	
85+00	71	0	

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
94+00	106	0	
94+50	208	0	
95+00	185	0	
95+50	143	0	
96+00	116	0	
96+50	106	0	
97+00	79	0	
97+50	61	16	
98+00	67	24	
98+50	80	9	
99+00	102	1	
99+50	121	0	
100+00	104	13	
100+50	87	28	
101+00	84	27	
101+50	85	25	
102+00	91	25	
102+50	92	25	
103+00	104	24	
103+50	147	31	
104+00	249	20	
104+50	315	0	
105+00	308	0	
105+50	302	0	
106+00	296	0	
106+50	293	0	
107+00	289	0	
107+50	282	0	
108+00	273	0	
108+50	262	0	
109+00	250	0	
109+50	352	0	
110+00.43	470	0	
110+50	476	0	
111+00	489	0	
111+50	491	0	
112+00	492	0	
112+50	475	0	
113+00	459	0	
113+50	452	0	
113+72.92	201	0	
114+00	235	0	

3312 0

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-10

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CROSS-SECTION SUMMARY

NOTE: EMBANKMENT COLUMN INCLUDES BACKFILL FOR UNDERCUT

Station L	Uncl. Exc. (cu. yd.)	Embt (cu. yd.)	Undercut (cu. yd.)
114+40.38	341	0	
114+50	78	0	
115+00	382	0	
115+50	332	0	
116+00	281	0	
116+50	239	0	
117+00	211	0	
117+50	193	0	
117+82.80	103	0	
118+00	49	0	
118+50	154	0	
118+80	106	0	
119+00	73	0	
119+50	142	0	
120+00	145	0	
120+50	251	0	
121+00	374	0	
121+50	335	25	
122+00	264	25	
122+50	309	7	
123+00	360	28	
123+0	329	62	
124+00	217	70	
124+50	125	41	
125+00	82	18	
125+50	65	12	
125+65.18	19	2	
126+00	52	2	

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PROJ. REFERENCE NO. I-3819A

SHEET NO. X-2

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860

P3S1WB2
10+27.24

EX. EOT

EX. EOT

878.70

18+50.00

879.79

18+00.00

880.64

17+50.00

-4-

9/20/2011 \\xsc\3819a_rdy_xpl_11_LT.dgn
Roadway Explorer by Hutchison, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-3

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850

EX. R/W

P3S1WB2
11+77.24

EX. EOT

EX. EOT

876.03

20+00.00

900 890 880 870 860

EX. R/W

P3S1WB2
11+27.24

EX. EOT

EX. EOT

876.03

19+50.00

900 890 880 870 860

P3S1WB2
10+77.24

EX. EOT

EX. EOT

877.46

19+00.00

900 890 880 870 860

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

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0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-4

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900
890
880
870
860
850

P3S1WB2-
12+77.26

873.20

EX. R/W

EX. EOT

EX. EOT

21+00.00

P3S1WB2-
12+27.25

873.15

EX. R/W

EX. EOT

EX. EOT

20+50.00

4

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Florence & Hutchason, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-5

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850 840 830

P3S1WB2-
13+77.30

87.79

EX. EOT

EX. EOT

EX. PVI

22+00.00

P3S1WB2-
13+27.28

872.40

EX. EOT

EX. EOT

EX. PVI

21+50.00

-4-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson Inc.

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0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-6

P3S1WB2
14+77.37

B7633

EX. EOT

EX. EOT

EX. R/W

23+00.00

P3S1WB2
14+27.33

B7648

EX. EOT

EX. EOT

EX. R/W

22+50.00

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Bentley Systems, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-7

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850 840 830 820

EX. EOT

EX. R/W

EX. EOT

EX. R/W

P3S1WB2
15+77.48

B7L52

EX. EOT

EX. EOT

24+00.00

EX. R/W

P3S1WB2
15+27.42

B7L33

EX. R/W

EX. EOT

EX. EOT

23+50.00

-4-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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P:\Roadway\Xsc\i3819a_rdy_xpl_11_LT.dgn
Florence & Hutchison Jobs

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-8

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850 840 830

EX. R/W
EX. EOT
EX. EO
EX. R/W
EX. R/W
EX. EOT
EX. EOT

–P3S1WB2–
16+77.63
872.45

25+00.00

EX. R/W
EX. EOT
EX. R/W
EX. R/W
EX. EOT
EX. EOT

–P3S1WB2–
16+27.55
871.93

24+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutchason Inc.

8/23/22

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-9

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850 840

EX. R/W

EX. EOT

EX. EOT

EX. R/W

EXIST.

EXIST.

EX. EOT

EX. EOT

P3S1WB2-
17+77.83

LT2
26+00.00

873.63

26+00.00

900 890 880 870 860 850 840

EX. R/W

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

P3S1WB2-
7+27.72

873.10

25+50.00

L

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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R:\Roadway\Xsec\3819e_rdy_xpl_11_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850 840

EX. R/W
EX. EOT
EX. EOT
EX. R/W
NOISE WALL
EX. EOT
EX. EOT

P3S1WB2-
8+78.07

L LT2-
27+00.01

A-1 B 0.020 0.000 4:1

875.32

27+00.00

EX. R/W
EX. EOT
EX. EOT
EX. R/W
NOISE WALL
EX. EOT
EX. EOT

P3S1WB2-
18+27.95

L LT2-
26+50.01

A-1 B 0.020 0.010 4:1

874.40

26+50.00

9/20/2011
R:\Roadway\Xsc\I3819a_rdy_xpl_l1_LT.dgn
Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-11

NOISE WALL

EX. RAW

EX. EOT

EX. EOT

EX. RAW

EX. EOT

EX. EOT

L LT2
28+50.03

6.674:1

0.020

6:1

877.40

28+50.00

NOISE WALL

EX. RAW

EX. EOT

EX. EOT

EX. RAW

EX. EOT

EX. EOT

L LT2
28+00.03

4:1

0.020

0.010

6:1

876.70

28+00.00

NOISE WALL

EX. RAW

EX. EOT

EX. EOT

EX. RAW

EX. EOT

EX. EOT

L LT2
27+50.02

4:1

0.020

0.010

6:1

876.05

27+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850

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R:\Roadway\Xsc\I3819a_rdy_xp1_11_LT.dgn
Torrance & Hutcheson, PBS

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-12

NOISE WALL

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

SB

2:1

0.020

6:1

875.30

30+00.00

NOISE WALL

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

SB

4:1

0.020

6:1

L LT2
29+50.05

876.74

29+50.00

NOISE WALL

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

SB

4:1

0.020

6:1

L LT2
29+00.04

876.22

29+00.00

L

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Lorance & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-13

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870 860

EX. BOW

EX. EOT

EX. EOT

EX. EOT

EX. EOT

NOISE WALL

RETAINING WALL

0.020

6:1

88.2i

31+00.00

NOISE WALL

2:1

0.020

6:1

88C.20

30+50.00

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl.11.LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-14

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870 860

NOISE WALL

EX. R/W

EX. EOT

EX. EOT

RETAINING WALL

0.020

0.020

6:1

882.29

EX. EOT

EX. EOT

32+00.00

920 910 900 890 880 870 860

NOISE WALL

EX. R/W

EX. R/W

EX. EOT

EX. EOT

RETAINING WALL

0.020

6:1

881.75

EX. EOT

EX. EOT

31+50.00

920 910 900 890 880 870 860

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-15

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870 860

NOISE WALL

EX. R/W

RETAINING WALL

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. R/W

0.020

0.020

6:1

883.78

33+00.00

NOISE WALL

EX. R/W

RETAINING WALL

EX. EOT

EX. EOT

EX. EOT

EX. EOT

0.020

0.020

6:1

883.01

32+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
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Florence & Hutcheson, Inc.

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PROJ. REFERENCE NO. I-3819A | SHEET NO. X-16

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870 860

NOISE WALL

EX. RAW

EX. EOT

℄

EX. EOT

EX. RTW

RETAINING WALL

VAR

0.020

0.020

6:1

884.49

EX. EOT

EX. EOT

34+00.00

920 910 900 890 880 870 860

NOISE WALL

EX. RAW

EX. RTW

℄

RETAINING WALL

EX. EOT

EX. EOT

0.020

0.020

6:1

884.50

EX. EOT

EX. EOT

33+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Xsc\13819a_rdy_xpl_11_LT.dgn
Florence & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-17

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

EX. R/W

EX. EOT

EX. EOT

-L-

NOISE WALL

EX. R/W

RETAINING WALL

VAR.

0.020

0.020

6:1

886.57

EX. EOT

EX. EOT

35+00.00

930 920 910 900 890 880 870 860

EX. R/W

NOISE WALL

EX. R/W

EX. EOT

EX. EOT

-L-

RETAINING WALL

VAR.

0.020

0.020

6:1

885.95

EX. EOT

EX. EOT

34+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Xsc\I3819a_rdy_xpl_11_LT.dgn
Florence & Hutcheson, Inc.

-4-

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-18

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

EX. R/W
EX. EOT
℄
EX. EOT
EX. R/W
EX. R/W
NOISE WALL
2:1
6:1
886.38
0.020
0.020
6:1
887.53
EX. EOT
EX. EOT
36+00.00

NOISE WALL OVERLAP
EX. R/W
NOISE WALL
EX. R/W
RETAINING WALL
EX. EOT
℄
EX. EOT
VAR
0.020
0.020
6:1
887.02
EX. EOT
EX. EOT
35+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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R:\Roadway\Xsc\3819a_rdy_xpl_ll_LT.dgn
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8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-19

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

EX. R/W

EX. EOT

EX. EOT

EX. R/W

EX. R/W

NOISE WALL

2:1

6:1

886.88

0.020

0.020

6:1

886.03

EX. EOT

EX. EOT

37+00.00

940 930 920 910 900 890 880 870

EX. R/W

EX. EOT

EX. R/W

EX. R/W

NOISE WALL

2:1

6:1

886.63

0.020

0.020

6:1

887.90

EX. EOT

EX. EOT

36+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Ed Roadway
Florence & Hutchison Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-20

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

EX. R/W
EX. EOT
EX. R/W
NOISE WALL
EX. R/W
2:1
6:1
0.020
0.020
8:1
6:1
886.45
888.52
888.11
EX. EOT
EX. EOT

38+00.00

EX. R/W
EX. R/W
EX. R/W
NOISE WALL
EX. EOT
EX. EOT
2:1
6:1
0.020
0.020
6:1
887.13
888.03
EX. EOT
EX. EOT

37+50.00

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0 5 10

PROJ. REFERENCE NO.	SHEET NO.
Y-3819A	X-21

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

NOISE WALL

EX. RAW

EX. EOT

EX. EOT

EX. EOT

EX. EOT

2:1

6:1

886.18

0.020

0.020

6.8:1

6.7:1

888.22

887.92

39+00.00

930 920 910 900 890 880 870

NOISE WALL

EX. RAW

EX. RAW

EX. EOT

EX. EOT

EX. EOT

EX. EOT

2:1

6:1

886.36

0.020

0.020

7.45:1

7.7:1

888.37

887.92

38+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-22

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870

EX. R/W

NOISE WALL

EX. R/W

2%

6:1

885.55

0.020

0.020

6:1 6:1

887.92

887.27

EX. EOT

EX. EOT

40+00.00

EX. EOT

EX. R/W

NOISE WALL

EX. R/W

EX. EOT

2%

6:1

885.91

0.020

0.020

6:1 6:1

888.07

887.66

EX. EOT

39+50.00

920 910 900 890 880 870

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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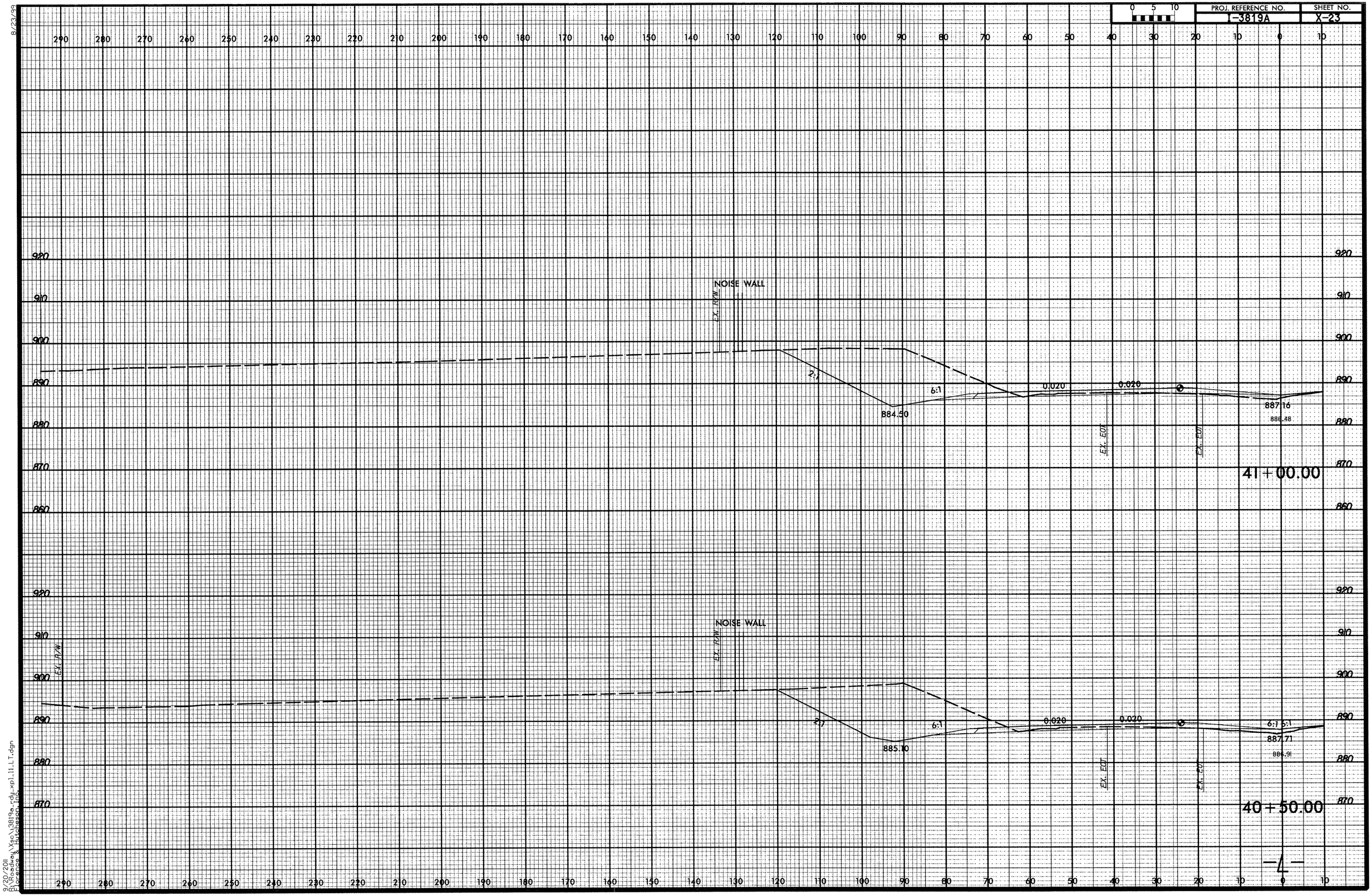
Florence & Hutcheson, Inc.

8/22/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-23



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Florence & Hutcheson Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-24

NOISE WALL

EX. R/W

2:1

0.020

0.020

885.81

885.30

EX. EOT

EX. EOT

42+00.00

NOISE WALL

EX. R/W

2:1

6:1

884.25

0.020

0.020

886.53

885.91

EX. EOT

EX. EOT

41+50.00

9/20/2011
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9/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-25

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

920 910 900 890 880 870 860

EX. R/W

EX. EOT

1.5:1

0.020

0.020

884.10

883.80

EX. EOT

EX. EOT

43+00.00

EX. R/W

2:1

0.020

0.020

885.02

882.77

EX. EOT

EX. EOT

42+50.00

-4-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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FL\Georgia & Hutchinson, Inc.

9/23/2011
9/20/2011
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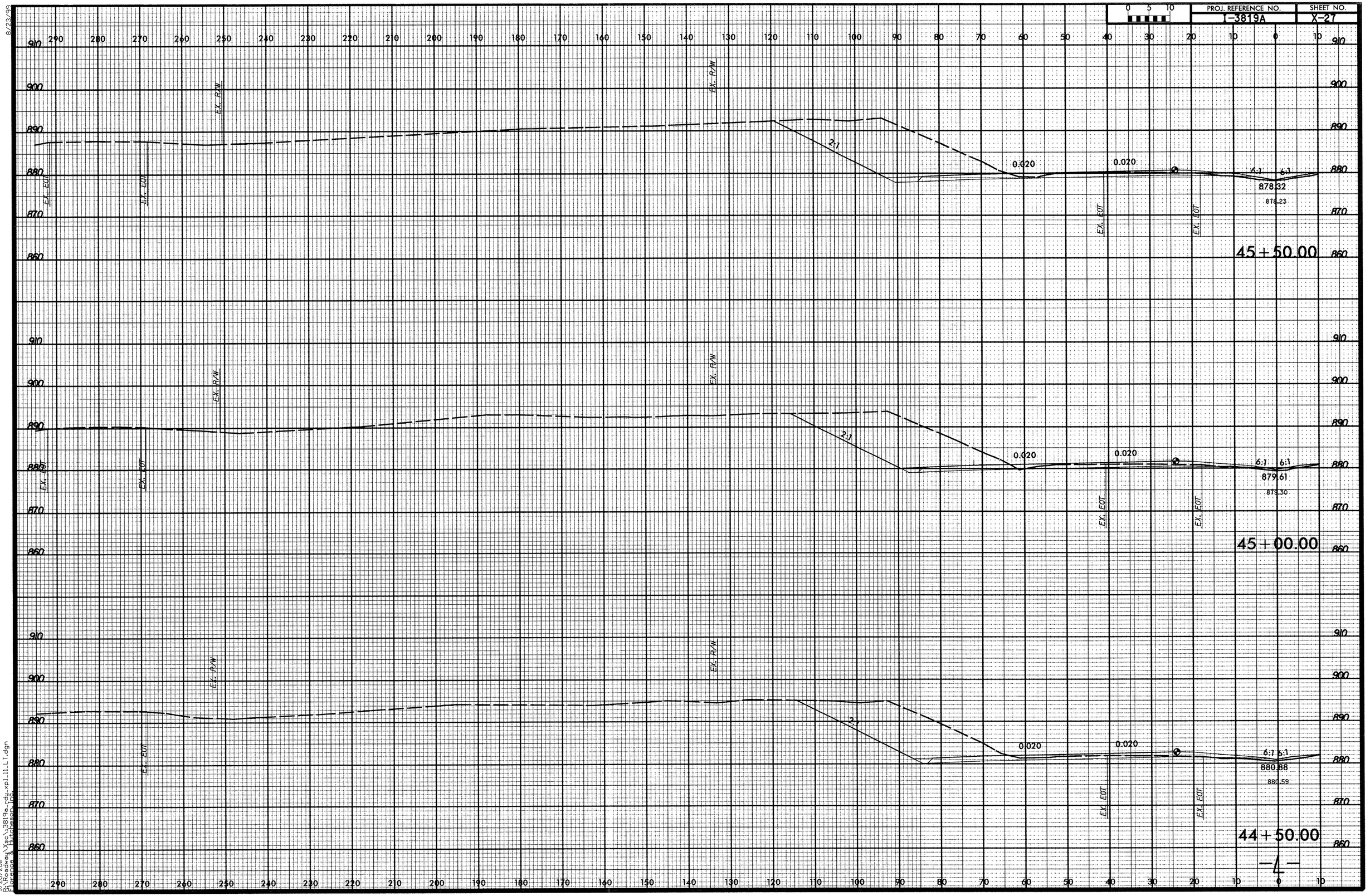
Florence & Hutcheson, Inc.

9/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-27



9/20/2011
R:\Roadway\Xsc\13819a_rdy_xpl_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-28

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

910
900
890
880
870
860

EX. EOT
EX. EOT
EX. R/W
EX. R/W
2:1
6:1
0.020
0.020
6:1
876.18
EX. EOT
EX. EOT
46+50.00

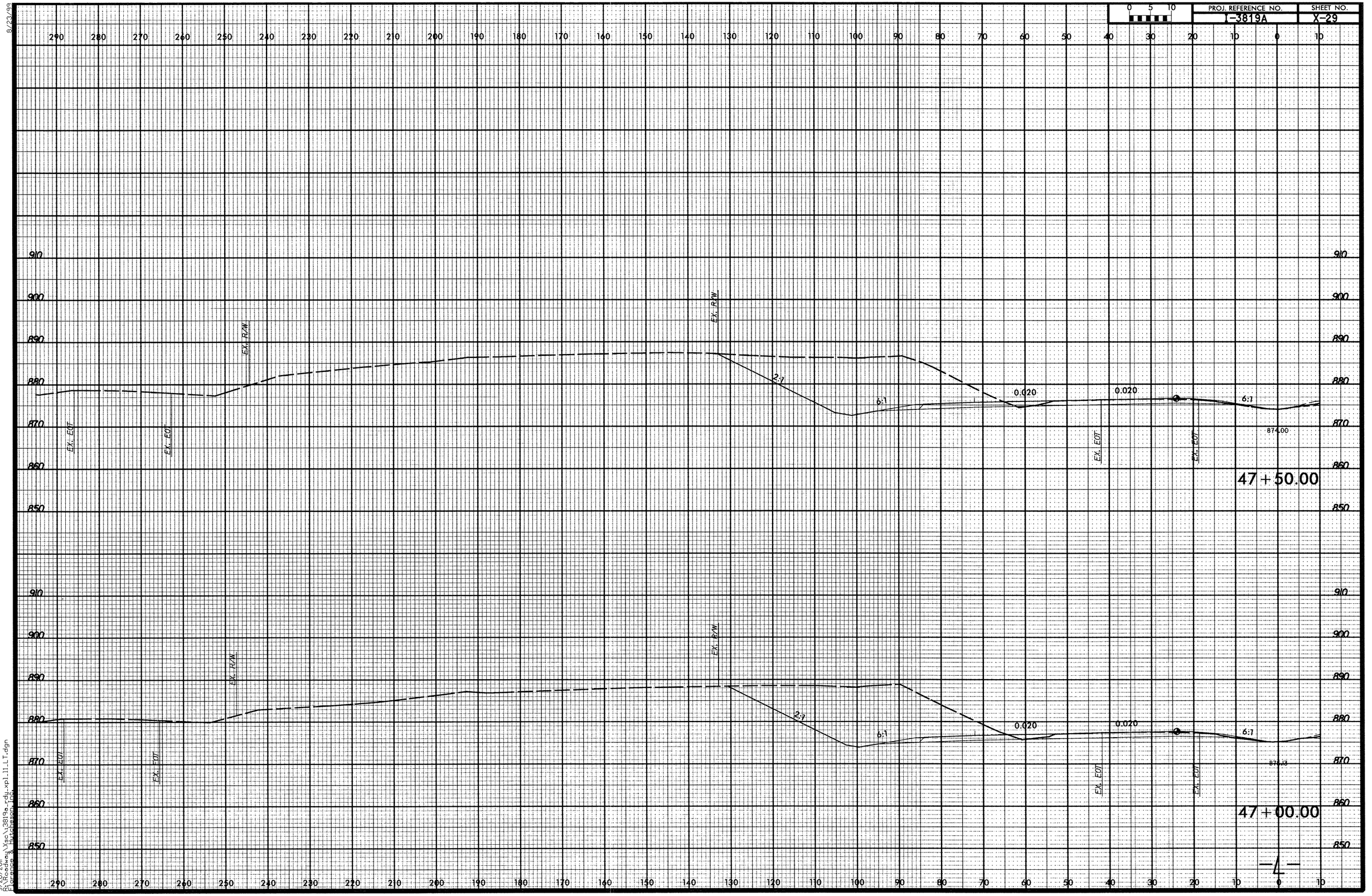
910
900
890
880
870
860

EX. EOT
EX. EOT
EX. R/W
EX. R/W
2:1
6:1
0.020
0.020
6:1
6:1
877.12
877.17
EX. EOT
EX. EOT
46+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

—4—

9/20/2011
R:\Roadway\Xsc\3819a_rdy_xpl_11_LT.dgn
Florence & Hutcheson Inc.



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R:\Roadway\Xsc\I3819a_rdy_xpl_11_LT.dgn
Florence & Hutchason, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-30

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

900 890 880 870 860 850

EX. R/W

EX. EOT

EX. EOT

EX. R/W

4:1

6:1

0.020

0.020

6:1

872.00

EX. EOT

EX. EOT

48+50.00

910 900 890 880 870 860 850

EX. R/W

EX. EOT

EX. EOT

EX. R/W

2:1

6:1

0.020

0.020

6:1

872.93

EX. EOT

EX. EOT

48+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Tolerance & Hitchason, Inc.

-4-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-31

EX. R/W
EX. EOT
0.020
6:1
868.72
50+00.00
867.98
865.90
49+50.00
2:1
869.00
87.15
49+00.00

9/20/2011
R:\Roadway\Xsc\3819a_rdy_xpl11_LT.dgn
Florence & Hutcheson, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-32

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

890 880 870 860 850 840

EX. R/W EX. EOT EX. EOT EX. R/W EX. R/W

P
15

3:1 0.020 0.020 6:1

866.57

EX. EOT EX. EOT

51+00.00

890 880 870 860 850 840

EX. R/W EX. EOT EX. EOT EX. R/W EX. R/W

4:1 0.020 0.020 6:1

867.54

EX. EOT EX. EOT

50+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florance & Hutcheson, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-33

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

890 880 870 860 850 840 830

EX. R/W
EX. EOT
EX. EOT
EX. R/W
EX. R/W
EX. EOT
EX. EOT
EX. R/W
EX. R/W
EX. EOT
EX. EOT

2.40:1
2.40:1

-LCDWB-
10+90.00
-LCDWB-
10+40.00

-P1S3E
16+81
-P1S
16+

0.020
0.020
0.020
0.020

6:1
6:1

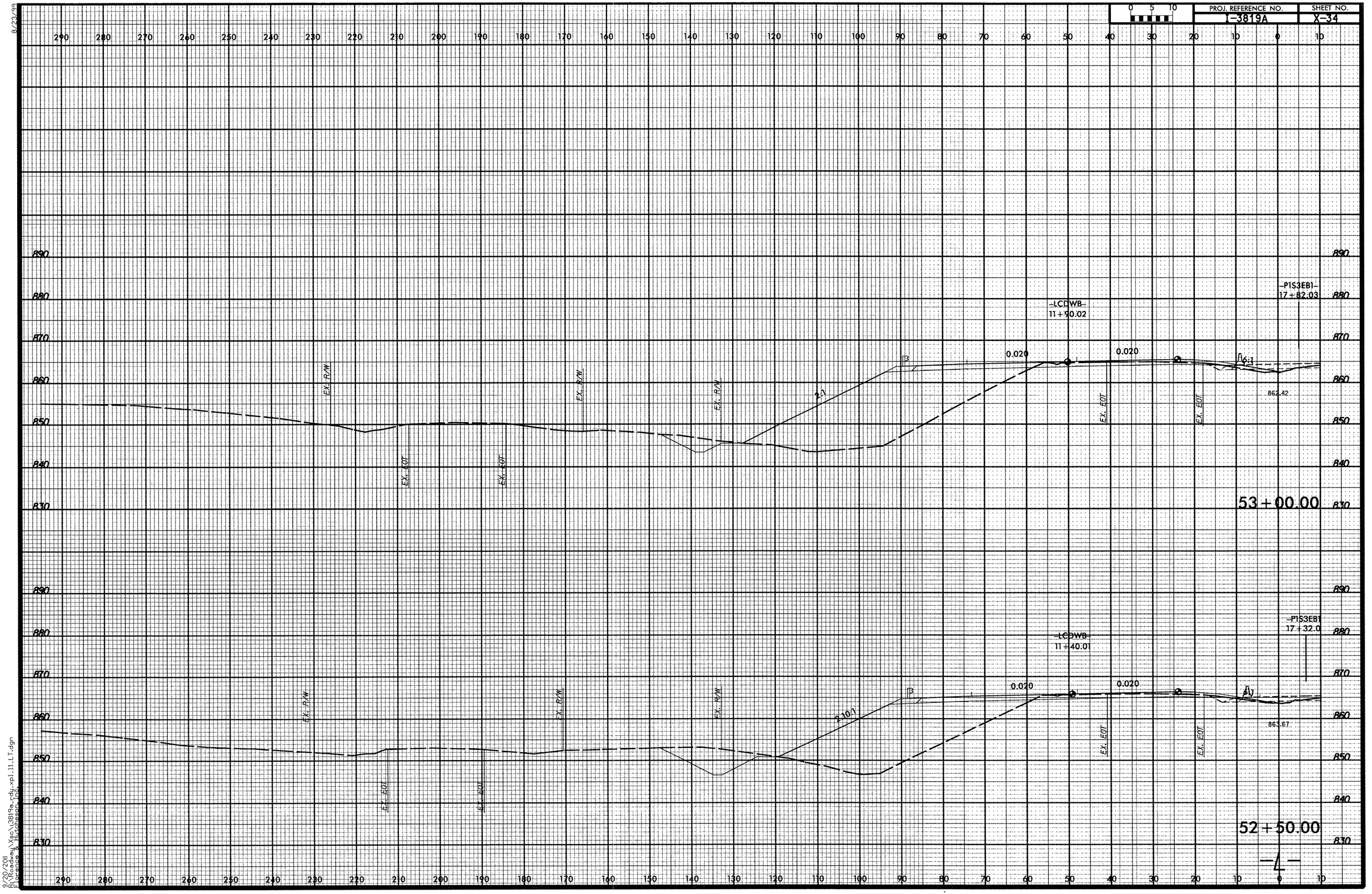
864.93
865.79

52+00.00
51+50.00

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl_11_LT.dgn
Florence & Hutcheson, Inc.

8/23/22

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-34



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8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-35

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

890 880 870 860 850 840 830 820

EX. R/W

EX. EOT

EX. R/W

EX. R/W

2:1

P1S3EB1
18+82.06

LCDWB
12+90.06

0.021

0.020

6:1

EX. EOT

EX. EOT

860.86

54+00.00

890 880 870 860 850 840 830 820

EX. R/W

EX. R/W

EX. R/W

2:1

P1S3EB1
18+32.05

LCDWB
12+40.03

0.021

0.020

6:1

EX. EOT

EX. EOT

EX. EOT

EX. EOT

860.54

53+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

4

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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-36

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

890 880 870 860 850 840 830 820

EX. R/W
EX. EOT
EX. EOT
EX. R/W
EX. R/W
EX. EOT
EX. EOT

2:1

0.014

0.020

6:1

-LCDWB-
13+90.14

-PI53EB1-
19+82.07

855.47

55+00.00

2:1

0.021

0.020

6:1

-LCDWB-
13+40.10

PI53EB1
19+32.07

866.08

54+50.00

-4-

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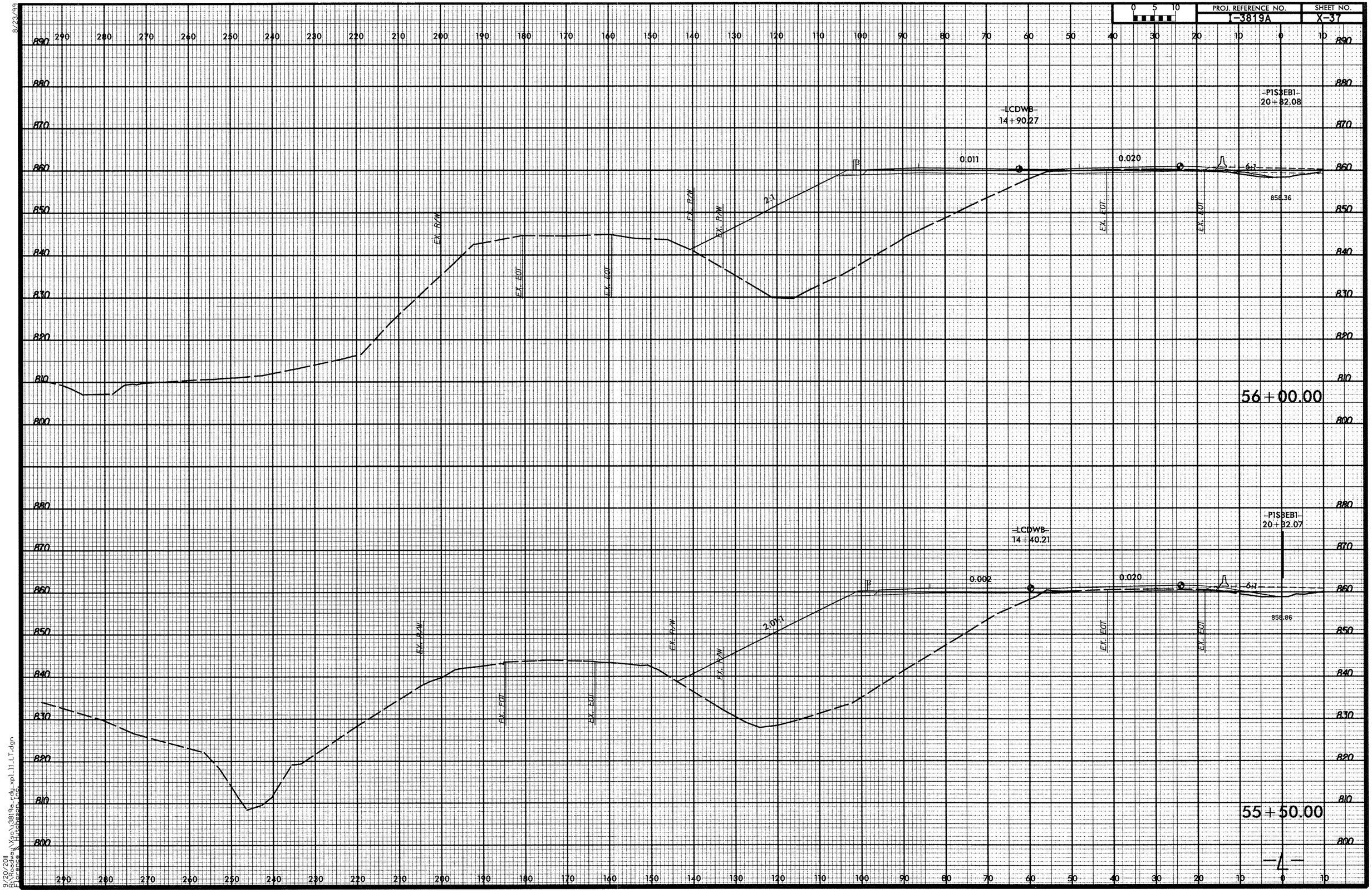
Florence & Hutcheson Idot

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-37



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P:\Roadway\Xsc\I3819a_rdy_xpl11_LT.dgn
Lorenzo K. Hutchinson, PE

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-38

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880 870 860 850 840 830 820

EX. R/W
EX. EOT
EX. EOT
2:1
0.020
-LCDWB-
15+90.36
-P1S3EB1-
21+82.08
6:1
6:1
857.37
857.14
EX. EOT
EX. EOT

57+00.00

880 870 860 850 840 830 820 810

EX. R/W
EX. R/W
EX. EOT
EX. EOT
2:1
0.020
-LCDWB-
15+40.33
-P1S3EB1-
21+32.08
6:1
6:1
857.79
EX. EOT
EX. EOT

56+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-39

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880 870 860 850 840 830 820

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-LCDWB-
16+90.41

-P1S3EB1-
22+82.08

3:1

0.020

0.020

8:1

6:1

856.18

855.83

58+00.00

-LCDWB-
16+40.59

-P1S3EB1-
22+32.08

0.020

0.020

8:1

6:1

856.79

856.42

57+50.00

-4-

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Florence & Hutcheson, Inc.

9/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-40

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-Y8A-
26+05.74

-CDWB-
18+40.43

-P1S3EB1-
24+32.08

0.020

0.020

6:1

8:1

6:1

3:1

3:1

861.99

854.25

853.80

59+50.00

-LCDWB-
17+90.43

-P1S3EB1-
23+82.08

0.020

0.020

3:1

8:1

6:1

854.91

854.40

59+00.00

LCDWB
17+40.42

P1S3EB1
23+32.08

0.020

0.020

3:1

8:1

6:1

853.57

853.07

58+50.00

-4-

880 870 860 850 840 830

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, PE

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-41

880 870 860 850 840 830

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-Y3A-
27+55.74

-LCDWB-
19+90.43

-P1S3EB1-
25+62.08

4:1

4:1

0.011

851.33

0.020

8:1

6.35:1

852.22

852.92

61+00.00

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-Y3A-
27+05.74

-LCDWB-
19+40.43

-P1S3EB1-
25+32.08

6:1

4:1

0.001

852.18

0.020

8:1

6:1

852.87

852.57

60+50.00

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-Y3A-
26+55.74

-LCDWB-
18+90.43

-P1S3EB1-
24+82.08

6:1

5.104:1

0.014

852.41

0.020

8:1

6:1

853.56

853.27

60+00.00

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Florence & Hutchinson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-42

0 5 10

880 870 860 850 840 830

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

EX. R/W

-Y3A-
29+05.74

EX. EOT

EX. EOT

-LCDWB-
21+40.43

EX. EOT

EX. EOT

-P1S3EB1-
27+32.08

2.21:1

4:1

849.27

0.020

0.020

8:1

7.5%

850.29

850.29

62+50.00

EX. R/W

-Y3A-
28+05.74

EX. EOT

EX. EOT

-LCDWB-
20+90.43

EX. EOT

EX. EOT

-P1S3EB1-
26+32.08

2.55:1

4:1

849.91

0.020

0.020

8:1

7.17%

850.93

850.68

62+00.00

EX. R/W

-Y3A-
28+05.74

EX. EOT

EX. EOT

-LCDWB-
20+40.43

EX. EOT

EX. EOT

-P1S3EB1-
26+32.08

3:1

4:1

850.56

0.020

0.020

8:1

6.76%

851.67

851.43

61+50.00

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R:\Roadway\Xsec\I3819a_rdy_xp1_11_LT.dgn
Torrence & Hutchesson, PSC

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-43

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880 870 860 850 840 830

EX. R/W

-Y3A-
30+55.74

EX. EOT

EX. EOT

2:1

A-1

847.75

0.020

-CDWB-
22+90.43

0.020

-P1S3EB1-
28+82.08

8:1

8:1

848.36

847.94

EX. EOT

EX. EOT

64+00.00

880 870 860 850 840 830

EX. R/W

-Y3A-
30+55.74

EX. EOT

EX. EOT

2:1

A-1

848.21

0.020

-CDWB-
22+40.43

0.020

-P1S3EB1-
28+32.08

8:1

8:1

849.00

848.75

EX. EOT

EX. EOT

63+50.00

880 870 860 850 840 830

EX. R/W

Y3A
29+55.74

EX. EOT

EX. EOT

2:1

A-1

848.62

0.020

-CDWB-
21+90.43

0.020

-P1S3EB1-
27+82.08

8:1

8:1

849.64

849.54

EX. EOT

EX. EOT

63+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

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PROJ. REFERENCE NO. I-3819A

SHEET NO. X-44

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880 870 860 850 840 830

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

—Y3A—
31+55.74

—CDWB—
23+98.43

—P1S3EB1—
29+82.08

0.020

0.020

846.58

847.07

846.65

65+00.00

64+50.00

—Y3A—
31+05.74

—CDWB—
23+40.43

—P1S3EB1—
29+32.08

847.22

847.71

847.36

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Florence & Hutcheson, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-45

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880 870 860 850 840 830 820

EX. R/W

-Y3A-
32+55.74

EXIST EXIST

EX. EOT EX. EOT

2:1 4:1 3

845.72

0.020 0.020

-LCDWB-
24+90.43

0.020

8:1 8:1

-P1S3EB1-
30+82.08

845.78
845.44

EX. EOT EX. EOT

66+00.00

EX. R/W

-Y3A-
32+05.74

EXIST EXIST

EX. EOT EX. EOT

2:1 4:1 3

846.23

0.020 0.020

-LCDWB-
24+40.43

0.020

8:1 8:1

-P1S3EB1-
30+32.08

846.42
846.21

EX. EOT EX. EOT

65+50.00

-L-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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9/23/22

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-46

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

870 860 850 840 830 820

-Y3A-
33+55.74

EX. ROW

6:1

4:1

850.42

0.020

0.020

EX. EOT

EX. EOT

4:1

2:1

4:1

844.97

0.020

0.020

-LCDWB-
25+90.43

0.020

-PIS3EB1-
31+82.08

8:1

8:1

844.49

844.41

EX. EOT

EX. EOT

67+00.00

870 860 850 840 830 820

-Y3A-
33+05.74

EX. ROW

6:1

4:1

851.824

EXIST

EXIST

EX. EOT

EX. EOT

2:1

4:1

845.37

0.020

0.020

-LCDWB-
25+40.43

0.020

-PIS3EB1-
31+32.08

8:1

8:1

845.14

845.63

EX. EOT

EX. EOT

66+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-47

0 5 10

870 860 850 840 830 820

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

68+50.00

–Y3A–
35+06.21

EX. R/W

4:1 847.14 6:1

0.020 0.020

EX. EOT EX. EOT

2:1 4:1 843.12

0.020 0.020

–LCDWB–
27+40.64

0.020

–P3S1Y4RPB1– 10+53.20
–P1S3EB1– 33+82.08

8:1 8:1 842.56

842.26

EX. EOT EX. EOT

68+00.00

–Y3A–
34+55.74

EX. R/W

4:1 848.33 6:1

0.020 0.020

EX. EOT EX. EOT

2:1 4:1 843.94

0.020 0.020

–LCDWB–
26+90.43

0.020

–P3S1Y4RPB1– 10+08.17
–P1S3EB1– 32+82.08

8:1 8:1 843.21

843.00

EX. EOT EX. EOT

67+50.00

–Y3A–
34+05.74

EX. R/W

4:1 849.42 6:1

0.020 0.020

EX. EOT EX. EOT

2:1 4:1 844.47

0.020 0.020

–LCDWB–
26+40.43

0.020

–P1S3EB1–
32+32.08

8:1 8:1 843.85

843.72

EX. EOT EX. EOT

9/20/2011
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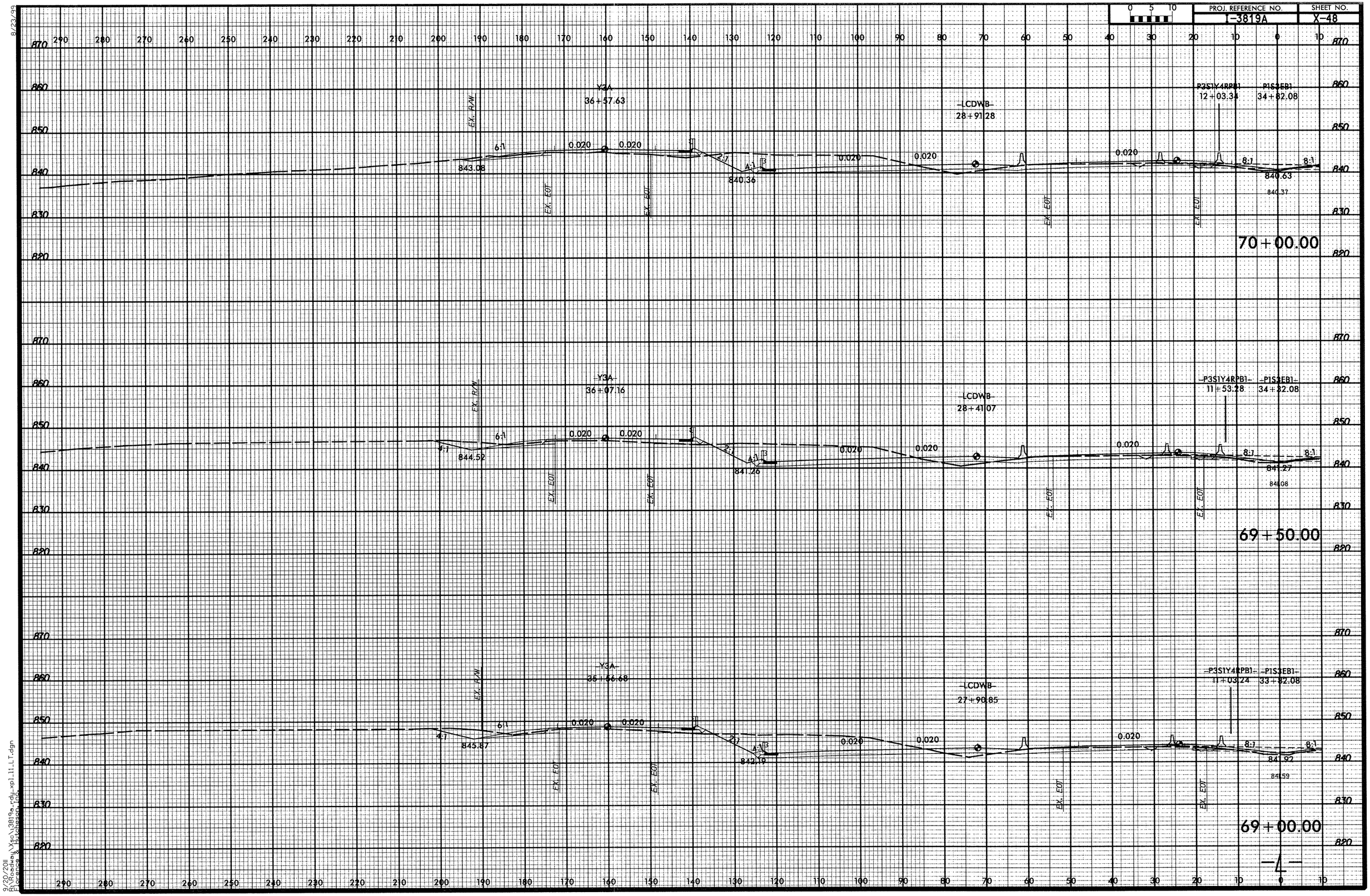
Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-48



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R:\Roadway\Xsc\3819a_rdy_xpl11_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-49

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

860 850 840 830 820

-Y3A-
38+09.06

EX. R/W

6:1

0.019 0.021

2:1

3:1

838.34

EX. EOT

EX. EOT

0.020 0.020

-LCDWB-
30+41.91

EX. EOT

0.020

-P3S1Y4RPB1-
13+53.56

-P1S3EB1-
36+32.08

8:1 8:1

838.70
836.69

EX. EOT

71+50.00

-Y3A-
37+58.58

EX. R/W

6:1

0.019 0.021

2:1

3:1

838.65

EX. EOT

EX. EOT

0.020 0.020

-LCDWB-
29+91.70

EX. EOT

0.020

-P3S1Y4RPB1-
13+03.48

-P1S3EB1-
35+32.08

8:1 8:1

839.34
839.09

EX. EOT

71+00.00

-Y3A-
37+08.10

EX. R/W

6:1

0.020 0.020

3:1

839.49

EX. EOT

EX. EOT

0.020 0.020

-LCDWB-
29+41.49

EX. EOT

0.020

-P3S1Y4RPB1-
12+53.40

-P1S3EB1-
35+32.08

8:1 8:1

839.99
839.55

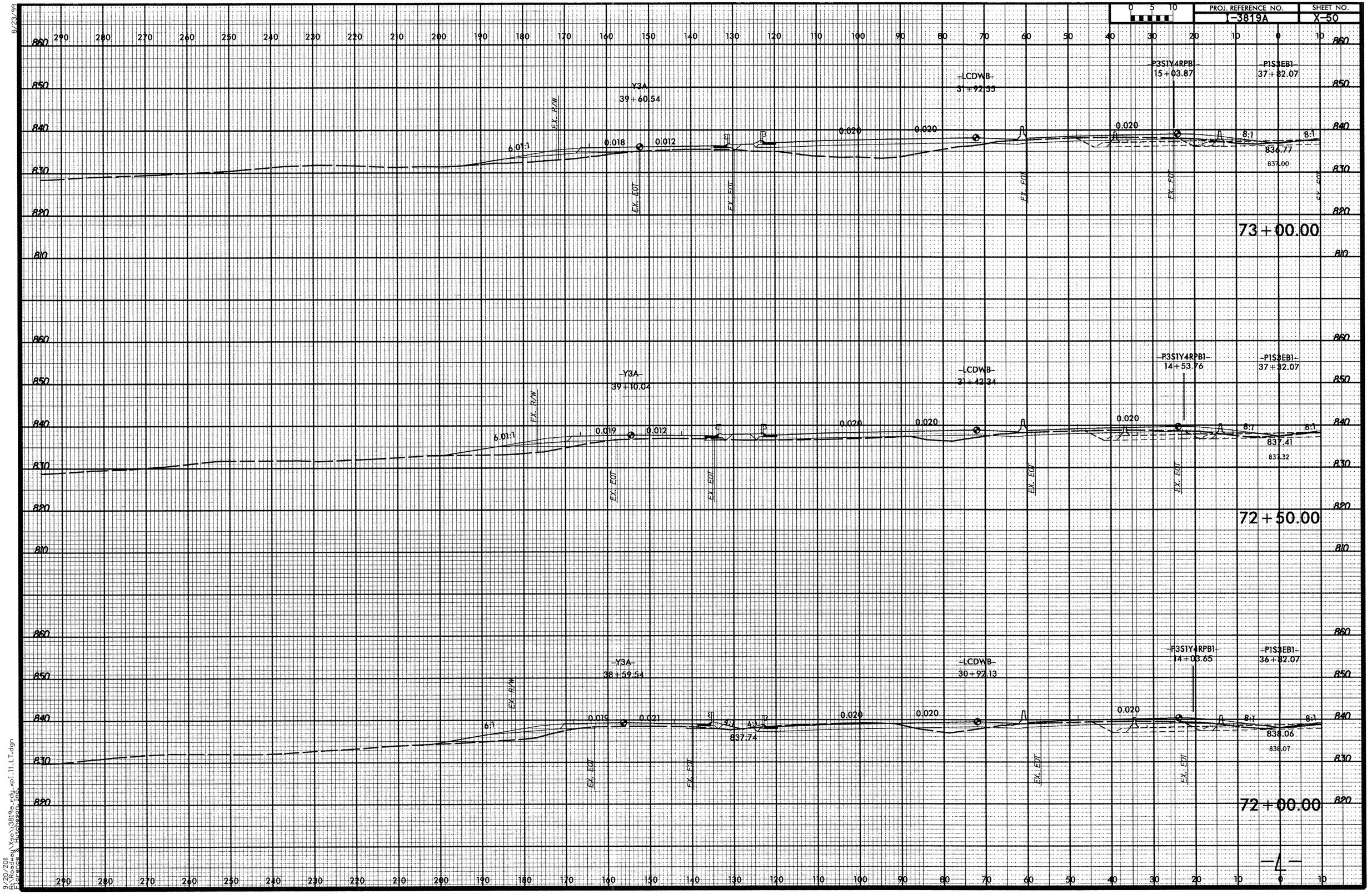
EX. EOT

70+50.00

-L-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl11_LT.dgn
Lorenzo K. Hutchinson, Jr.



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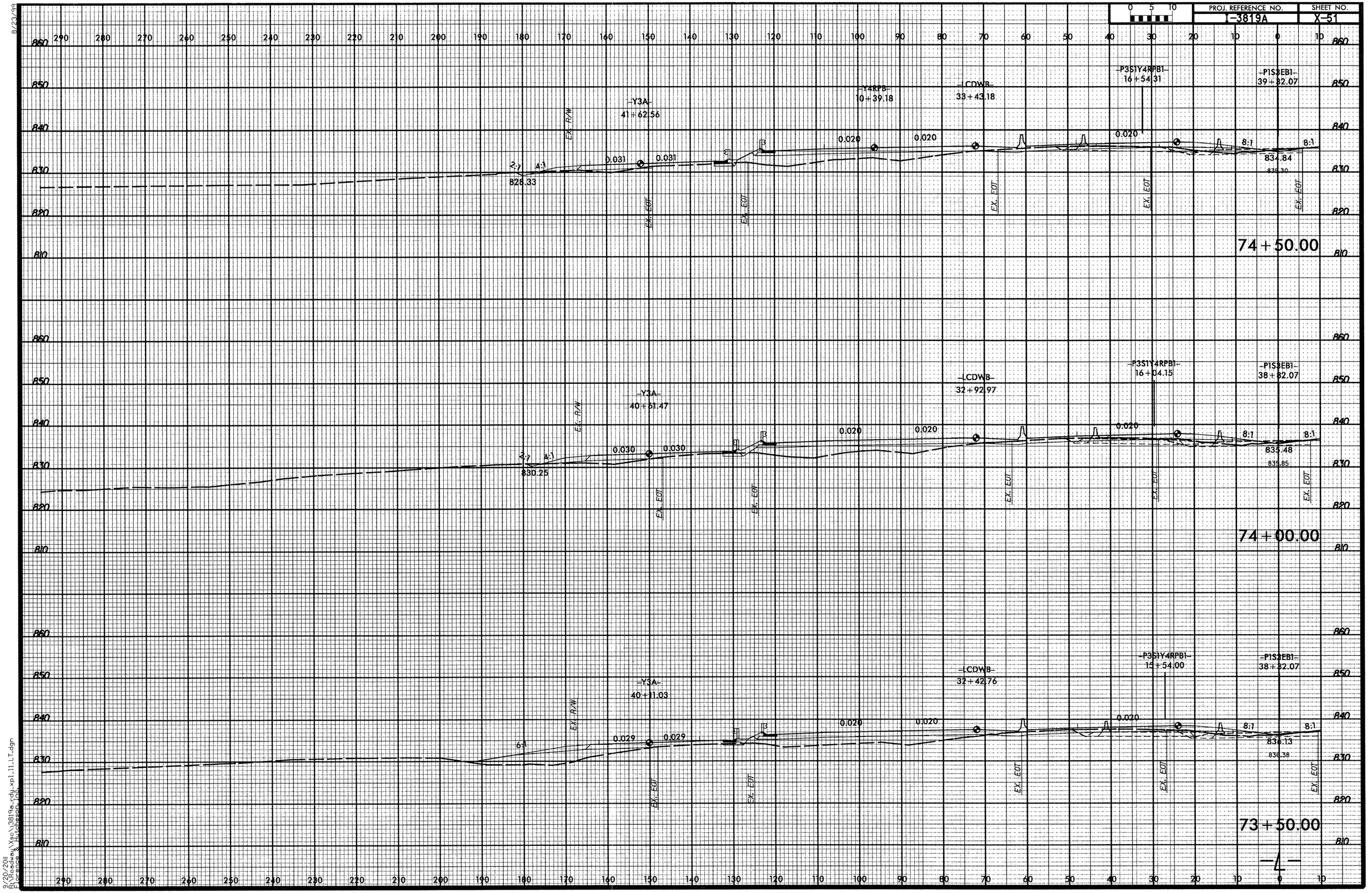
8/23/99

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-51

0 5 10



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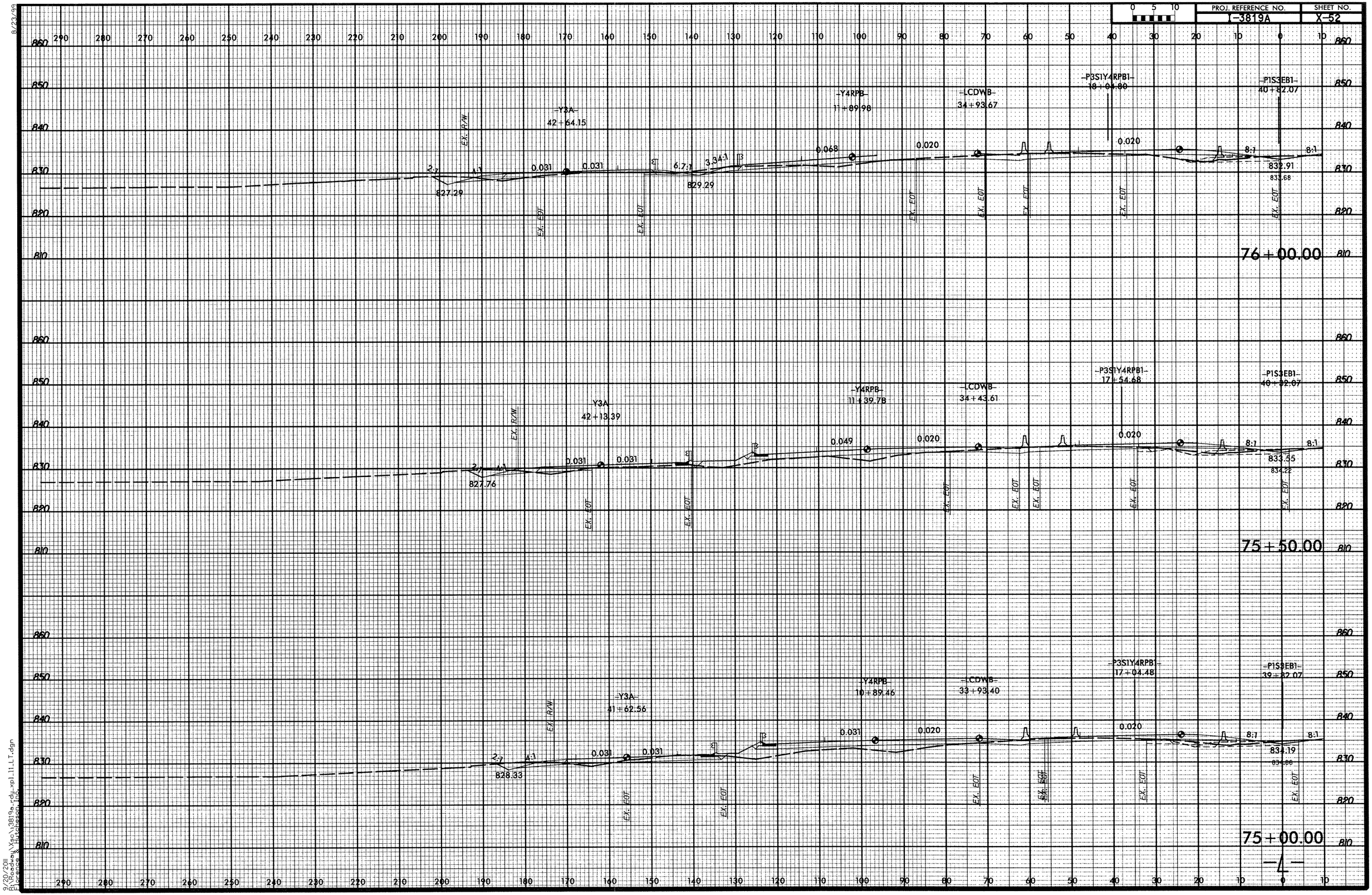
Florence & Hutchason, Inc.



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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-53

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

860 850 840 830 820 810

EX. R/W

Y3A
43+65.33

Y4RPB
12+90.13

LCDWB
35+93.25

P3S1Y4RPB1
19+05.18

P1S3EB1
41+82.07

2:1 4:1 0.031 0.031 6:1 6.4:1 0.072 0.020 0.020 8:1 8:1

826.36 827.57 831.66 832.44

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

77+00.00

DRIVEWAY

EX. R/W

Y3A
43+14.57

Y4RPB
12+39.94

LCDWB
35+43.46

P3S1Y4RPB1
18+54.87

P1S3EB1
41+32.07

0.031 0.031 6:1 4.7:1 0.072 0.020 0.020 8:1 8:1

828.48 832.26 833.11

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

76+50.00

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-54

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

860 850 840 830 820 810 800

EX. R/W

EX. EOT

SHEAR POINT # 120

6.15:1

825.72

Y4RPB
13+91.34

0.039

13.2:1

0.020

P3S1Y4RPB1
20+07.01
CDWB
36+92.82

0.020

P1S3EB1
42+82.07

8:1

8:1

830.98

83.21

78+00.00

SHEAR POINT # 119

6.12:1

826.48

Y4RPB
13+40.60

0.056

0.020

P3S1Y4RPB1
19+55.85
CDWB
36+43.03

0.020

P1S3EB1
42+32.07

8:1

8:1

831.23

83.82

77+50.00

-L-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-55

EX. RAW
EX. EOT
SHEAR POINT # 122
824.43
6.18:1
6.006
Y4RPB
14+93.26
6.175:1
4.46:1
P3S1Y4RPB1
21+11.30
0.020
LCDWB
37+92.40
0.020
P1S3EB1
43+82.06
8:1
8:1
831.02
829.98
79+00.00

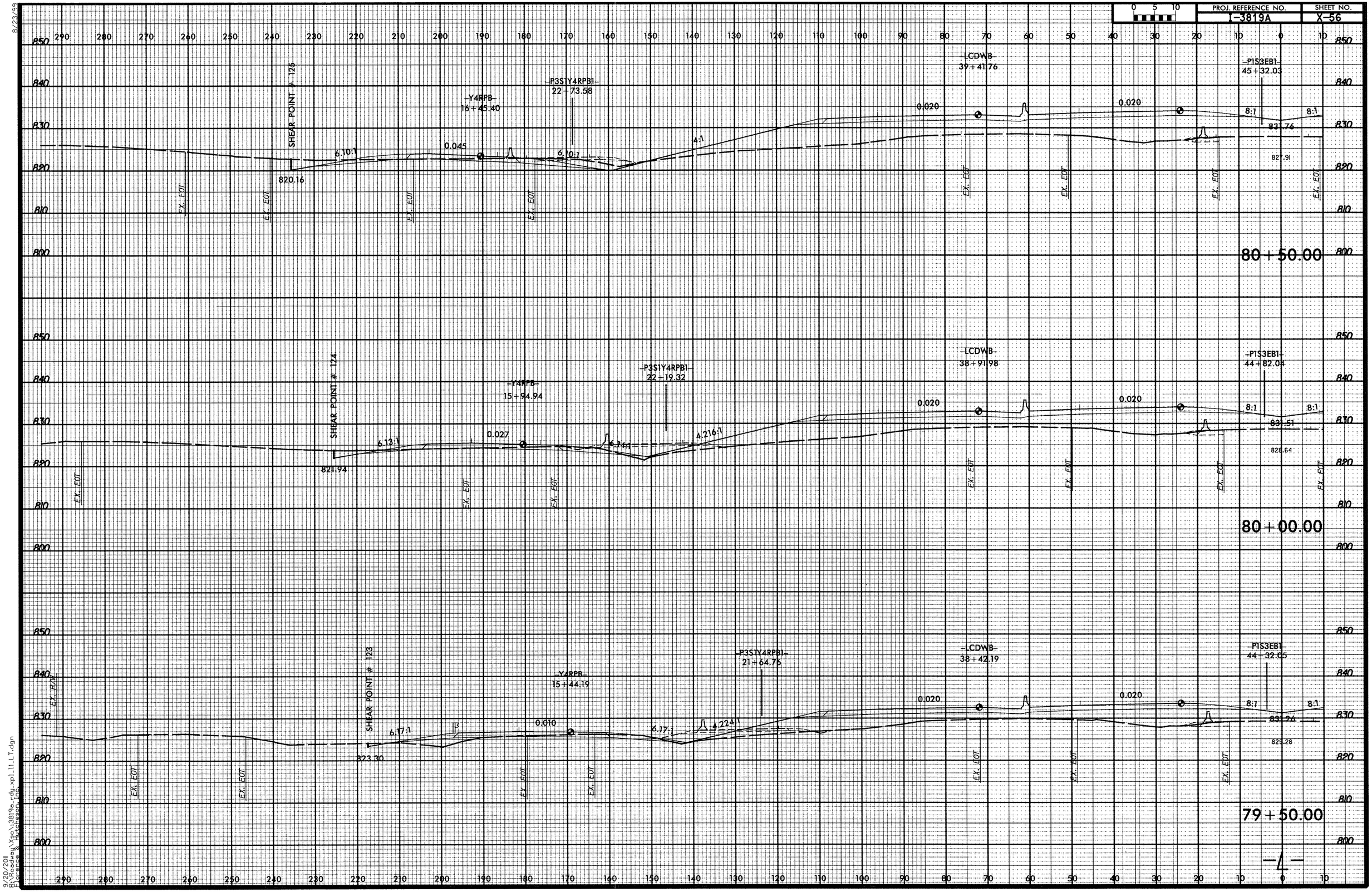
EX. RAW
EX. EOT
SHEAR POINT # 121
825.28
6.17:1
0.022
Y4RPB
14+42.26
6.8:1
P3S1Y4RPB1
20+58.78
0.020
LCDWB
37+42.61
0.020
P1S3EB1
43+32.06
8:1
8:1
830.91
830.57
78+50.00

9/20/2011
R:\Roadway\Xsc\3819a_rdy_xpl_11_LT.dgn
Florence & Hutcheson Jobs

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-56



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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-57

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800

SHEAR POINT # 127

816.21

6.03:1

0.065

EX. EOT

-P3S1Y4RFB1-
23+78.42
Y4RPB
17+45.31

6.03:1

814.765

3:1

-LCDWB-
40+41.34

0.020

8:1

-P1S3EB1-
46+32.00

832.37

826.32

EX. EOT

81+50.00

SHEAR POINT # 126

818.46

6.07:1

0.063

EX. EOT

-P3S1Y4RPB1-
23+26.53
Y4RPB
16+95.52

6.07:1

817.08

3.2:1

-CDWB-
39+91.55

0.020

8:1

-P1S3EB1-
45+82.02

832.01

827.14

EX. EOT

81+00.00

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-58

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790

EX. R/W

-P8S1Y4RPB1-
24+79.82

-Y4RPB-
18+44.28

2.15:1 6:1 6:1 2.6:1

0.049

810.95

809.950

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

-LCDWB-
41+40.92

0.020 0.020

8:1 8:1

832.95

824.40

82+50.00

EX. R/W

-P8S1Y4RPB1-
24+29.45

-Y4RPB-
17+94.86

2.15:1 6.01:1 6.01:1 2.9:1

0.065

813.75

812.295

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

-LCDWB-
40+91.13

-P1S3EB1-
46+81.99

0.020 0.020

8:1 8:1

832.72

825.36

82+00.00

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Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-59

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790

E.X. R/W

-P3S1Y4RPB1-
25+79.23

-Y4RPB-
19+43.05

5.91:1

6:1

0.02

6:1

805.42

805.237

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-CDWB-
42+40.49

0.020

0.020

8:1 8:1

832.93

822.32

83+50.00

-P3S1Y4RPB1-
25+29.70

-Y4RPB-
18+93.66

2.71:1

6:1

0.033

6:1

808.04

807.611

-CDWB-
41+90.70

0.020

0.020

8:1 8:1

833.02

821.39

83+00.00

-4-

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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-60

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790 780

EX. R/W

Y4RPB
20+42.92

0.021

3:1

3.36:1

6:1

800.55

EX. EOT

EX. EOT

LCDWB
43+40.43

0.020

0.020

832.11

EX. EOT

EX. EOT

EX. EOT

EX. EOT

813.97

84+50.00

P3SiY4RPB1
26+29.08

Y4RPB
19+92.89

EX. R/W

3.08:1

6:1

0.022

802.94

EX. EOT

EX. EOT

6:1

2:1

802.744

LCDWB
42+90.43

0.020

0.020

832.64

EX. EOT

EX. EOT

EX. EOT

EX. EOT

82.16

84+00.00

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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-61

EX. R/W

EX. EOT

EX. EOT

Y4RPB
21+42.97

SHEAR POINT # 149

SHEAR POINT # 144

4:1

0.021

2:1

LCDWB
44+40.43

0.020

0.020

0.020

803.55

85+50.00

EX. R/W

EX. EOT

EX. EOT

Y4RPB
20+92.94

8:1

0.002

2.7:1

LCDWB
43+90.43

0.020

0.020

0.020

818.86

EX. EOT

EX. EOT

EX. EOT

EX. EOT

85+00.00

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Dorchase & Hutchesson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-62

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790 780 770

LCDWB
45+40.43

0.020 0.020 0.020

801.66

EX. EOT EX. EOT EX. EOT EX. EOT

86+50.00

LCDWB
44+90.43

0.020 0.020 0.020

Y4RPB
21+92.99

0.010

795.94

EX. EOT EX. EOT EX. EOT EX. EOT

86+00.00

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Florence & Hutchinson Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
T-3819A	X-63

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790 780

CDWB
45+90.43

0.020 0.020 0.020

814.18

EX. EOT EX. EOT EX. EOT EX. EOT

87+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-64

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

890
880
870
860
850
840
830
820
810
800
790
780
770

Y4RPA
23+28.40

LCDWB
46+40.43

0.020
0.020
0.020

2:1

EX. EOT
EX. EOT
EX. EOT
EX. EOT

BI2.93

87+50.00

9/20/2011
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Florence & Hutcheson, Inc.

8/23/22

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
Y-3819A	X-65

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820
810
800
790
780

88+26.79

850
840
830
820
810
800
790
780

CDWB
46+90.43

0.020
0.020
0.020

Y4RPA
22+78.19

EX. R/W
EX. EOT
EX. EOT
EX. EOT
EX. EOT
EX. EOT

811.78

88+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-66

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800 790 780

88+91.62

88+50.00

—LCDWB—
47+40.43

—Y4RPA—
22+27.98

0.020

0.020

0.021

0.021

EX. RW

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

BIC.61

9/20/2011
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Bentley Systems, Inc. MicroStation V8

—4—

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-67

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780 770

-Y4RPA-
21+27.57

3:1

0.022 0.022

EX. ROW

EX. EOT EX. EOT

-LCDWB-
48+48.43

0.020 0.020

-P3S1WB3-
10+40.62

806.30

EX. EOT EX. EOT EX. EOT EX. EOT

89+50.00

-Y4RPA-
21+77.78

2:1 2:1

0.022 0.022

EX. ROW

EX. EOT EX. EOT

-LCDWB-
47+90.43

0.020 0.020

805.46

EX. EOT EX. EOT EX. EOT EX. EOT

89+00.00

-4-

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Lorenzo & Luchessa, Jack

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-68

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780 770 850 840 830 820 810 800 790 780

Y4RPA
20+77.36

2:1

0.021 0.021

3.5:1

EX. ROW

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

0.020 0.020

CDWB
48+90.43

P3S1WB3
10+90.62

807.20

90+00.00

89+89.38

—4—

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-69

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780 770

-Y4RPA-
20+27.15

-P3S1Y4RPA1-
20+15.02

-LCDWB-
49+40.43

-P3S1WB3-
11+40.63

0.020 0.020 0.020 0.020

805.96

EX. EOT EX. EOT EX. EOT EX. EOT EX. EOT

EX. ROW

90+50.00

90+23.88

-L-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-70

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

830 820 810 800 790 780 770 760

-Y4RPA-
19+26.73

0.020 0.020

EX. EOT

-LCDWB-
-P3S1Y4RPA1-
19+14.28

0.020 0.020 0.020

EX. EOT

-P3S1WB3-
12+48.53

79.32

EX. EOT

91+50.00

750 740 730 720 710 700 690 680 670 660

-Y4RPA-
19+76.94

0.020 0.020

EX. EOT

-CDWB-
-P3S1Y4RPA1-
19+64.65
19+90.43

0.020 0.020 0.020

EX. EOT

EX. EOT

-P3S1WB3-
11+90.63

80.83

EX. EOT

91+00.00

750 740 730 720 710 700 690 680 670 660

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	X-3819A	X-71

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

830 820 810 800 790 780 770 760

-Y4RPA-
18+26.31

0.019 0.019

2.00:1

EX. ROW

-CDWB-
51+40.43

-P3S1Y4RPA1-
18+13.55

-P3S1WB3-
13+40.64

0.020 0.020 0.020

EX. EOT EX. EOT EX. EOT

784.56

92+50.00

-Y4RPA-
18+76.52

0.019 0.019

EX. ROW

-CDWB-
50+90.38

-P3S1Y4RPA-
18+63.91

-P3S1WB3-
12+90.64

0.020 0.020 0.020

EX. EOT EX. EOT EX. EOT

776.24

92+00.00

-4-

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-72

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780

-Y4RPA-
16+75.68

-LCDWB-
52+90.43

-P3S1Y4RPA1-
16+62.46

-P3S1WB3-
14+90.65

0.017 0.017 0.020 0.020

6.03:1 3.21:1

796.980

800.85

796.08

EX. ROW EX. EOT EX. EOT EX. EOT

94+00.00

820 810 800 790 780

-Y4RPA-
17+25.89

-LCDWB-
52+40.43

-P3S1Y4RPA1-
17+12.81

-P3S1WB3-
14+40.65

0.017 0.017 0.020 0.020

6.03:1 6.03:1

798.395

799.10

EX. ROW EX. EOT EX. EOT EX. EOT

93+50.00

830 820 810 800 790 780

-Y4RPA-
17+76.10

-LCDWB-
51+90.43

-P3S1Y4RPA1-
17+63.18

-P3S1WB3-
13+90.64

0.018 0.018 0.020 0.020 0.020

6.03:1

800.37

EX. ROW EX. EOT EX. EOT EX. EOT

93+00.00

770

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-73

95+50.00

-Y5-
20+94.19

-Y4RPA-
15+25.15

-LCDWB-
54+40.43

-P3S1Y4RPA1-
15+11.86

-P3S1WB3-
16+40.66

EX. R/W
EX. EOT
4:1
6.02:1
0.019
0.020
8:1
797.00
794.64

95+00.00

-Y5-
20+27.17

-Y4RPA-
15+75.30

-LCDWB-
53+90.43

-P3S1Y4RPA1-
15+61.98

-P3S1WB3-
15+90.66

EX. R/W
EX. EOT
4:1
6.02:1
0.018
0.020
798.13
795.79

94+50.00

Y4RPA
16+25.48

-LCDWB-
53+40.43

P3S1Y4RPA1
16+12.18

P3S1WB3
15+40.65

6.02:1
0.018
0.020
795.561
799.44
796.90

94+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780 770

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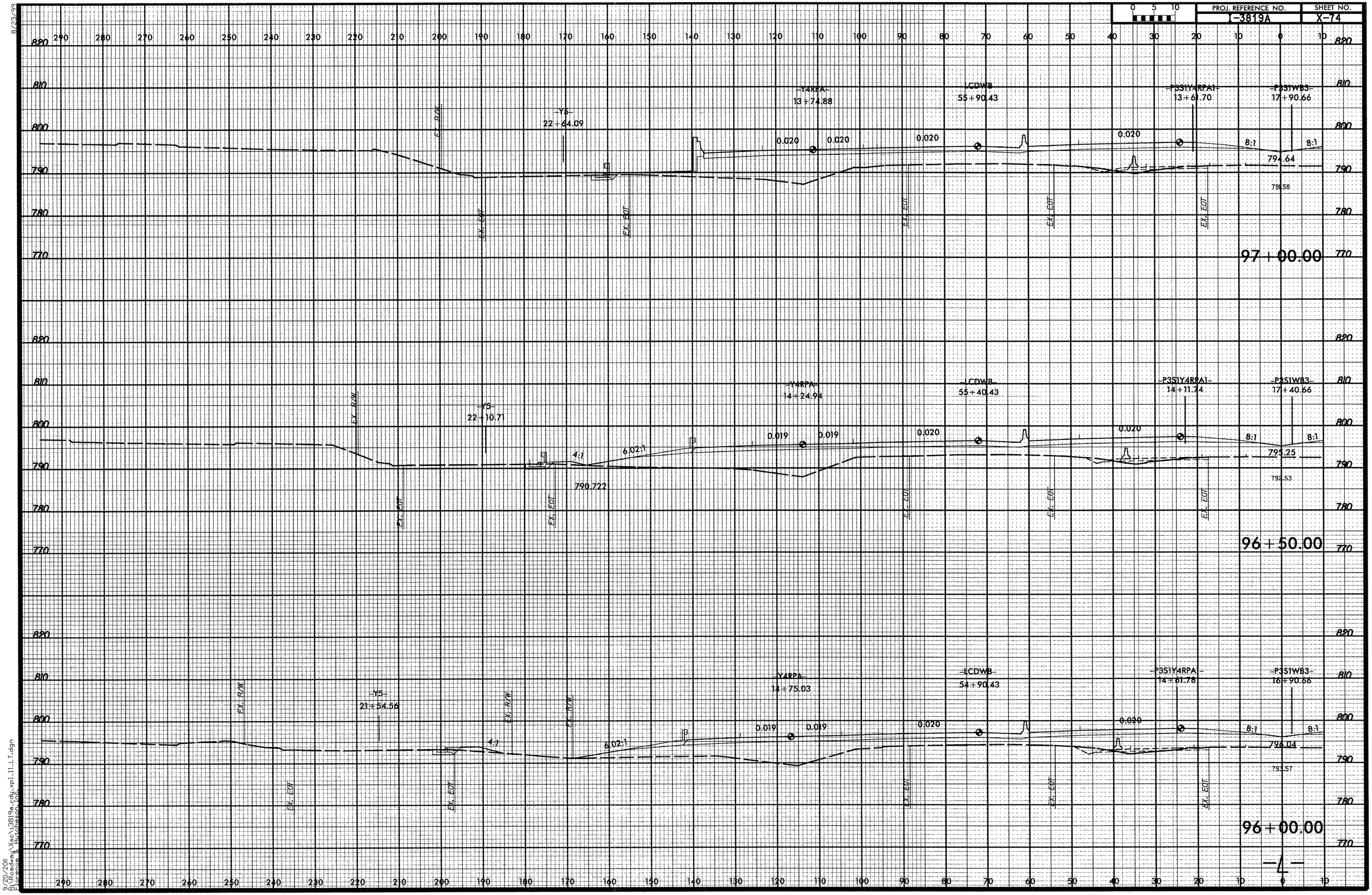
Florence & Hutcheson, Inc.

8/22/2011

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-74



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Florence & Hutchinson Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	X-3819A	X-75

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780 770 760

EX. R/W

EX. EOT

-Y5-
23+66.18

-Y4RPA-
12+74.79

-LCDWB-
56+90.43

-P3S1Y4RPA1-
12+61.62

-P3S1WB3-
18+90.66

0.020 0.020 0.020 0.020

8:1 8:1

794.04

796.06

98+00.00

EX. R/W

EX. EOT

-Y5-
23+15.07

-Y4RPA-
13+24.83

-LCDWB-
56+40.43

-P3S1Y4RPA1-
13+11.66

-P3S1WB3-
18+40.66

0.020 0.020 0.020 0.020

8:1 8:1

794.29

790.72

97+50.00

820 810 800 790 780 770 760

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

8/23/2011

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-76

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780 770 760

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

-Y5-
24+66.23

-Y4RPA-
11+74.71

-LCDWB-
57+90.43

-P3S1Y4RPA1-
11+61.54

-P3S1WB3-
19+90.66

0.020 0.020 0.020 0.020

8:1 8:1

793.54

786.86

99+00.00

-Y5-
24+16.23

-Y4RPA-
12+24.75

-LCDWB-
57+40.43

-P3S1Y4RPA1-
12+11.58

-P3S1WB3-
19+40.66

0.020 0.020 0.020 0.020

8:1 8:1

793.79

787.41

98+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-77

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780 770 760

EX. R/W

-Y5-
25+66.23

-Y4RPA-
10+74.63

-LCDWB-
58+90.43

-P3S1Y4RPA1-
10+61.45

-P3S1WB3-
20+90.66

0.020 0.020 0.020 0.020

8:1 8:1

793.08

788.08

EX. EOT

100+00.00

-Y4RPA-
11+24.67

-LCDWB-
58+40.43

-P3S1Y4RPA1-
11+11.49

-P3S1WB3-
20+40.66

793.29

788.40

99+50.00

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-78

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770 760

EX. R/W

-Y5-
26+66.23

EX. EOT

0.020 0.020 0.020 0.020

-LCDWB-
59+90.43

-P3S1WB3-
21+90.66

8:1 8:1

792.58

781.51

101+00.00

820 810 800 790 780 770 760

EX. R/W

Y4RPA
10+24.59

-Y5-
26+16.23

-LCDWB-
59+40.43

-P3S1WB3-
21+40.66

0.020 0.020 0.020 0.020

8:1 8:1

792.78

781.87

100+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-79

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770 760

EX. R/W

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

EX. EOT

Y5
28+16.23

LCDWB
61+40.43

P3S1WB3
23+40.66

0.020 0.020 0.020 8:1 8:1

791.77

786.64

102+50.00

Y5
27+66.23

LCDWB
60+90.43

P3S1WB3
22+90.66

0.020 0.020 0.020 8:1 8:1

792.08

786.80

102+00.00

Y5
27+16.23

LCDWB
60+40.43

P3S1WB3
22+40.66

0.020 0.020 0.020 8:1 8:1

792.28

787.14

101+50.00

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Florence & Hutcheson, LLC

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-80

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770 760

EX. R/W

-Y5-
29+16.23

EX. EOT

EX. EOT

-LCDWB-
62+40.43

0.020 0.020 0.020

8:1 8:1

-P3S1WB3-
24+40.66

BIS4

12+

79.27

786.08

EX. EOT EX. EOT EX. EOT EX. EOT

103+50.00

810 800 790 780 770 760

EX. R/W

-Y5-
28+66.23

EX. EOT

EX. EOT

-LCDWB-
61+90.43

0.020 0.020 0.020

8:1 8:1

-P3S1WB3-
23+90.66

-P1

1

79.52

786.34

EX. EOT EX. EOT EX. EOT EX. EOT

103+00.00

810 800 790 780 770 760

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

-4-

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-81

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770

Y5
STA. 30+66.25

EP EP

0.020 0.020 0.020 6:1

LCDWB
STA. 63+90.43

P1S4Y4R
10+66.
P8S1WB3
25+90.66

789.58

EP EP EP EP

105+00.00

810 800 790 780 770

Y5
STA. 30+16.25

EP EP

0.020 0.020 0.020 6:1

LCDWB
STA. 63+40.43

P1S4Y4R
11+16.
P8S1WB3
25+40.66

789.84

EP EP EP EP

104+50.00

810 800 790 780 770

Y5
STA. 29+66.25

EP

0.020 0.020 0.020 6:1

LCDWB
STA. 62+90.43

P1S4Y4
11+6
P8S1WB3
24+90.66

790.09

EP EP EP EP

104+00.00

3/20/201
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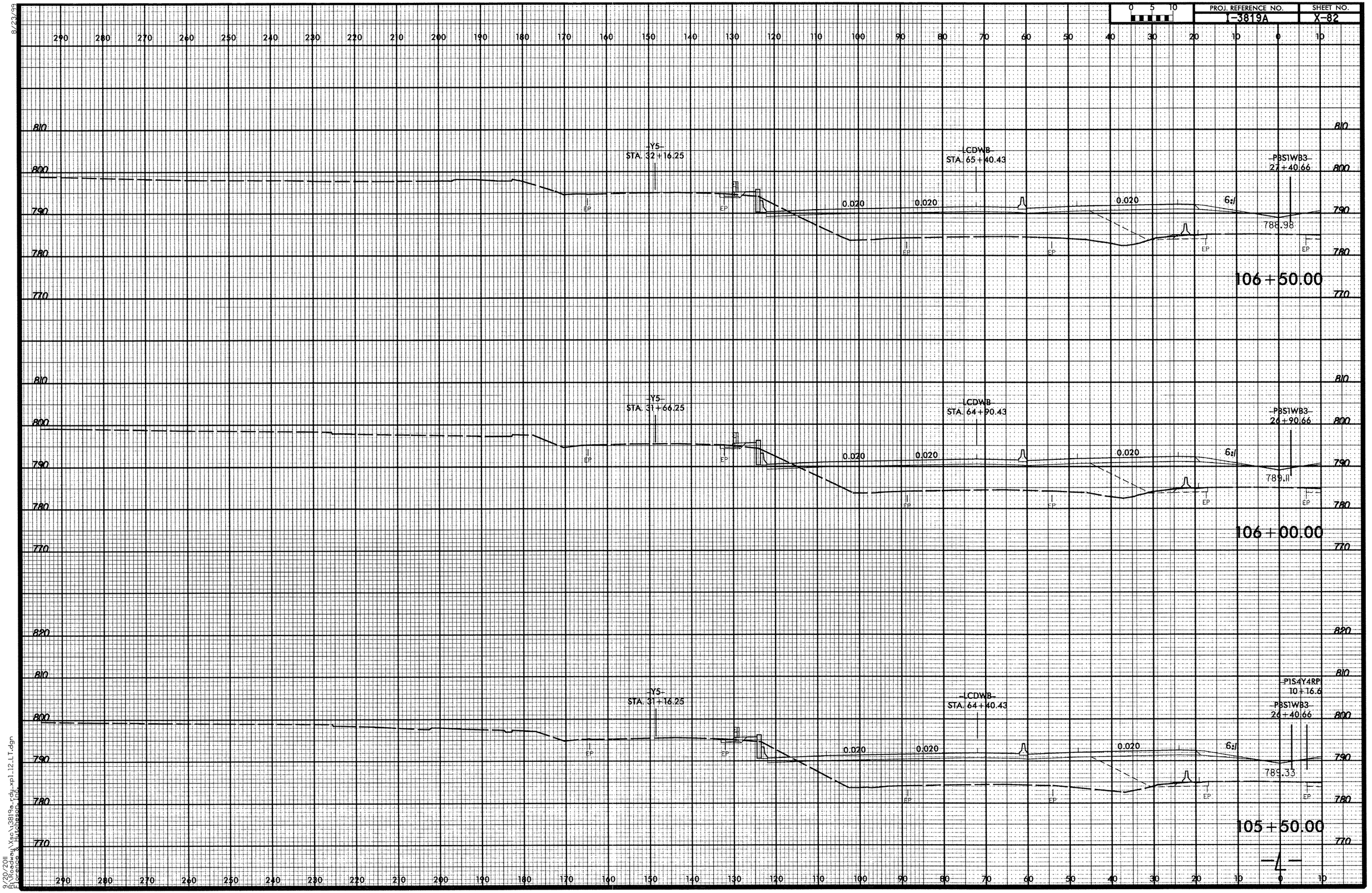
Florence & Hutcheson, Inc.



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9/20/201
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Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-83

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770

-Y5-
STA. 33+66.25

-LCDWB-
STA. 66+90.43

-PBS1WB3-
28+90.66

EP

0.020

0.020

0.020

6:1

789.08

108+00.00

-Y5-
STA. 33+16.25

-LCDWB-
STA. 66+40.43

-PBS1WB3-
28+40.66

788.96

107+50.00

-Y5-
STA. 32+66.25

-LCDWB-
STA. 65+90.43

-PBS1WB3-
27+90.66

788.93

107+00.00

-4-

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-84

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

810 800 790 780 770

-Y5-
STA. 35+16.25

-CDWB-
STA. 68+40.43

P3S1WB3
30+40.66

0.020 0.020 0.020 6:1

EP EP EP EP EP

789.79

109+50.00

-Y5-
STA. 34+66.25

-CDWB-
STA. 67+90.43

-P3S1WB3-
29+90.66

0.020 0.020 0.020 6:1

EP EP EP EP EP

789.53

109+00.00

-Y5-
STA. 34+16.25

-CDWB-
STA. 67+40.43

-P3S1WB3-
29+40.66

0.020 0.020 0.020 6:1

EP EP EP EP EP

789.28

108+50.00

9/20/2011
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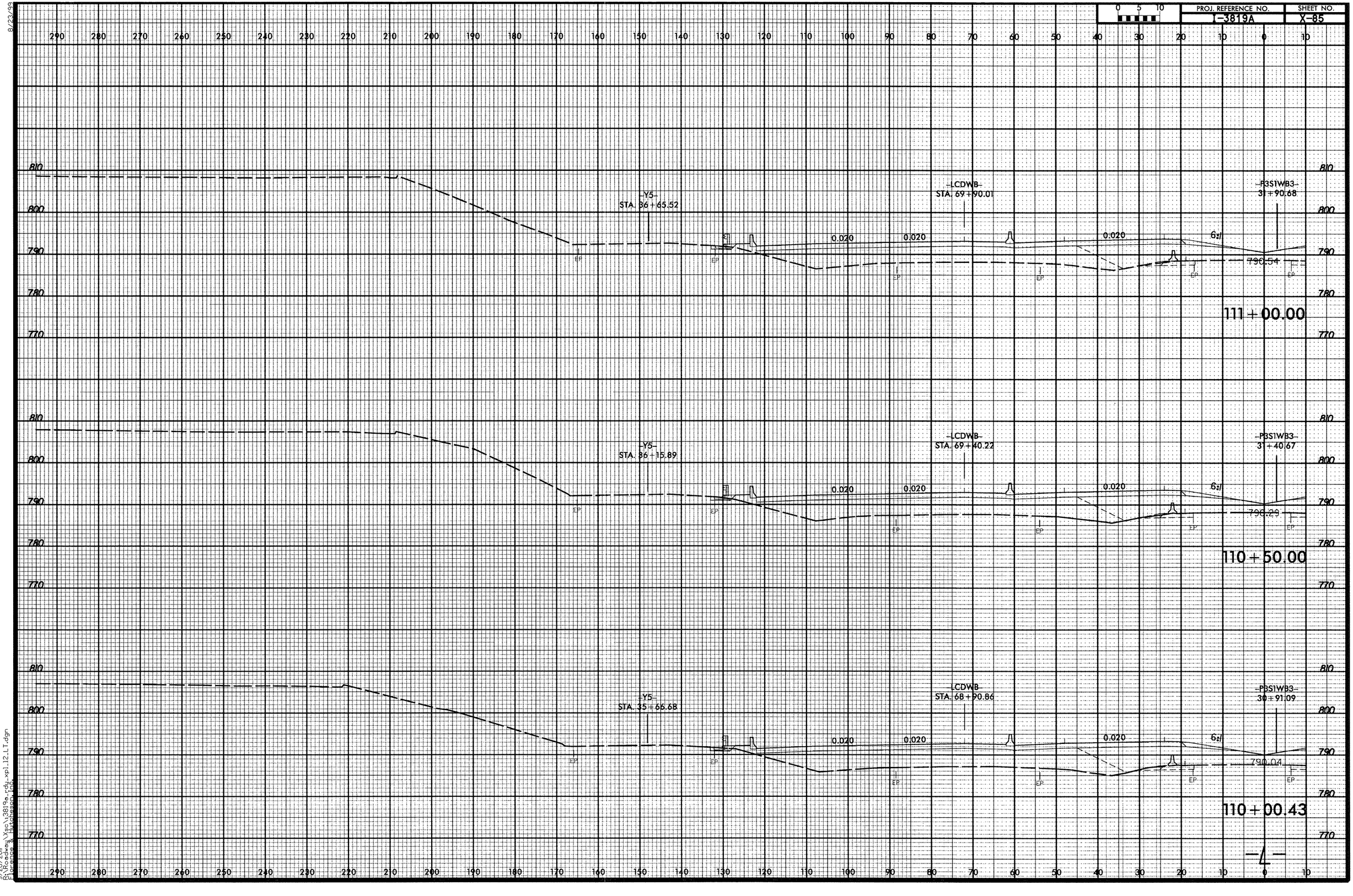
Florence & Hutcheson, Inc.



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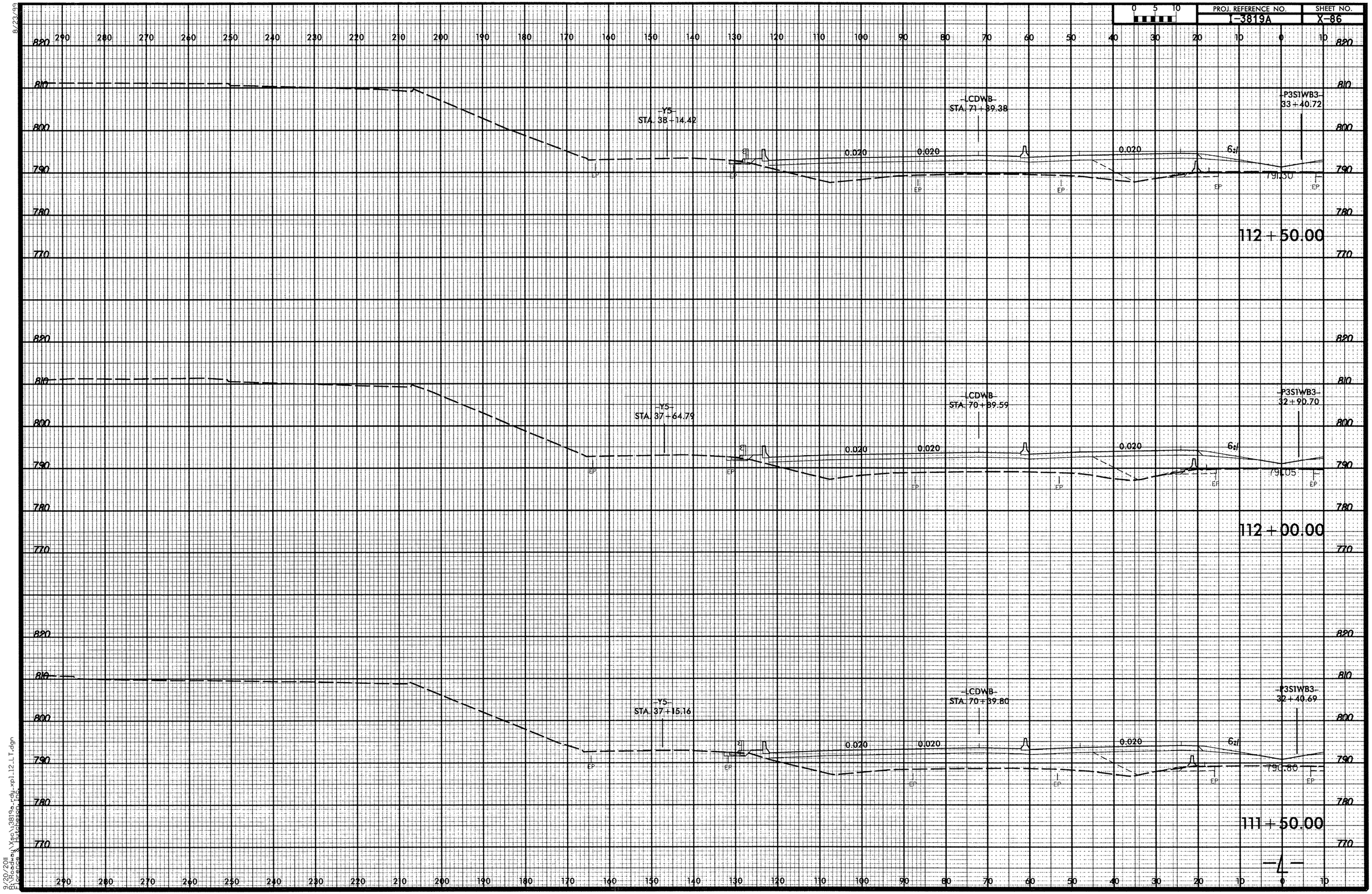
Florence & Hutcheson, PSC

9/23/2011



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Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-87

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

820 810 800 790 780 770

-Y5-
STA. 39+36.42

-CDWB-
STA. 72+61.78

-P3S1WB-
34+63.

0.010 0.010 0.020 0.020 0.020 6:1

EP EP EP EP EP EP

791.94

113+72.92

-Y5-
STA. 39+13.67

-CDWB-
STA. 72+38.95

-P3S1WB-
34+40.7

0.010 0.010 0.020 0.020 0.020 6:1

EP EP EP EP EP EP

791.81

113+50.00

-Y5-
STA. 38+64.05

-CDWB-
STA. 71+89.16

-P3S1WB3-
33+90.7

0.020 0.020 0.020 6:1

EP EP EP EP EP EP

791.56

113+00.00

-4-

9/20/2011
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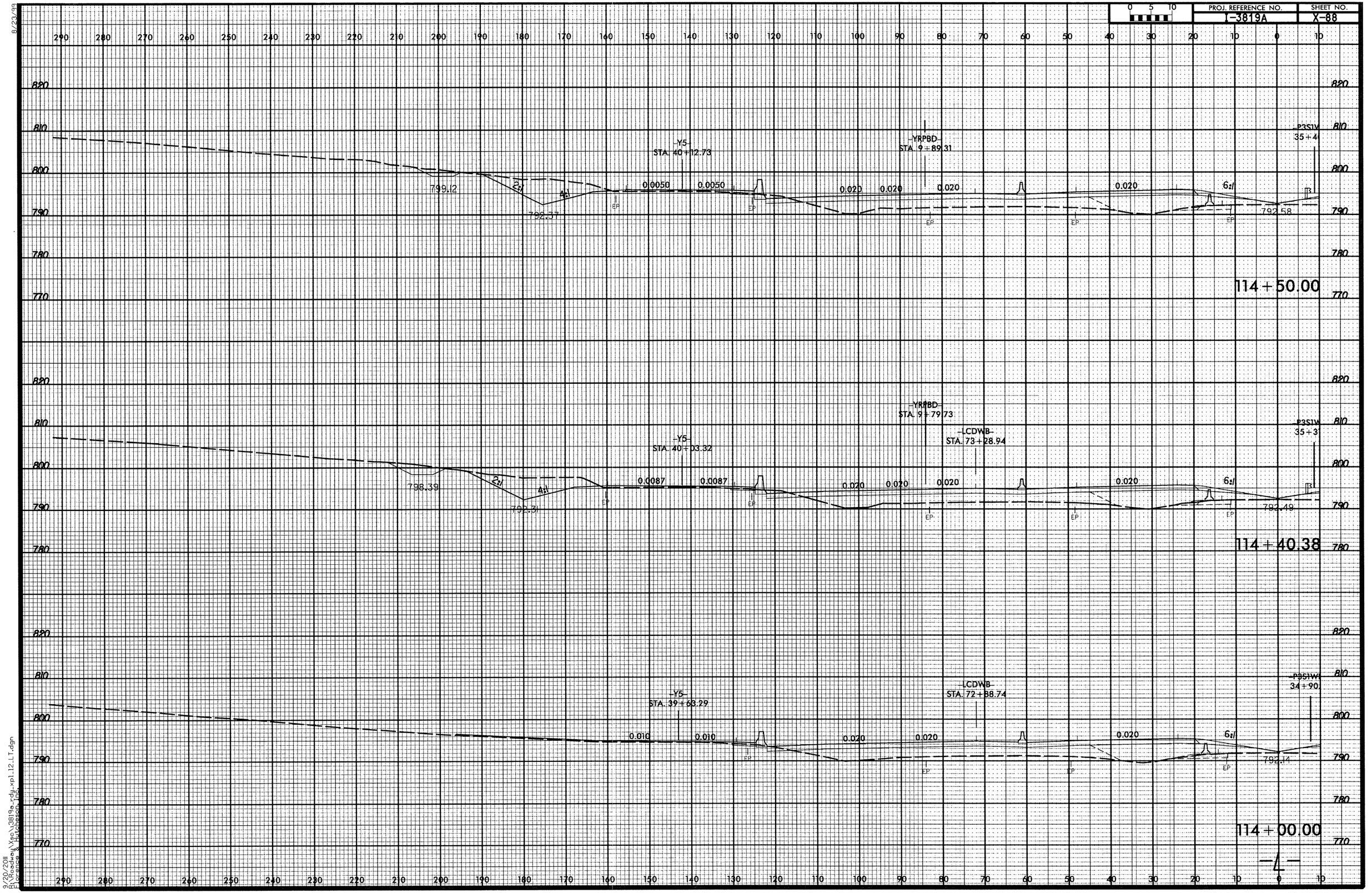
Florence & Hutcheson Log



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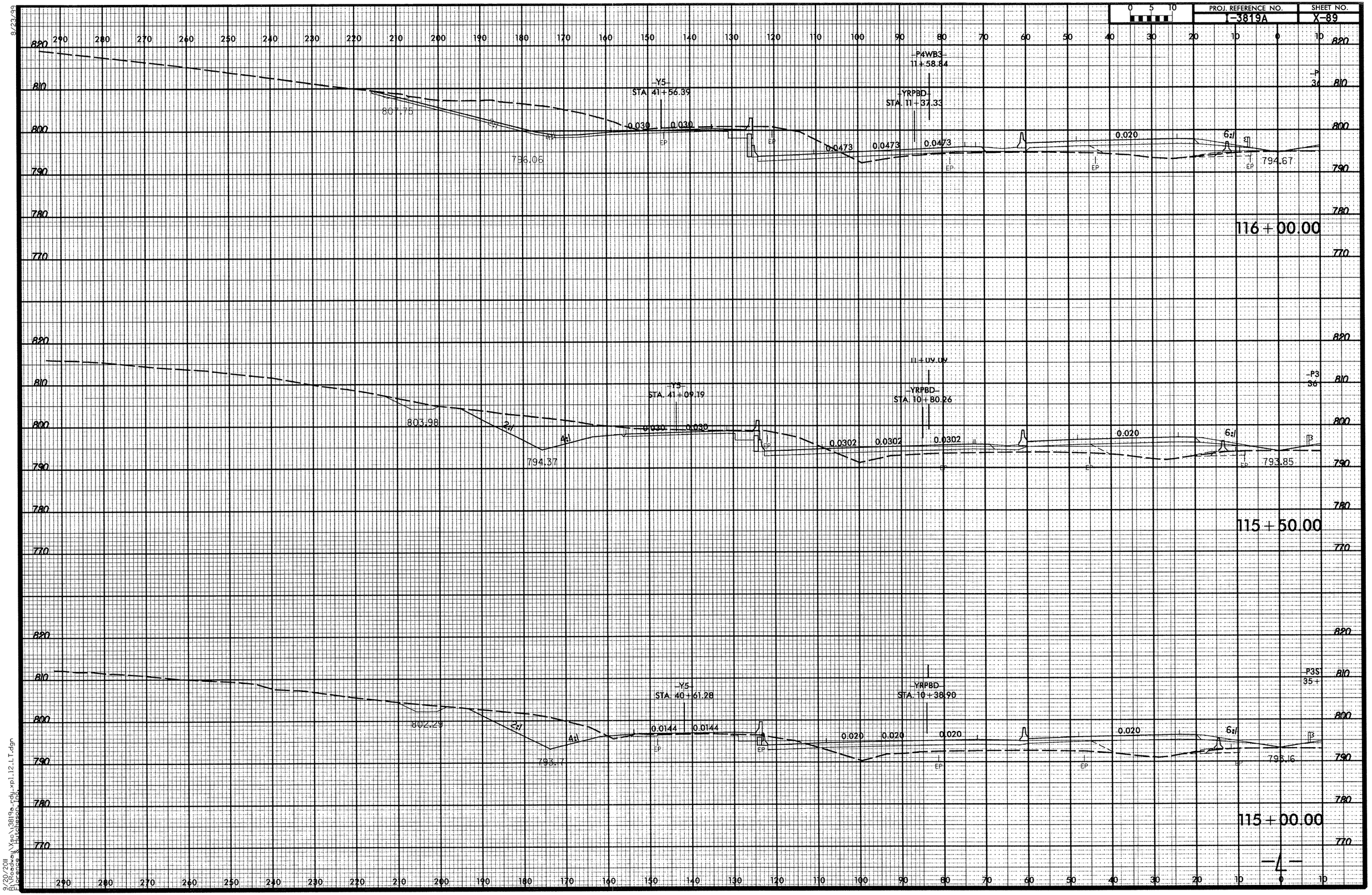
Florence & Hutcheson, Inc.



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Florance & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-90

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

830 820 810 800 790 780 770

84.75

800.08

2:1 4:1

-Y5-
STA. 42+48.70

0.030 0.030

EP

-TRPBD-
STA. 12+34.28

-P4WB3-
12+58.36

0.060 0.060 0.060

EP 796.49

6:1

0.020

EP

-P3S1YRPB2-
8+65.81

6:1

EP 796.67

117+00.00

813.91

797.99

2:1 4:1

-Y5-
STA. 42+02.82

0.030 0.030

EP

-YRPBD-
STA. 11+86.00

-P4WB3-
12+08.60

0.060 0.060 0.060

EP

6:1

0.020

EP

-P3S1YRPB2-
8+15.79

6:1

EP 795.61

116+50.00

9/20/2011
R:\Roadway\Xse\i3819a_rdy_xpl_12_LT.dgn
Florence & Hutcheson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-91

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

830 820 810 800 790 780

817.60

-Y5-
STA. 43+23.58

803.42

-YRPBD-
STA. 13+13.19

-P4WB3-
13+40.80

797.28

-P3S1YRPB2-
9+48.94

798.70

816.48

-Y5-
STA. 42+94.10

802.14

YRPBD
STA. 12+82.11

P4WB3
13+08.13

797.10

-P3S1YRPB2-
9+15.94

797.86

117+82.80

117+50.00

-4-

9/20/2011
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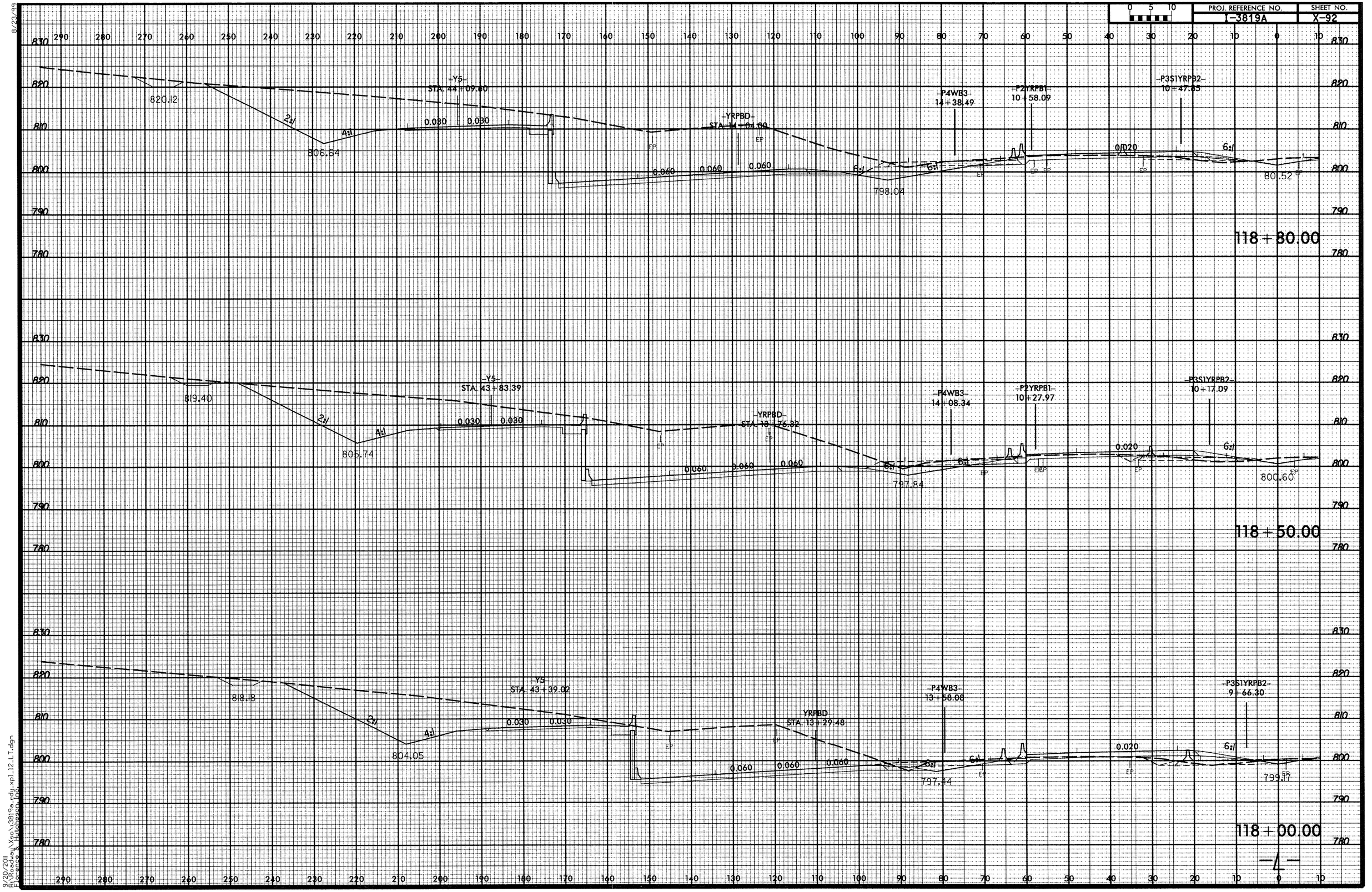
Florence & Hutcheson, Inc.



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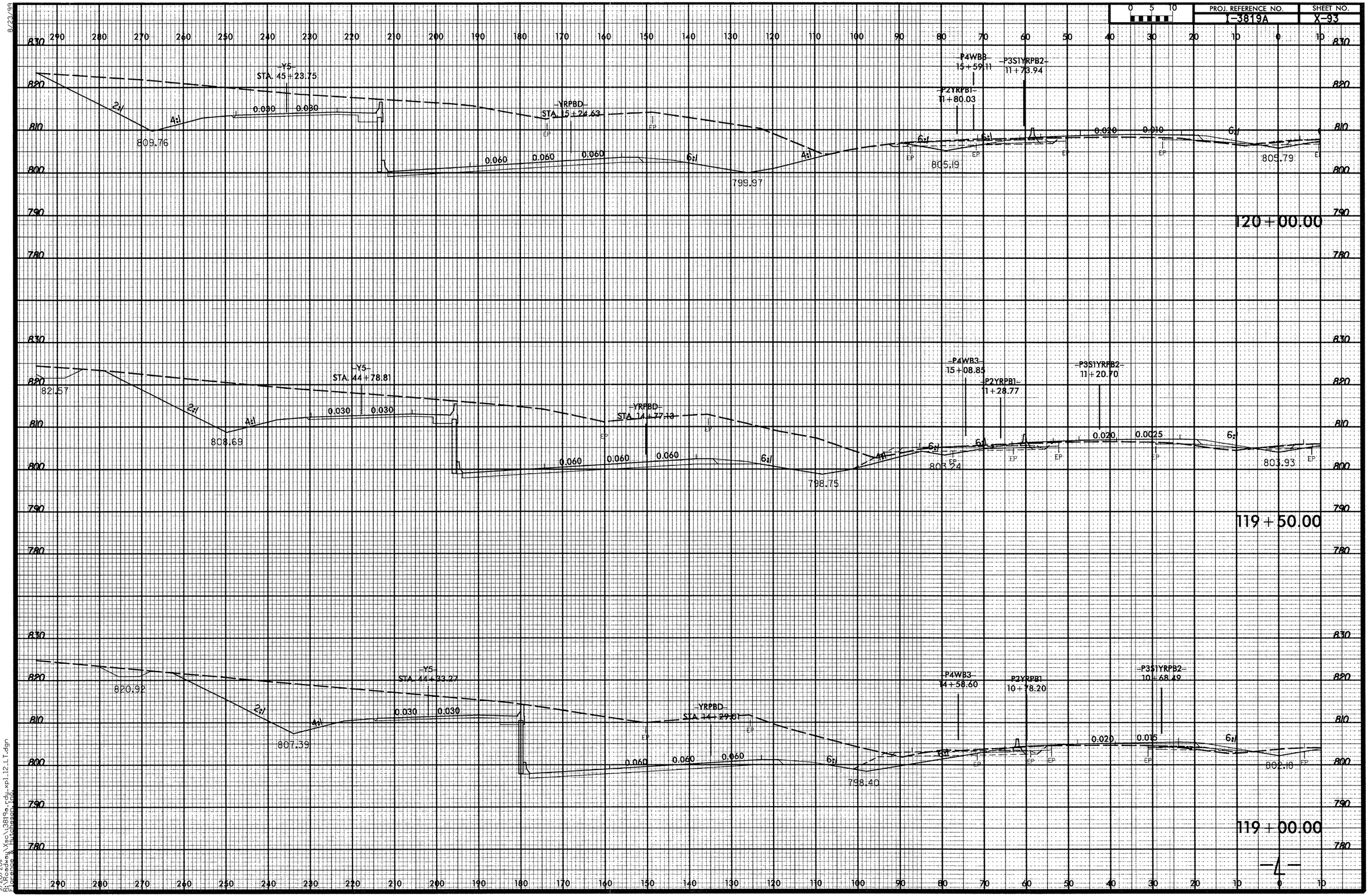
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-93



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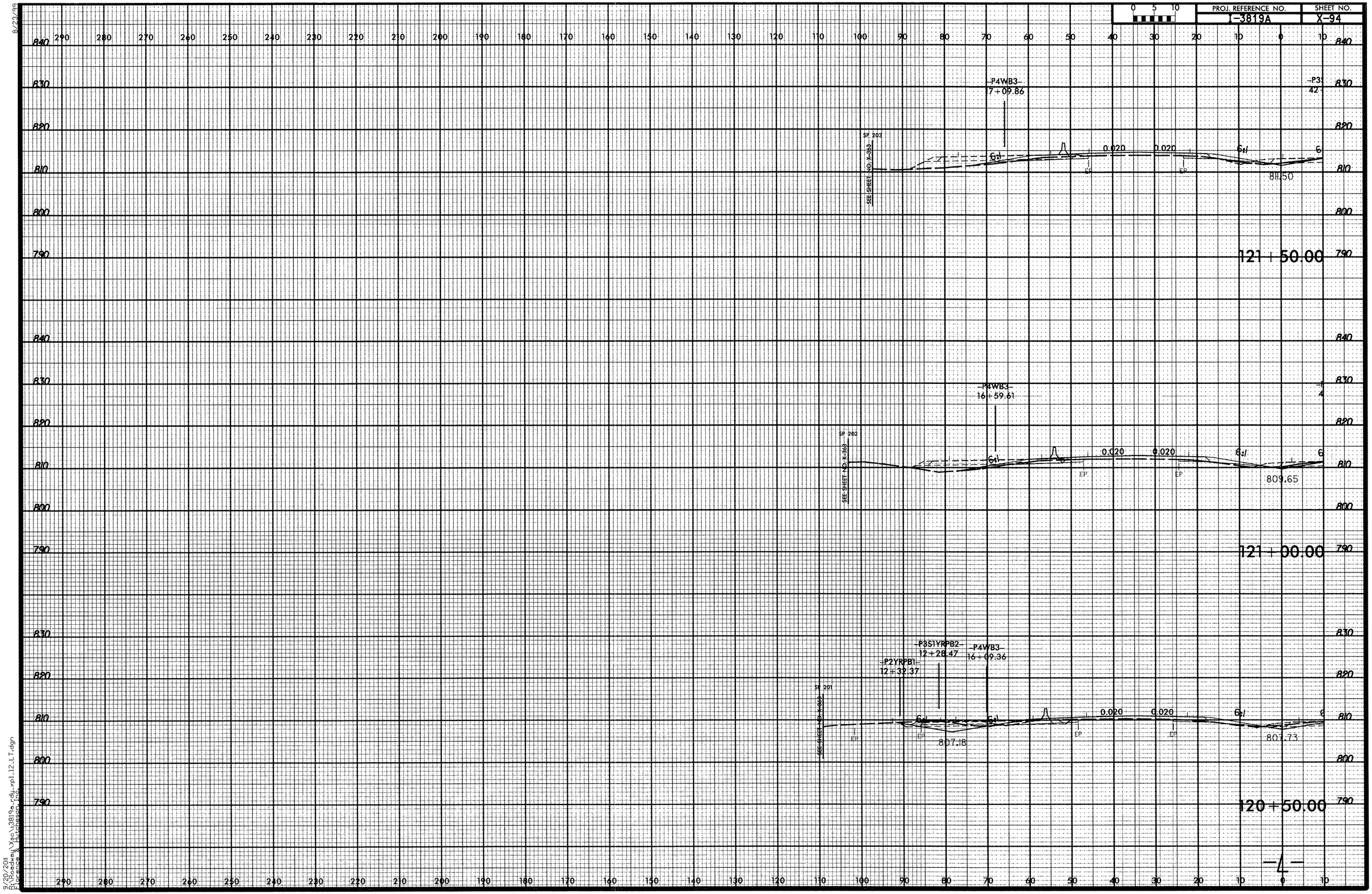
Florence & Hutchinson, Inc.



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Florence & Hutchinson Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-95

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800

SP 206
SEE SHEET NO. X-364

P4WB3
18+60.60

P3S1WB3
43+91.11

6:1 0.020 0.020 6:1 6:1

EP EP

816.93

123+00.00

SP 205
SEE SHEET NO. X-364

P4WB3
18+10.36

P3S1WB3
43+41.0

6:1 0.020 0.020 6:1 6:1

EP EP

815.09

122+50.00

SP 204
SEE SHEET NO. X-364

P4WB3
17+60.11

P3S1W
42+9

6:1 0.020 0.020 6:1 6:1

EP EP

813.29

122+00.00

-4-

9/20/2011
G:\Roadway\Xsec\3819a_rdy_xp12_LT.dgn
Florence & Hutcheson, DGN

8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-96

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800

P4WB3
20+11.32

P3S1WB3
45+41.43

6:1 0.020 0.020 6:1 6:1

EP EP

820.78

124+50.00

P4WB3
19+61.08

P3S1WB3
44+91.32

6:1 0.020 0.020 6:1 6:1

EP EP

820.78

124+00.00

P4WB3
19+10.84

P3S1WB3
44+41.21

6:1 0.020 0.020 6:1 6:1

EP EP

818.84

123+50.00

9/20/2011 R:\Roadway\Xsc\3819a_rdy_xpl_12_LT.dgn
Florance & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-97

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810

P4WB3
21+27.92

P3S1WB3
46+56.66

6:1 0.020 0.020 6:1 6:1

EP EP

827.20

125+65.18

850 840 830 820 810

P4WB3
21+11.78

P3S1WB3
46+41.65

6:1 0.020 0.020 6:1 6:1

EP EP

825.61

125+50.00

850 840 830 820 810

P4WB3
20+61.56

P3S1WB3
45+91.54

6:1 0.020 0.020 6:1 6:1

EP EP

820.78

125+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl12_LT.dgn
Lorena K Nicholson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-98

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

860 850 840 830 820

P4WB3
22+62.00

P3S1WB3
47+91.84

EP EP

127+00.00

P4WB3
22+11.95

P3S1WB3
47+41.80

EP EP

126+50.00

P4WB3
21+61.89

P3S1WB3
46+91.74

6:1 0.020 0.020 6:1 6:1

EP EP

828.55

126+00.00

9/20/2011
P:\Roadway\Xsc\I3819a_rdy_xpl12_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-99

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

870 860 850 840 830 820

P1S4WB1
12+21.67
P3S1WB3
49+41.93
P4WB3
24+12.08
EP EP EP

128+50.00

P1S4WB1
11+71.67
P3S1WB3
48+91.91
P4WB3
23+62.06
EP EP EP EP

128+00.00

P4WB3
23+12.04
P3S1WB3
48+41.88
EP EP EP EP

127+50.00

9/20/2011
P:\Roadway\Esc\3819a_rdy_xpl_12_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-100

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

870 860 850 840 830

SP 324

SEE SHEET NO. X-260

-P1S4WB1-
13+71.69
-P3S1WB3-
50+91.96
P4WB3
25+62.11

EP EP

130+00.00

870 860 850 840 830

SP 323

SEE SHEET NO. X-260

-P1S4WB1-
13+21.68
-P3S1WB3-
50+41.96
P4WB3
25+12.30

EP EP

129+50.00

870 860 850 840 830

SP 322

SEE SHEET NO. X-260

-P1S4WB1-
12+71.67
-P3S1WB3-
49+91.94
P4WB3
24+62.09

EP EP

129+00.00

820

-4-

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Xsc\3819a_rdy_xpl_12_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-101

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

880
870
860
850
840

SP 327
SEE SHEET NO. X-286
CP
P1S4WB1
15+21.76
131+50.00

880
870
860
850
840

EP EP
SP 326
SEE SHEET NO. X-260
P1S4WB1
14+71.73
EP
EP
131+00.00

880
870
860
850
840

SP 325
SEE SHEET NO. X-259
P1S4WB1
14+21.70
130+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

-4-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-102

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

870 860 850 840 830

SP 330
SEE SHEET NO. X-286

EP

133+00.00

870 860 850 840 830

SP 329
SEE SHEET NO. X-286

P1S4WB1
16+21.86

EP

132+50.00

880 870 860 850 840 830

SP 328
SEE SHEET NO. X-286

EP

P1S4WB1
15+71.80

EP

132+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Lorenzo & Nicholson, DGN

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-103

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830

135+50.00

850 840 830

135+00.00

850 840 830

134+50.00

860 850 840 830

SP 332

SEE SHEET NO. X-281

134+00.00

860 850 840 830

SP 331

SEE SHEET NO. X-281

133+50.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011 P:\Roadway\Xsc\3819a_rdy_xp1_12_LT.dgn
bstephens

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-104

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

870 860 850 840 830

SP. 270
SEE SHEET NO. X-38

S.S. 839.405
838.2

4:1 0.020 0.020 5:1 5:1

EP EP

P1S4
20+00

D.P. 843.027
137+00.00

SP. 269
SEE SHEET NO. X-38

S.S. 843.075
840.95

4:1 0.020 0.020 5:1 5:1

EP EP

P1S4
20+00

D.P. 843.857
136+50.00

S.S. 845.650
843.7

4:1 0.020 0.020 5:1 5:1

EP EP

P1S4WB
19+72.6

D.P. 844.640
136+00.00

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PROJ. REFERENCE NO. I-3819A | SHEET NO. X-105

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820

SP 274 | SP 333 | SP 275 | SEE SHEET NO. X-384 | SEE SHEET NO. X-385

5.89:1 | 0.020 | 0.020 | 5:1 | 5:1 | EP | EP

S.S. 836.045

D.P. 839.059

139+00.00

SP 273 | SEE SHEET NO. X-384

6:1 | 0.020 | 0.020 | 5:1 | 5:1 | EP | EP

S.S. 838.026

D.P. 840.119

138+50.00

860 850 840 830

SP 272 | SEE SHEET NO. X-384

4:1 | 0.020 | 0.020 | 5:1 | 5:1 | EP | EP

S.S. 838.143
837.1

D.P. 841.157

138+00.00

SP 271 | SEE SHEET NO. X-383

4:1 | 0.020 | 0.020 | 5:1 | 5:1 | EP | EP

S.S. 838.382
837.3

D.P. 842.127

137+50.00

—4—

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Florence & Hutchesson, Inc.

8/23/22

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	T-3819A	X-106

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810

SP 281
SEE SHEET NO. X-352

SP 280
SEE SHEET NO. X-352
0.020
0.020
EP
EP

SP 339
SEE SHEET NO. X-352

140+50.00

850 840 830 820

SP 278
SEE SHEET NO. X-351
0.020
0.020
EP
EP

SP 279
SEE SHEET NO. X-351

SP 337
SEE SHEET NO. X-352

140+00.00

850 840 830 820

SP 276
SEE SHEET NO. X-384
0.020
0.020
EP
EP

SP 277
SEE SHEET NO. X-384

SP 335
SEE SHEET NO. X-385

139+50.00

850 840 830 820

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-107

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800

SF 288
SEE SHEET NO. X-317

6:1 5:1 0.020 0.020 5:1 5:1

EP EP

D.P. 832.301

142+00.00

SF 287
SEE SHEET NO. X-318

SF 286
SEE SHEET NO. X-351

6:1 5:1 0.020 0.020 5:1 5:1

EP EP

D.P. 833.692

141+50.00

SF 285
SEE SHEET NO. X-391

6:1 5:1 0.020 0.020 5:1 5:1

EP EP

D.P. 834.813

141+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-108

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800

YRPA3
STA. 20+08.09

S.S. 826.646

S.S. 815.89

6:1 0.060 0.060 6:1 6:1 0.020 0.020 5:1 5:1

815.990

88.310

D.P. 827.405

143+50.00

SE 290

SEE SHEET NO. X-107

6:1 6:1 0.020 0.020 5:1 5:1

D.P. 829.188

143+00.00

SP 289

SEE SHEET NO. X-107

6:1 6:1 0.020 0.020 5:1 5:1

D.P. 830.820

142+50.00

-4-

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Torrence & Hutchison, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-109

YRPAB
STA. 18+67.80

S.S. 808.797

3.76:1

0.060

0.060

4.82:1

S.S. 812.892

6:1

0.020

0.020

5:1

5:1

EP

EP

D.P. 822.267

145+00.00

YRPAB
STA. 19+15.16

S.S. 811.695

5.13:1

0.060

0.060

5.34:1

S.S. 814.248

6:1

0.020

0.020

5:1

5:1

EP

EP

D.P. 823.866

144+50.00

YRPAB
STA. 19+61.94

S.S. 813.241

5.97:1

0.060

0.060

6:1

S.S. 819.025

817.530

6:1

0.020

0.020

5:1

5:1

EP

EP

D.P. 825.579

144+00.00

840 830 820 810 800 790

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

9/20/2011
R:\Roadway\Vsc\I3819a_rdy_xpl12_LT.dgn
Florence & Hutcheson, Inc.

-4-

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-110

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

YRPAB
STA. 17+71.52

S.S. 799.554

2.45:1 4:1 4:1 5:1 2.5:1

0.060 0.060 0.020 0.020

EP EP

D.P. 819.342

146+00.00

YRPAB
STA. 16+19.91

S.S. 803.270

2.45:1 4:1 4:1 5:1 5:1

0.060 0.060 0.020 0.020

EP EP

D.P. 820.781

145+50.00

9/20/2011
R:\Projects\Xsec\3819a_rdy_xpl12_LT.dgn
Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-111

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

WETLAND BOUNDARY

-YRPAB-
STA. 16+73.53

2:1 3 0.060 0.060 6:1 4:1 0.020 0.020 5:1 2:1 5:1

EP EP

D.P. 816.828

147+00.00

WETLAND BOUNDARY

-YRPAB-
STA. 17+22.71

2:1 3 0.060 0.060 4:1 4:1 0.020 0.020 5:1 2:1 5:1

EP EP

D.P. 817.994

146+50.00

9/20/2011
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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-112

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

YRFAB
STA. 15+74.29

WETLAND BOUNDARY

2:1 B 0.060 0.060 6:1 6:1 0.020 0.020 5:1 2:1 5:1

EP EP

D.P. 815.042

148+00.00

840 830 820 810 800 790 780

YRPAB
STA. 16+24.03

WETLAND BOUNDARY

2:1 B 0.060 0.060 6:1 4:1 0.020 0.020 5:1 2:1 5:1

EP EP

D.P. 815.844

147+50.00

840 830 820 810 800 790 780

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

4

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-113

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

-PTS-
32+

-YRPAB-
STA. 14+74.36

0.060 0.060 0.020 0.020

5:1 5:1

EP EP

D.P. 813.985

2.05:1

B

S.S. 798.756

149+00.00

-YRPAB-
STA. 15+24.38

0.060 0.060 6:1 0.020 0.020

5:1 5:1

EP EP

D.P. 814.422

2.05:1

P

WETLAND BOUNDARY

148+50.00

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-114

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

-YRPAB-
STA. 13+75.24

-P1S4WB1-
33+73.83

0.060 0.060 0.020 0.020 5:1 5:1

2.5% R

EP EP

D.P. 813.656

S.S. 799.416

150+00.00

-YRPAB-
STA. 14+25.42

-P1S4WB
33+23

0.060 0.060 0.020 0.020 5:1 5:1

2.0% R

EP EP

D.P. 813.729

S.S. 798.936

149+50.00

-4-

9/20/2011
P:\Roadway\Xsc\3819a_rdy_xpl_12_LT.dgn
Florence & Hutcheson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-115

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790 780

-P1S4WB1-
34+74.08

-YRPAB-
STA. 12+75.13

0.031 0.031 0.020 0.020

5:1 5:1

2.29:1

B

EP EP

D.P. 814.055

S.S. 802.042

151+00.00

-P1S4WB1-
34+73.97

-YRPAB-
STA. 13+25.16

0.046 0.046 0.020 0.020

5:1 5:1

2.29:1

B

EP EP

D.P. 813.764

S.S. 800.685

150+50.00

-4-

9/20/2011
R:\Roadway\Ysc\I3819a_rdy_xpl_12_LT.dgn
Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A | SHEET NO. X-116

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

840 830 820 810 800 790

-P1S4WB1-
35+74.26

-YRPAB-
STA. 11+75.08

0.020 0.020 0.020 0.020

5:1

2.52:1

EP EP

D.P. 815.183

800.99

S.S. 805.042

152+00.00

-P1S4WB1-
35+24.18

YRPAB
STA. 12+25.11

0.020 0.020 0.020 0.020

5:1

2.55:1

EP EP

D.P. 814.528

S.S. 803.875

151+50.00

9/20/2011
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Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-117

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 800

-P1S4WB1-
37+24.43

-YRPAB-
STA. 10+25.04

3.7:1 | 0.020 | 0.020 | 0.020 | 5:1 | A:1 | EP | EP

S.S. 818.1304

153+50.00

-P1S4WB1-
36+74.38

-YRPAB-
STA. 10+75.00

3.3:1 | 0.020 | 0.020 | 0.020 | 5:1 | A:1 | EP | EP

D.P. 817.040

808.83 S.S. 809.861

153+00.00

-P1S4WB1-
36+24.33

-YRPAB-
STA. 11+25.04

2.89:1 | 0.020 | 0.020 | 0.020 | 0.020 | 5:1 | EP | EP

D.P. 816.020

804.93 S.S. 807.190

152+50.00

3/20/2011
B:\Roadway\Xsc\13819a_rdy_xp1_12_LT.dgn
Florence & Hutcheson, Inc.

8/23/2011

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-118

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810

P1S4WB1
38+74.50

6:1 0.020 0.020 0.020 5:1 5:1

EP EP

155+00.00

P1S4WB1
38+24.49

6:1 0.020 0.020 0.020 5:1 5:1

EP EP

154+50.00

P1S4WB1
37+74.46

6:1 0.020 0.020 0.020 5:1 5:1

EP EP

154+00.00

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

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Florance & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-119

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820

-P1S4WB1-
40+24.52

0.020 0.020 6:1 5:1 4:1 5:1 EP EP

156+50.00

-P1S4WB1-
39+74.52

0.020 0.020 6:1 5:1 5:1 EP EP

156+00.00

-P1S4WB1-
39+24.51

0.020 0.020 6:1 5:1 5:1 EP EP

155+50.00

810

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Florence & Hutcheson, PDC

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PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-120

0 5 10

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850 840 830 820 810 860

158+00.00

157+50.00

157+00.00

4:1 6:1 5:1 0.020 EP

P1S4WB1
40+74.52

D.P. 828.895

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Florence & Hutcheson, PDS

8/22/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-121

290 280 270 260 250 240 230 220 210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10

850
840
830
820

6:1

EP EP

159+00.00

158+50.00

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Florence & Hutchason Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-122

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830

EX. EOT

EX. EOT

EX. R/W

87.79

22+00.00

880 870 860 850 840

EX. EOT

EX. EOT

EX. R/W

872.40

21+50.00

880 870 860 850

EX. EOT

EX. EOT

EX. R/W

873.20

21+00.00

880 870 860 850

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-123

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880
870
860
850
840
830

87L33

EX. EOT

EX. EOT

EX. R/W

23+00.00

880
870
860
850
840
830

87L48

EX. EOT

EX. EOT

EX. R/W

22+50.00

880
870
860
850
840
830

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florance & Hutchason, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-124

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850 840 830 820

-P2EB5-
10+61.53

87.52

EX. EOT

EX. EOT

EX. RAW

24+00.00

-P2EB5-
10+11.53

87.33

EX. EOT

EX. EOT

EX. RAW

23+50.00

-L-

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-125

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900
890
880
870
860
850
840

1WB2–
77.63

872.45

–P2EB5–
11+61.54

EX. EOT

EX. EOT

EX. R/W

25+00.00

B2–
55

P2EB5
11+11.54

871.93

EX. EOT

EX. EOT

EX. R/W

24+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-126

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900
890
880
870
860
850
840

P3S1WB2
17+77.83

P2EB5
12+61.56

873.63

EX. EOT

EX. EOT

EX. R/W

26+00.00

P3S1WB2
7+27.72

P2EB5
12+11.56

873.10

EX. EOT

EX. EOT

EX. R/W

25+50.00

9/20/2011
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Florance & Hutchison, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-127

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850

P3S1WB2
19+28.17

P2EB5
4+11.64

NOISE WALL

EX. R/W

6:1

876.05

4:1

4:1

869.56

EX. EOT

EX. EOT

27+50.00

P3S1WB2
18+78.07

P2EB5
13+61.61

NOISE WALL

EX. R/W

6:1

875.32

4:1

4:1

868.88

EX. EOT

EX. EOT

27+00.00

P3S1WB2
18+27.95

P2EB5
13+11.58

6:1

874.40

4:1

2:1

868.20

EX. R/W

EX. EOT

EX. EOT

26+50.00

5/22/2012
R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-128

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860

P3S1WB2
20+78.41

P2EB5
15+61.81

NOISE WALL

EX. RAW

6:1

878.22

EX. EOT

EX. EOT

4:1

871.61

4:1

29+00.00

P3S1WB2
20+28.34

P2EB5
15+11.75

NOISE WALL

EX. RAW

6:1

877.40

EX. EOT

EX. EOT

4:1

870.93

4:1

28+50.00

P3S1WB2
19+78.26

P2EB5
14+61.69

NOISE WALL

EX. RAW

6:1

876.70

EX. EOT

EX. EOT

4:1

870.24

3:1

28+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-129

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

910 900 890 880 870 860

-P3S1WB2-
22+28.55

-P2EB5-
17+11.95

NOISE WALL

EX. R/W

6:1

886.20

EX. EOT

EX. EOT

4:1

873.65

4:1

30+50.00

-P3S1WB2-
21+78.51

-P2EB5-
16+61.92

NOISE WALL

EX. R/W

6:1

879.30

EX. EOT

EX. EOT

4:1

872.97

4:1

30+00.00

-P3S1WB2-
21+28.46

-P2EB5-
16+11.87

NOISE WALL

EX. R/W

6:1

878.74

EX. EOT

EX. EOT

4:1

872.29

4:1

29+50.00

5/22/2012
R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
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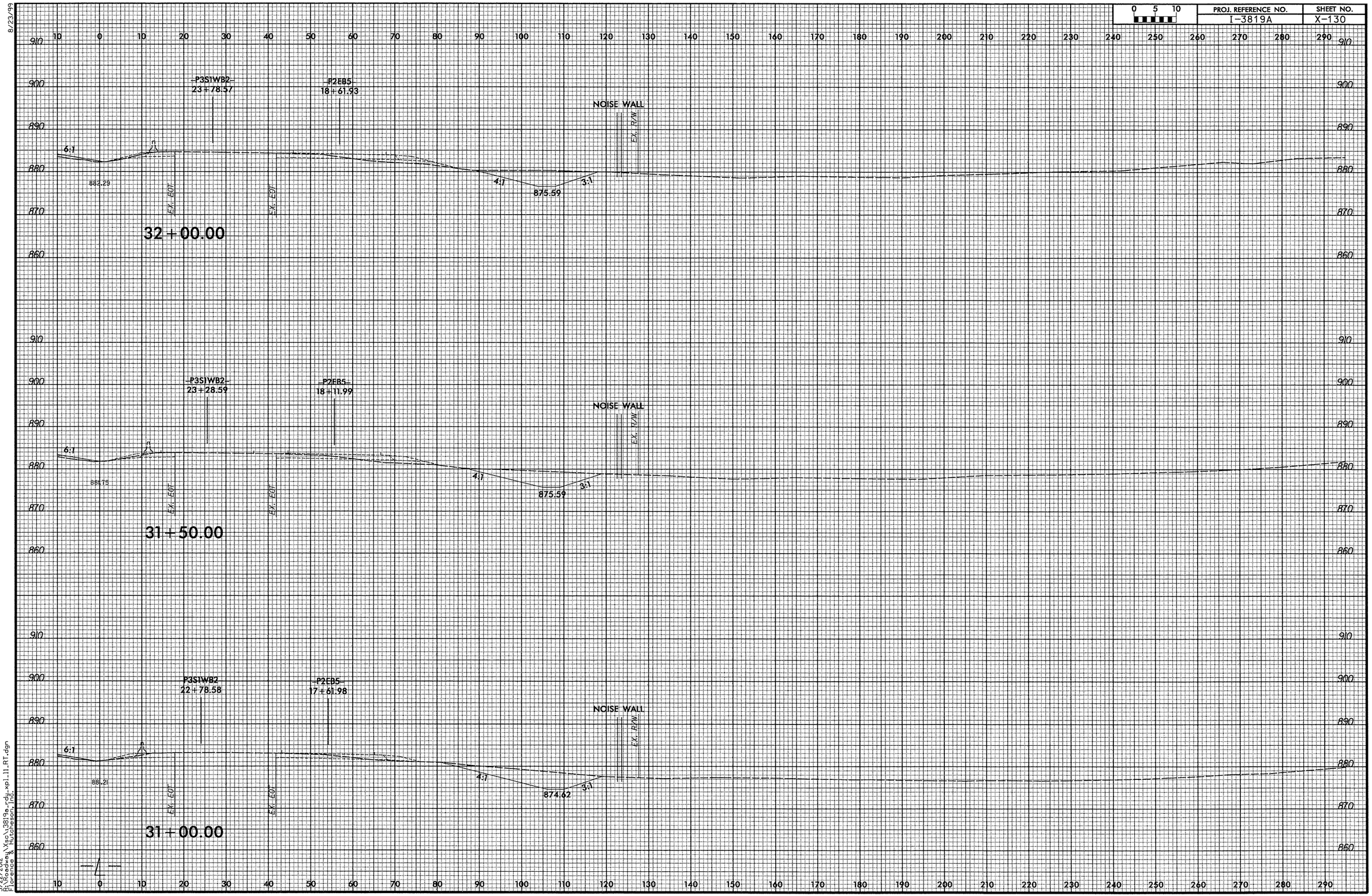
0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-130



5/22/2002
R:\Roadway\Xsc\3819a_rdy_xp1_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-131

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

910 900 890 880 870 860

P3S1WB2
25+28.31

P2EB5
20+11.36

NOISE WALL

EX. R/W

6:1

884.50

EX. EOT

4:1

879.47

4:1

33+50.00

P3S1WB2
24+78.43

P2EB5
19+61.60

NOISE WALL

EX. R/W

6:1

883.78

EX. EOT

4:1

878.50

4:1

33+00.00

P3S1WB2
24+28.52

P2EB5
19+11.80

NOISE WALL

EX. R/W

6:1

883.01

EX. EOT

4:1

877.53

4:1

32+50.00

5/22/2012
R:\Roadway\Xss\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-132

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

910 900 890 880 870 860

35+00.00

—P2EB5—
21+60.62

NOISE WALL

EX. RAIL

EX. EOT

EX. EOT

6:1

4:1

4:1

886.57

882.70

34+50.00

—P2EB5—
21+10.87

NOISE WALL

EX. RAIL

EX. EOT

EX. EOT

6:1

4:1

4:1

885.95

881.57

34+00.00

—P2EB5—
20+61.11

NOISE WALL

EX. RAIL

EX. EOT

EX. EOT

6:1

4:1

4:1

885.49

880.44

5/22/202
R:\Roadway\Xsc\3819a_rdy_xpl.11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-133

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

910 900 890 880 870

-P2EB5-
22+60.13

NOISE WALL

EX. R/W

6:1

6:1

4:1

884.96

887.53

EX. EOT

EX. EOT

36+00.00

-P2EB5-
22+10.38

NOISE WALL

EX. R/W

6:1

4:1

4:1

883.83

887.02

EX. EOT

EX. EOT

35+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsec\3819a_rdy_xpl_ll_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-134

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

910
900
890
880
870

-P2EB5-
23+59.65

EX. H/W

6:1

888.03

EX. EOT

EX. EOT

6:1

4:1

37+00.00

940
930
920
910
900
890
880
870

-P2EB5-
23+09.89

NOISE WALL

EX. R/W

6:1

887.90

EX. EOT

EX. EOT

6:1

4:1

886.09

36+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/202
R:\Roadway\Xsc\i3819a_rdy_xpl11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-135

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

920
910
900
890
880
870

P2EB5
24+59.16

EX. HHW

365:1

8:1

888.52

888.11

EX. EOT

EX. EOT

2:1

38+00.00

P2EB5
24+09.40

EX. HHW

6:1

888.03

EX. EOT

EX. EOT

2:1

37+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-136

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

920
910
900
890
880
870

P2EB5
25+58.67

EX. R/W

2:1

6.8:1 6.7:1

888.22

887.92

EX. EOT

EX. EOT

39+00.00

P2EB5
25+08.91

EX. R/W

2:1

7.45:1 7.7:1

888.37

887.92

EX. EOT

EX. EOT

38+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsc\I3819a_rdy_xpl11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-137

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

920 910 900 890 880 870

EX. R/W

–P2EB5–
26+58.18

2:1

6:1 6:1

887.92

887.27

EX. EOT

EX. EOT

40+00.00

EX. R/W

–P2EB5–
26+08.42

2:1

6.45:1 6:1

888.07

887.66

EX. EOT

EX. EOT

39+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsec\3819a_rdy_xpl11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-138

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

920 910 900 890 880 870 860

EX. R/W

P2EB5
27+57.69

2:1

887.16
886.48

EX. EOT

EX. EOT

41+00.00

EX. R/W

P2EB5
27+07.94

2:1

6:1 5:1
887.71
886.9

EX. EOT

EX. EOT

40+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

5/22/2012
R:\Roadway\Xsc\3819a_rdy_xpl11_RT.dgn
Lorence Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-139

0 5 10

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

940 930 920 910 900 890 880 870 860

P2EB5
28+57.20

885.81
885.30

EX. EOT

EX. EOT

EX. EOW

2:1

42+00.00

P2EB5
28+07.45

886.53
885.91

EX. EOT

EX. EOT

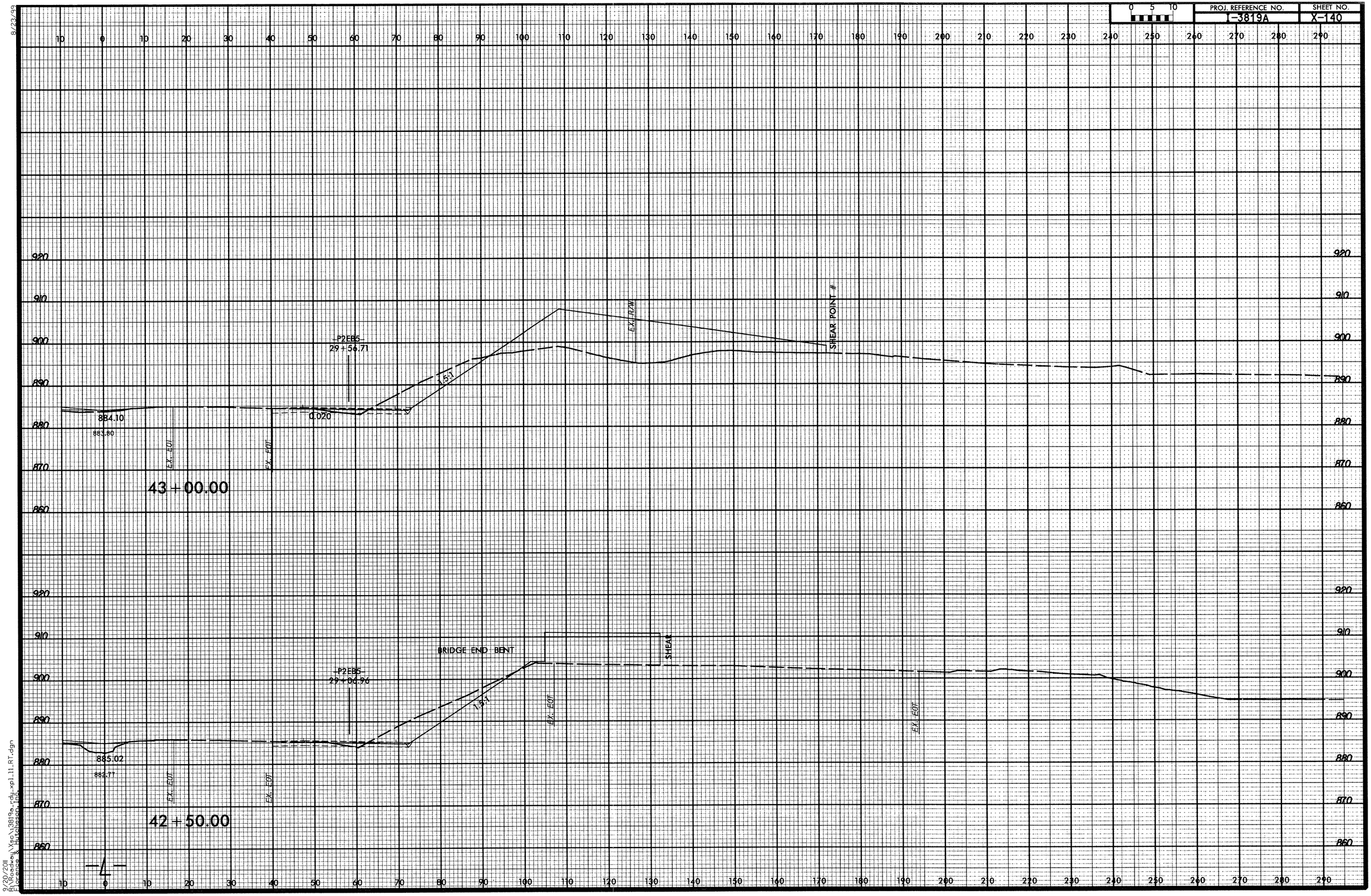
EX. EOW

2:1

41+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
Torrence, Hutchison, Lee



9/20/2011
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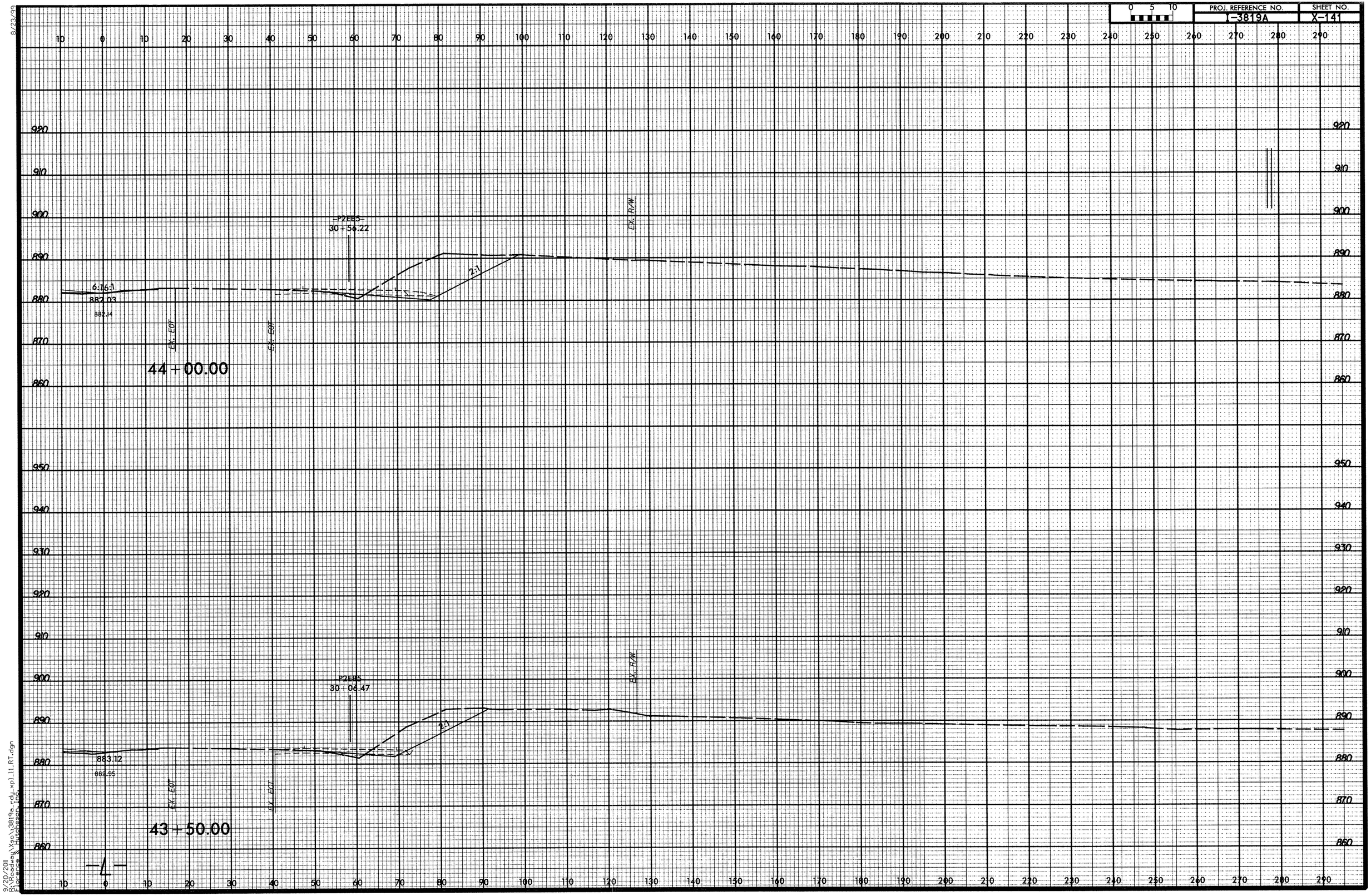
Florence & Hutcheson, Inc.

9/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-141



9/20/2011
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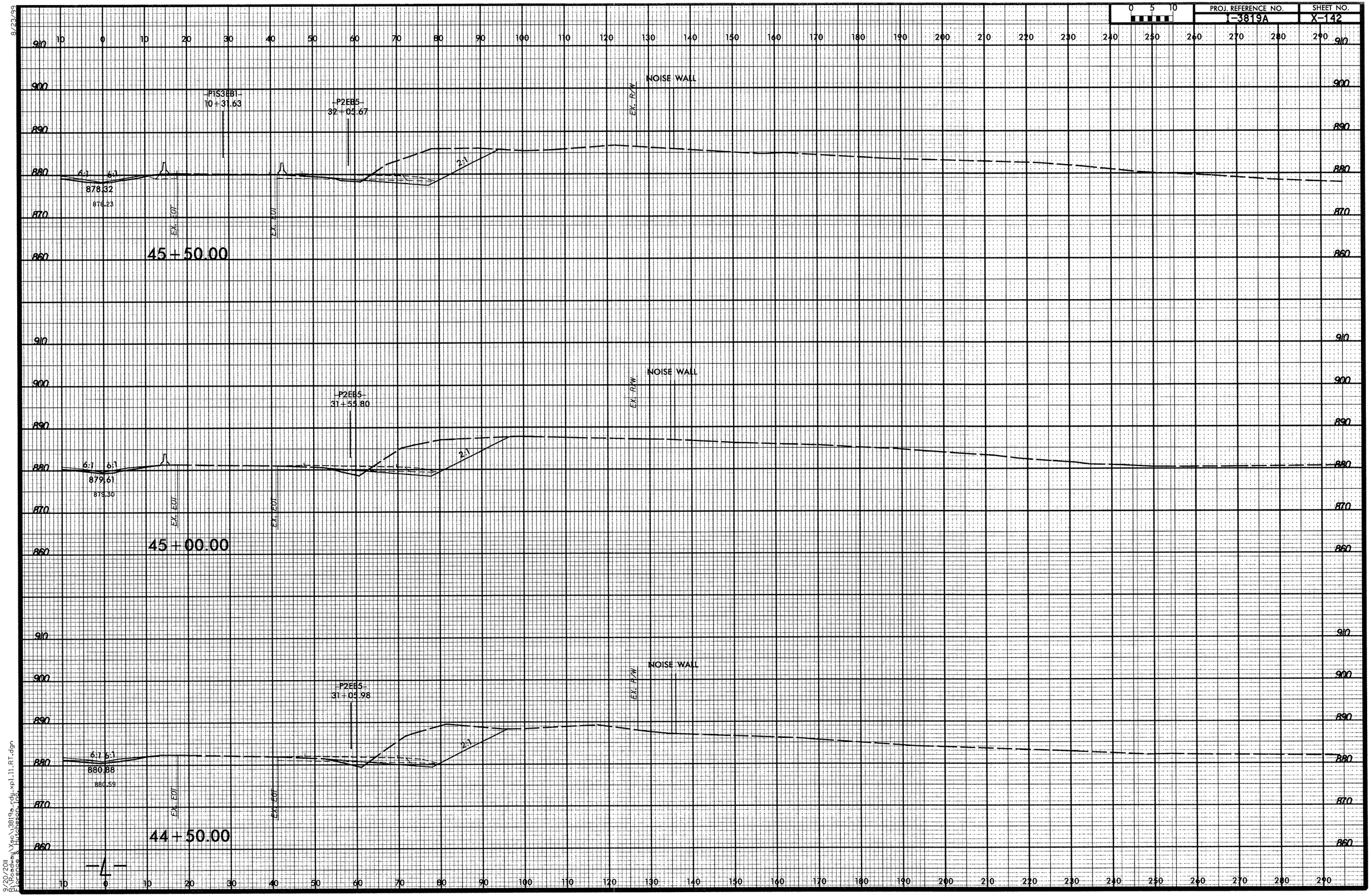
Florence & Hutcheson, Inc.

9/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-142



9/20/2011
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Florence & Hutcheson, Inc.

8/23/22

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-143

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850 910 900 890 880 870 860

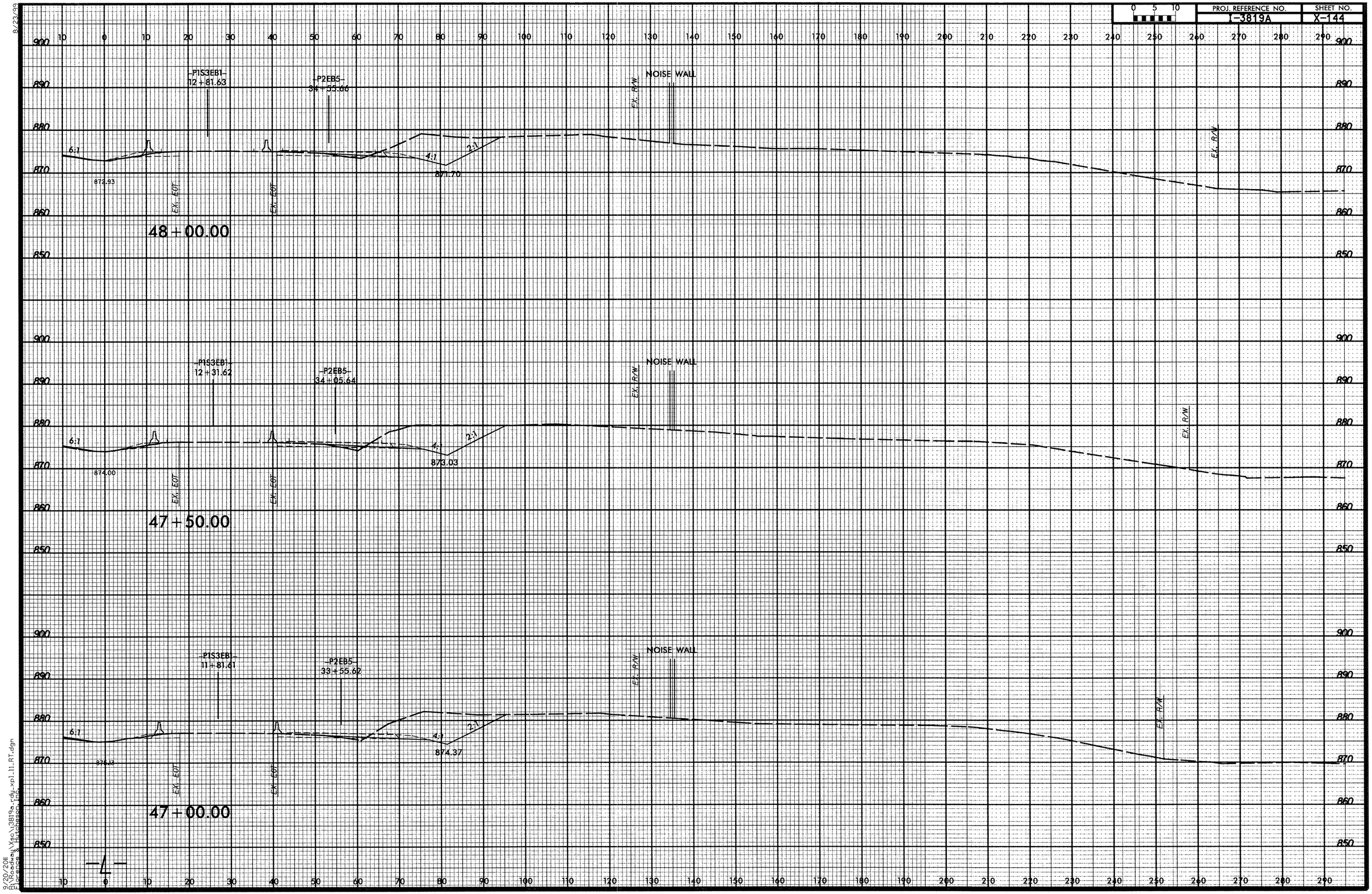
F1S3EB1
11+31.60
P2EB5
33+05.61
EX. R/W
NOISE WALL
EX. R/W
6:1
876.38
EX. EOT
EX. EOT
2:1
4:1
875.70
46+50.00

P1S3EB1
10+81.60
P2EB6
32+55.62
EX. R/W
NOISE WALL
EX. R/W
6:1
6:1
877.12
877.17
EX. EOT
EX. EOT
2:1
46+00.00

9/20/2011
R:\Roadway\Xsc\3819a_rdy_xp11_RT.dgn
Florence & Hutcheson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-144



9/20/2011
R:\Roadway\Xsc\3819a_rdy_xpl11_RT.dgn
Lorena.Hutchinson

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-145

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850

P1S3EB1
14+31.72

P2EB5
36+05.77

NOISE WALL

6:1

865.90

EX. EOT

EX. EOT

2.3:1

EX. R/W

EX. R/W

49+50.00

P1S3EB1
13+81.68

P2EB5
35+55.72

NOISE WALL

NOISE WALL

EX. R/W

6:1

6:1

87.16

EX. EOT

EX. EOT

EX. R/W

49+00.00

P1S3EB1
13+31.65

P2EB5
35+05.69

NOISE WALL

EX. R/W

6:1

2%

VAR.

870.37

872.00

EX. EOT

EX. EOT

EX. R/W

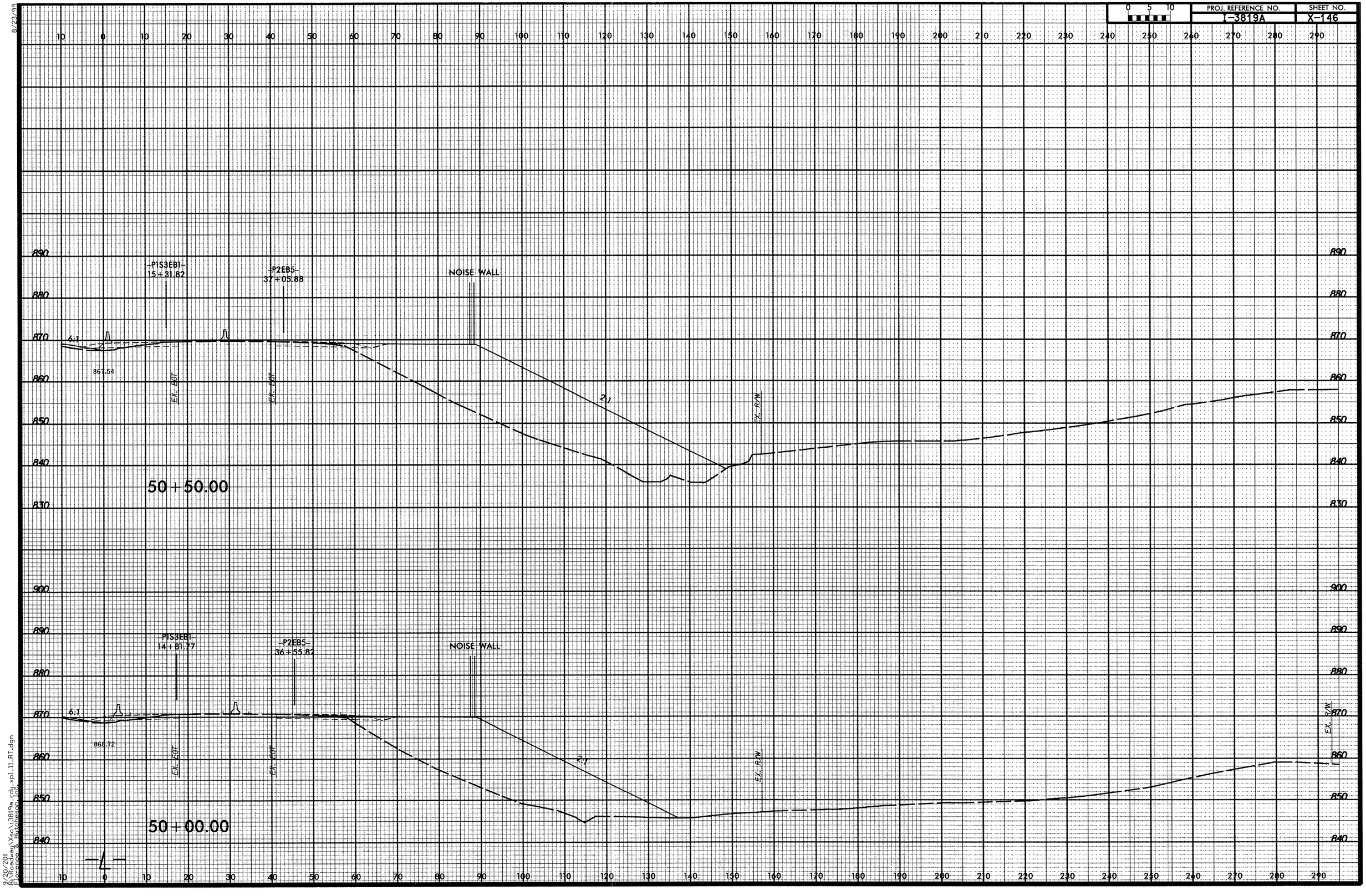
48+50.00

-4-

9/20/2011
R:\Roadway\Vsc\3819a_rdy_xp11_11_RT.dgn
Florence & Hutcheson Inc.

8/23/2011

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-146



9/20/2011
B:\Roadway\Xsc\13819a_rdy_xp1_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-147

0 5 10

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

P1S3EB1
16+31.93

P2EB5
38+05.97

NOISE WALL

6:1

865.79

EX. EOT

EX. EOT

2:1

EX. R/W

51+50.00

P1S3EB1
15+81.88

P2EB5
37+55.93

NOISE WALL

6:1

866.57

EX. EOT

EX. EOT

2:1

EX. R/W

51+00.00

9/20/2011
R:\Roadway\Xsc\13819a_rdy_xp1_11_RT.dgn
Florance & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-148

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

P153EB1
17+32.00

P2EB5
39+06.03

NOISE WALL

6:1

863.67

EX. EOT

EX. EOT

2:1

EX. R/W

52+50.00

P153EB1
16+81.97

P2EB5
38+56.01

NOISE WALL

6:1

864.93

EX. EOT

EX. EOT

2:1

EX. R/W

52+00.00

-L-

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

9/20/2011
R:\Roadway\Xsc\I3819a_rdy_xp1_11_RT.dgn
Florence & Hutcheson, PGV

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-149

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890
880
870
860
850
840
830

P1S3EB1
10+32.85

P2EB5
40+06.06

NOISE WALL

6:1

861.54

EX. EOT

EX. EOT

2:1

EX. R/W

53+50.00

P1S3EB1
17+82.03

P2EB5
39+56.05

NOISE WALL

6:1

862.42

EX. EOT

EX. EOT

2:1

EX. R/W

53+00.00

—℄—

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

9/20/2011
D:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-150

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890
880
870
860
850
840
830

P1S3EB1
19+32.07
P2EB5
41+06.08
NOISE WALL
6:1
866.08
EX. EOT
EX. EOT
2:1
EX. R/W

54+50.00

P1S3EB1
18+82.06
P2EB5
40+56.07
NOISE WALL
6:1
860.86
EX. EOT
EX. EOT
2:1
EX. R/W

54+00.00

890
880
870
860
850
840
830

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

9/20/2011
E:\Roadway\Xsc\I3819a_rdy_xpl_11_RT.dgn
Florence & Hutchinson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-151

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840

P1S3EB1
20+82.08

NOISE WALL

6:1

856.36

EX. EOT

EX. EOT

2:1

EX. R/W

56+00.00

P1S3EB1
20+82.07

P2EB5
42+06.08

NOISE WALL

6:1

856.86

EX. EOT

EX. EOT

2:1

EX. R/W

55+50.00

P1S3EB1
19+82.07

P2EB5
41+56.08

NOISE WALL

6:1

855.47

EX. EOT

EX. EOT

2:1

EX. R/W

55+00.00

9/20/2011
R:\Roadway\Xsec\I3819a_rdy_xpl11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-152

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840

-P1S3EB1-
22+82.08

L RT2
57+50.00

NOISE WALL

EX. R/W

8:1 6:1 6:1 0.000 0.020 6:1 2:1

856.79

856.42

854.88

EX. EOP

EX. EOP

57+50.00

-P1S3EB1-
21+82.08

L RT2
57+00.00

NOISE WALL

NOISE WALL

EX. R/W

EX. R/W

8:1 6:1 6:1 0.010 0.020 6:1 2:1

857.37

857.14

EX. EOP

EX. EOP

57+00.00

-P1S3EB1-
21+82.08

L RT2
56+50.00

NOISE WALL

EX. R/W

6:1 6:1 2:1

857.79

EX. EOP

EX. EOP

56+50.00

-4-

3/20/2011
B:\Roadway\Vsc\13819a_rdy_xpl_11_RT.dgn
Florance & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-153

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

NOISE WALL

EX. R/W

P1S3EB1
23+32.08

L RT2
58+50.00

RETAINING WALL

8:1 6:1 0.020 0.020 6:1 VAR 2:1

855.57

855.07

853.52

EX. EOT EX. EOT

58+50.00

890 880 870 860 850 840 830

NOISE WALL

EX. R/W

P1S3EB1
22+82.08

L RT2
58+00.00

RETAINING WALL

8:1 6:1 0.010 0.020 6:1 2:1

856.18

855.83

854.20

EX. EOT EX. EOT

58+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

12/19/2011
P:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-154

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
24+32.08

-L- RT2-
59+50.01

8:1 6:1 0.020 0.020 6:1 2:1 VAR.

854.25
853.80
852.38

EX. EOT EX. EOT

59+50.00

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
23+82.08

-L- RT2-
59+00.01

8:1 6:1 0.020 0.020 6:1 2:1 VAR.

854.91
854.40
852.96

EX. EOT EX. EOT

59+00.00

-L-

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

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K:\Projects\Yso\3819a_rdy_xp1_11_RT.dgn
Florance & Hutchesson, inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-155

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850 840 830

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
25+32.08

-L_RT2-
60+50.02

8:1 6:1 0.020 0.020 6:1 VAR. 2:1

852.87

852.57

851.13

EX. EOT EX. EOT

60+50.00

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
24+82.08

-L_RT2-
60+00.02

8:1 6:1 0.020 0.020 6:1 VAR. 2:1

853.56

853.27

851.77

EX. EOT EX. EOT

60+00.00

-4-

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

900 890 880 870 860 850 840 830

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R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-156

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
26+82.08

-L RT2-
61+50.03

8:1 6.76% 4% 0.020 0.020 6:1 VAR.

851.57

851.43

849.84

EX. EOI

EX. EOI

61+50.00

900 890 880 870 860 850 840 830

NOISE WALL

EX. R/W

RETAINING WALL

-P1S3EB1-
25+82.08

-L RT2-
61+00.03

8:1 6.35% 4% 0.020 0.020 6:1 VAR.

852.22

852.92

850.48

EX. EOI

EX. EOI

61+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-157

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830

-P1S3(EB)-
27+32.08

-L RT2-
62+50.04

NOISE WALL

EX. R/W

8:1 7.59:1 0.020 0.020 6:1 VAR. 2:1

850.29

850.29

EX. EOT

EX. EOT

848.55

62+50.00

890 880 870 860 850 840 830

NOISE WALL

EX. R/W

-P1S3(EB)-
26+82.08

-L RT2-
62+00.04

RETAINING WALL

2:1

8:1 7.76:1 0.020 0.020 6:1 VAR.

850.93

850.68

EX. EOT

EX. EOT

849.20

62+00.00

-4-

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-158

880 870 860 850 840 830

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

-P1S3EB1-
28+82.08

NOISE WALL

EX. R/W

8:1 8:1 0.020 6:1 VAR. 2:1

848.36

847.94

846.67

EX. EOT

EX. EOT

64+00.00

-P1S3EB1-
28+32.08

NOISE WALL

EX. R/W

8:1 8:1 0.020 6:1 VAR. 2:1

849.00

848.75

847.28

EX. EOT

EX. EOT

63+50.00

-P1S3EB1-
27+82.08

-L RT2-
63+00.05

NOISE WALL

EX. R/W

8:1 8:1 0.020 6:1 VAR. 2:1

849.64

849.54

847.91

EX. EOT

EX. EOT

63+00.00

-L-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-159

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830

-P1S3EB1-
29+82.08

NOISE WALL

EX. R/W

8:1 8:1 0.020 6:1 2:1

847.07

846.65

VAR

845.47

EX. EOT EX. EOT

65+00.00

PIS3EB1
29+32.08

NOISE WALL

EX. R/W

8:1 8:1 0.020 6:1 2:1

847.71

847.36

VAR

846.07

EX. EOT EX. EOT

64+50.00

-4-

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-160

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830 820

P1S1EB1
30+82.08

P1S5EB3
10+10.43

NOISE WALL

EX. R/W

RETAINING WALL

8:1 8:1 6:1 2:1

0.020

VAR.

845.78

845.44

844.16

EX. EOT EX. EOT

66+00.00

P1S3EB1
30+32.08

NOISE WALL

EX. R/W

RETAINING WALL

8:1 8:1 6:1 2:1

0.020

VAR.

846.42

846.21

844.85

EX. EOT EX. EOT

65+50.00

4

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Florance & Hutchesson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-161

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830 820

NOISE WALL

EX. R/W

PI S3EB1
31+82.08

PI S5EB3
11+10.44

Y4RPC
7+47.28

RETAINING WALL

EX. R/W

8:1 8:1 0.020 0.021 6:1 2:1

844.49
844.41

842.15

EX. EOT EX. EOT

67+00.00

NOISE WALL

EX. R/W

PI S3EB1
31+32.08

PI S5EB3
10+60.13

Y4RPC
6+97.24

RETAINING WALL

8:1 8:1 0.020 0.021 6:1 2:1

845.14
845.63

842.83

EX. EOT EX. EOT

66+50.00

—L—

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830 820

9/20/2011
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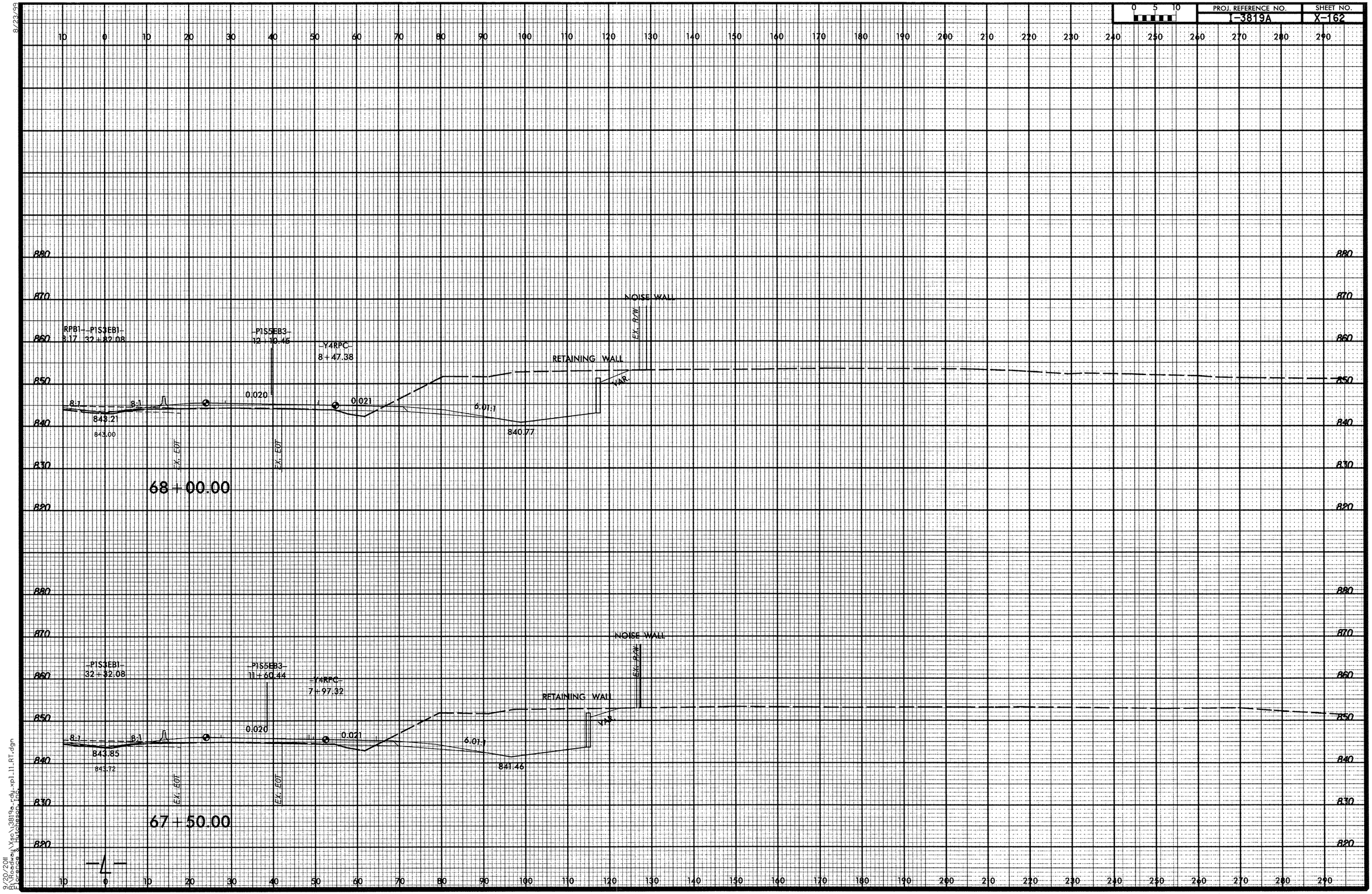
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-162



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Bentley Systems, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-163

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

880 870 860 850 840 830 820

RPB1 — P1S3EB1
124 33+82.08

P1S5EB3
13+10.25

Y4RPC
9+47.21

NOISE WALL

EX. R/W

RETAINING WALL

2:1

8:1 8:1

0.020 0.021

6.01:1

841.92

841.59

839.40

EX. EOT EX. EOT

69+00.00

RPB1 — P1S3EB1
120 33+82.08

P1S5EB3
12+60.35

Y4RPC
8+97.29

NOISE WALL

EX. R/W

RETAINING WALL

2:1

8:1 8:1

0.020 0.021

6.01:1

842.56

842.26

840.09

EX. EOT EX. EOT

68+50.00

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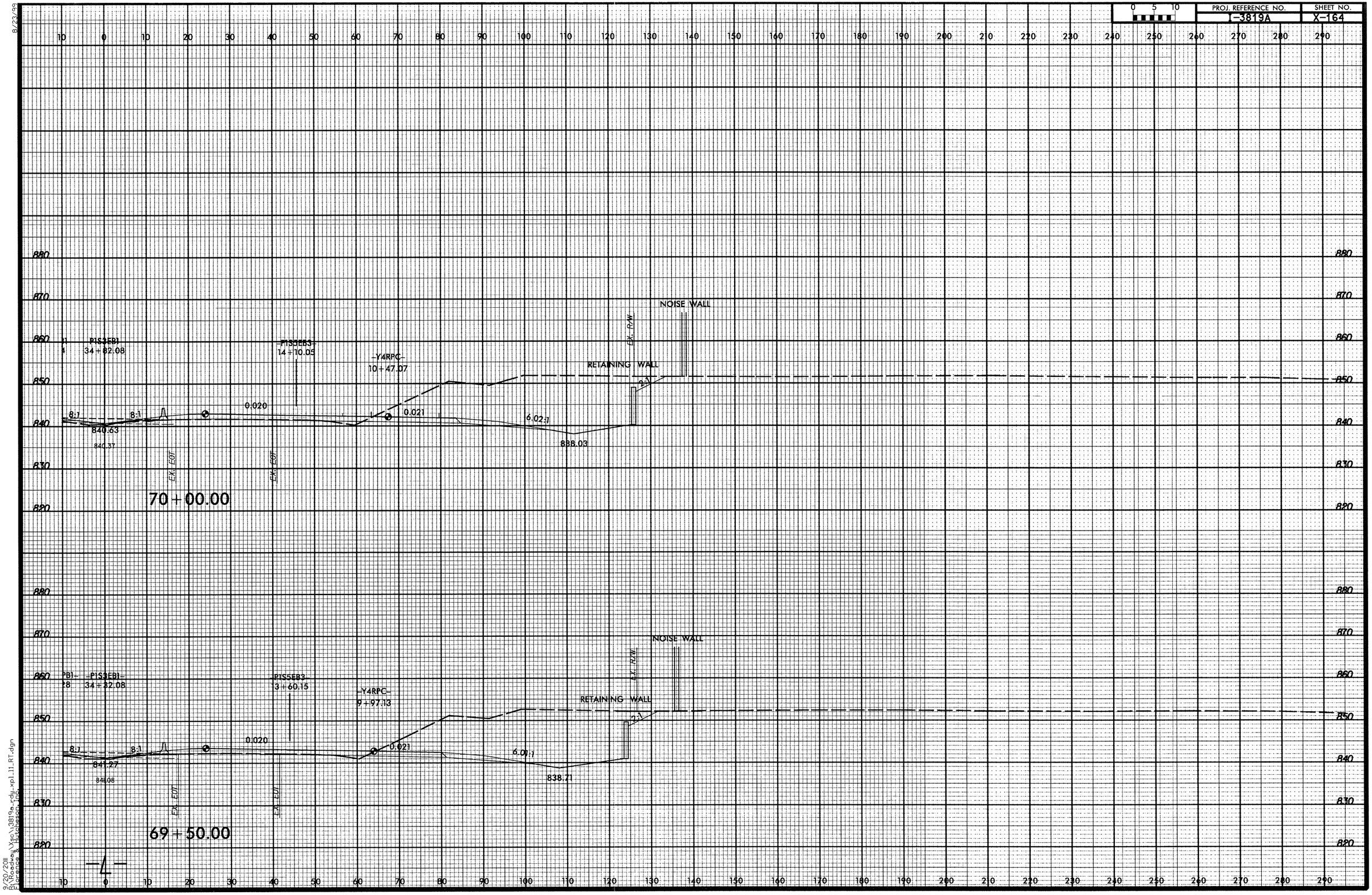
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-164



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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-165

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

870 860 850 840 830 820

NOISE WALL

EX. R/W

-P1S3EB1-
35+82.08

-P1S5EB3-
15+09.85

-Y4RPC-
11+46.96

RETAINING WALL

2:1

8:1 8:1

0.020

0.021

839.34

839.09

EX. EOT

EX. EOT

71+00.00

880 870 860 850 840 830 820

NOISE WALL

EX. R/W

-P1S3EB1-
35+32.08

-P1S5EB3-
14+59.95

-Y4RPC-
10+97.01

RETAINING WALL

2:1

8:1 8:1

0.020

0.021

6.02.7

839.99

839.55

837.34

EX. EOT

EX. EOT

70+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-166

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 870 860 850 840 830 820 870 860 850 840 830 820

P1S3EB1
37+82.07

P1S5EB3
16+59.54

Y4RPC
12+96.89

EX. R/W

NOISE WALL

RETAINING WALL

8:1 8:1 0.020 6:1 4:1 0.021

837.41 837.32 837.45

EX. EOT EX. EOT

72+50.00

P1S3EB1
36+82.07

P1S5EB3
6+09.64

Y4RPC
12+46.90

EX. R/W

NOISE WALL

RETAINING WALL

8:1 8:1 0.020 4:1 3:1 0.021

838.06 836.07 838.79

EX. EOT EX. EOT

72+00.00

P1S3EB1
36+32.08

P1S5EB3
15+59.74

Y4RPC
11+96.93

EX. R/W

NOISE WALL

RETAINING WALL

8:1 8:1 0.020 2:1 0.021

838.70 838.69

EX. EOT EX. EOT

71+50.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-167

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810

P1S3EB1
38+82.07
P1S5EB3
18+09.24
Y4RPC
14+46.86
NOISE WALL
RETAINING WALL
8:1
8:1
0.020
6:1
6.03:1
0.021
835.48
835.85
834.15
EX. EOT
EX. EOT
EX. ROW

74+00.00

P1S3EB1
38+82.07
P1S5EB3
17+59.34
Y4RPC
13+96.89
NOISE WALL
NOISE WALL
RETAINING WALL
2:1
8:1
8:1
0.020
6:1
6.03:1
0.021
836.13
836.38
835.24
EX. EOT
EX. EOT
EX. ROW

73+50.00

P1S3EB1
37+82.07
P1S5EB3
17+09.44
Y4RPC
13+46.89
NOISE WALL
EX. ROW
8:1
8:1
0.020
6:1
6.03:1
0.021
836.77
837.00
836.36
EX. EOT
EX. EOT

73+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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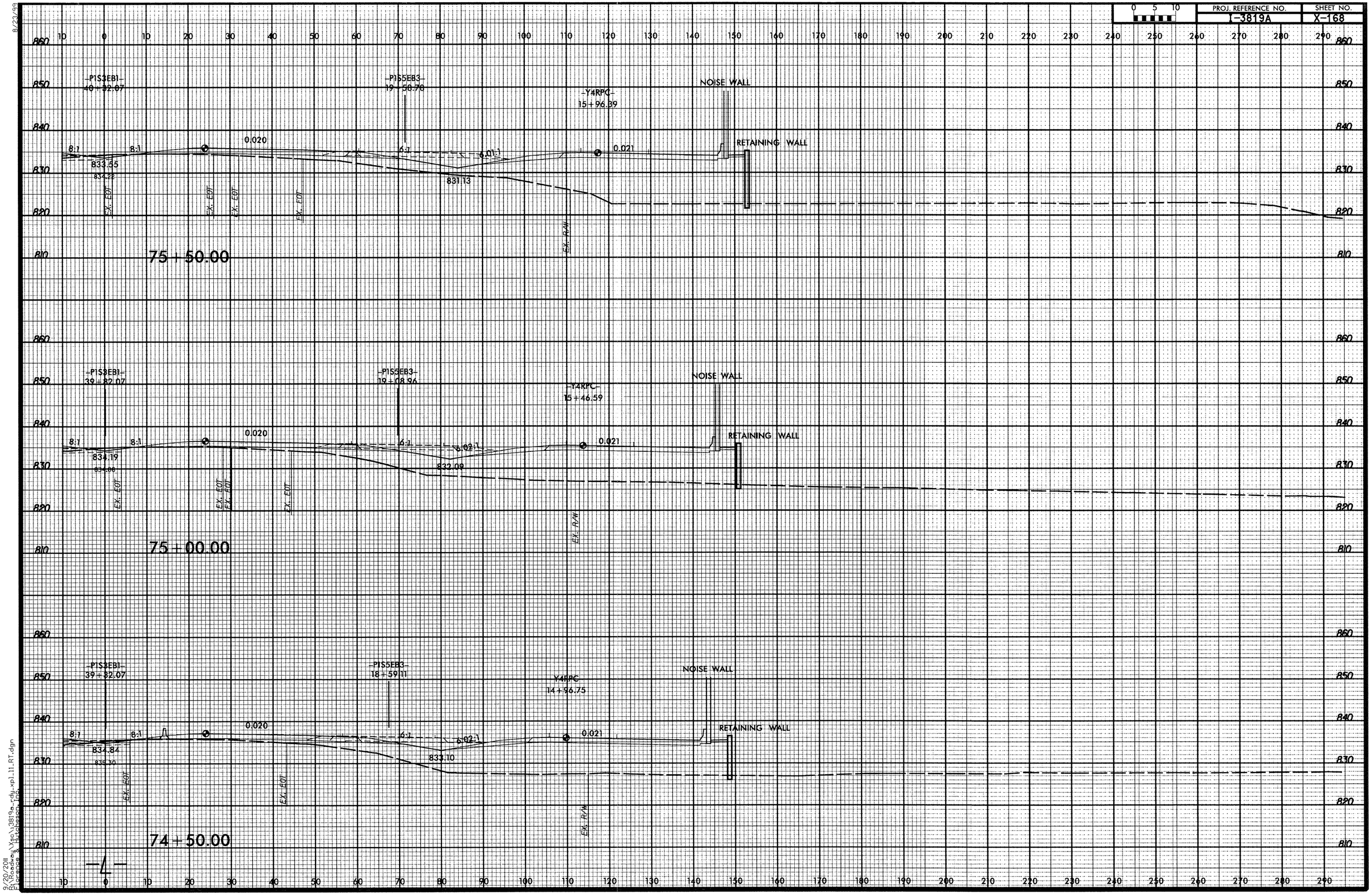
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-168



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Lorenzo S. Huddleston, USA

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-169

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810 800

76+50.00

-P1S3EB1-
41+32.07

-P1S5EB3-
20+58.98

-Y4RPC-
16+96.83

NOISE WALL

RETAINING WALL

8:1 8:1 6:1 6:1

0.020 0.021

832.26
835.11

829.20

EX. EOT EX. EOT EX. EOT EX. EOT EX. R/W

76+00.00

-P1S3EB1-
40+82.07

-P1S5EB3-
20+08.75

-Y4RPC-
16+46.38

NOISE WALL

RETAINING WALL

8:1 8:1 6:1 6:1

0.020 0.021

832.91
833.68

830.20

EX. EOT EX. EOT EX. EOT EX. EOT EX. R/W

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Florence & Hutcheson Inc.

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-170

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810 800

PIS5EB1
42+32.07

PIS5EB3
21+59.46

Y4RFC
17+97.70

IMPACT ATTENUATOR APPROACH PAVED SHOULDER

RETAINING WALL

8:1 8:1 6:1 6.0:1

0.020 0.022

831.23
831.82

827.24

EX. EOT EX. EOT EX. EOT EX. EOT EX. R/W

77+50.00

PIS5EB1
41+82.07

PIS5EB3
21+09.22

Y4RPC
17+47.25

NOISE WALL

RETAINING WALL

8:1 8:1 6:1 6.0:1

0.020 0.021

831.66
832.44

826.28

EX. EOT EX. EOT EX. EOT EX. EOT EX. R/W

77+00.00

-4-

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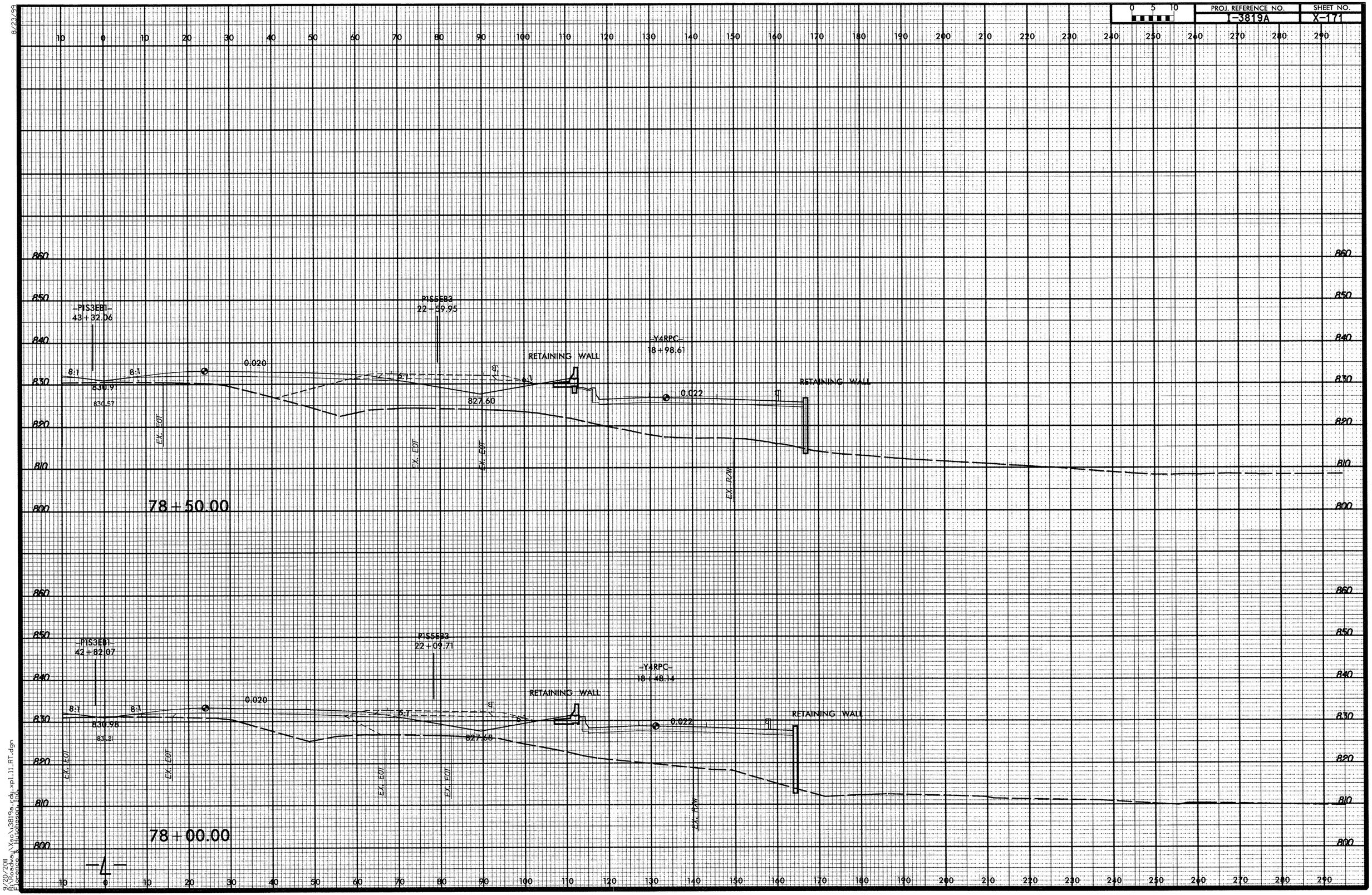
Florence & Hutchesson, Inc.



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9/20/2011
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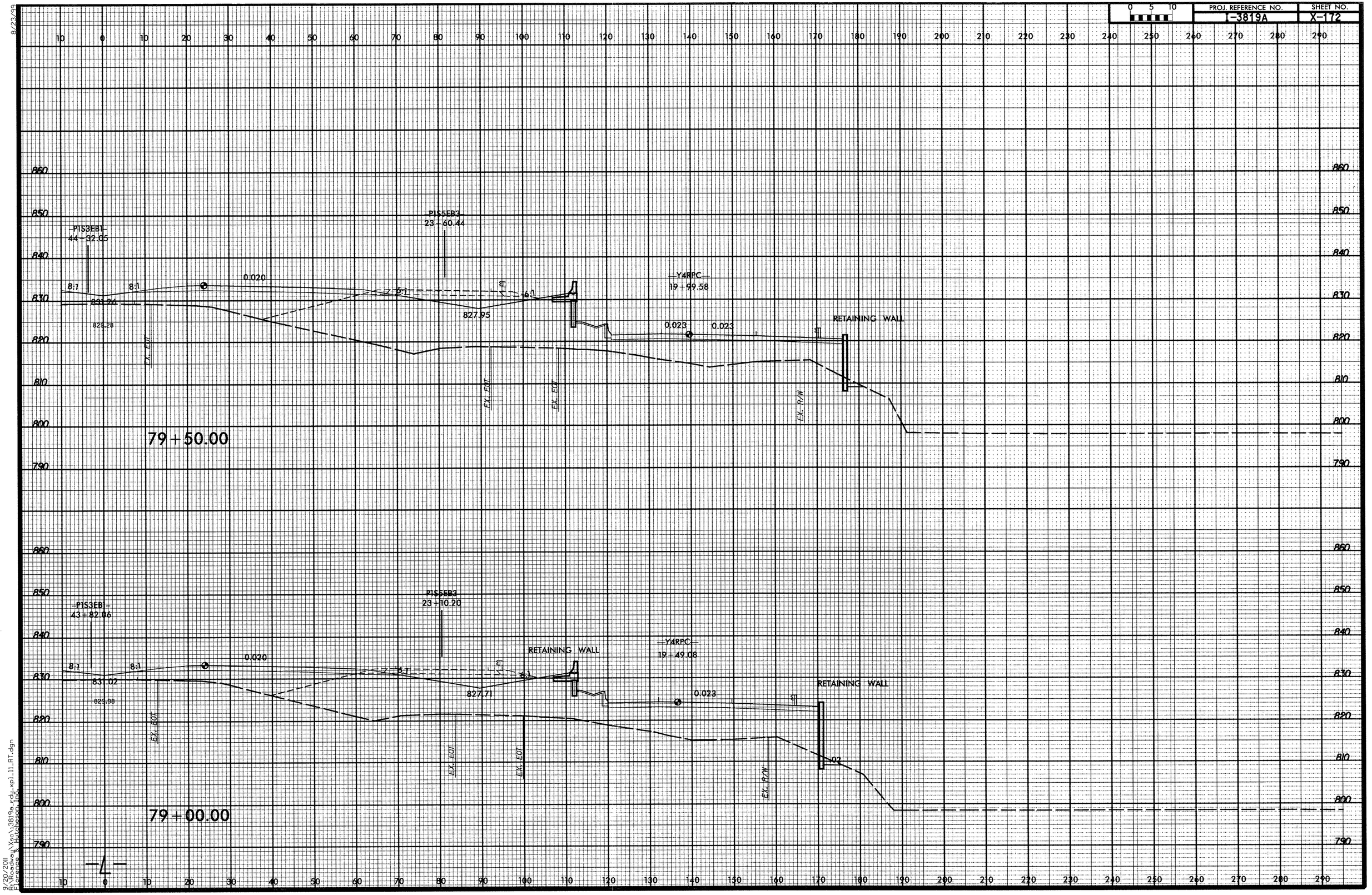
Florence & Hutcheson, Inc.



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Florence & Hutcheson, Inc.

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PROJ. REFERENCE NO. I-3819A

SHEET NO. X-173

0 5 10

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810 800 790

P1S3EB1
45+32.03

P1S5EB3
24+60.94

RETAINING WALL

8:1 8:1 0.020 6:1 2% 6:1

831.76

827.9

828.45

EX. EOT

EX. EOT

EX. EOT

Y4RPC
21+00.62

0.024 0.024

EX. R/W

2:1

80+50.00

P1S3EB1
44+82.04

P1S5EB3
24+10.69

RETAINING WALL

8:1 8:1 0.020 6:1 2% 6:1

831.51

828.64

828.20

EX. EOT

EX. EOT

EX. EOT

Y4RPC
20+50.09

0.024 0.024

RETAINING WALL

EX. R/W

80+00.00

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Florence & Hutcheson, PSC

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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-174

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810 800 790 780

P1S3EB1
46+32.00

P1S5EB3
25+61.45

8:1 8:1 0.020 2:1 2:1

832.37

829.00

RETAINING WALL

826.32

EX. EOT

Y4RPC
22+01.74

0.025 0.025

EX. ROW

2:1

EX. EOT

EX. EOT

81+50.00

P1S3EB1
45+82.02

P1S5EB3
25+11.19

8:1 8:1 0.020 2:1 2:1

827.14

828.70

RETAINING WALL

EX. EOT

Y4RPC
21+51.17

0.025 0.025

2:1

EX. EOT

EX. EOT

EX. R/W

81+00.00

4

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FL\Roadway \\Xsec\I3819a_rdy_xpl_11_RT.dgn
Jacobs & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-175

P1S5EB3
26+61.95

RETAINING WALL

8:1 8:1 0.020 6:1 6:1 6:1

832.95

839.32

824.40

EX. EOT

Y4RPC
23+02.95

3:1 0.025 0.025 3:1

EX. EOT EX. EOT EX. R/W

82+50.00

P1S3EB1
16+81.99

P1S5EB3
26+11.70

RETAINING WALL

8:1 8:1 0.020 6:1 6:1 6:1

832.72

829.20

825.36

EX. EOT

Y4RPC
22+52.33

3:1 0.025 0.025 3:1

EX. EOT EX. EOT EX. R/W

82+00.00

—4—

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Florence & Hutchinson Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-176

P1S5EB3
27+12.21

RETAINING WALL

0.020

8:1 8:1

833.02

6:1

829.28

823.39

EX. EOT

4:1

Y4RPC
29+53.59

0.025 0.025

EX. EOT

EX. EOT

EX. R/W

8:1

83+00.00

4

9/20/2011
R:\Roadway\Xsc\13819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-177

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860 850 840 830 820 810 800 790 780 770

—PISSEBS—
Z// + 62.46

RETAINING WALL

8:1 8:1

0.020

832.93

829.09

822.32

EX. EOT

Y4RPC
24 + 04.25

4:1

0.024

0.024

9.9:1

EX. R/W

EX. EOT

EX. EOT

83 + 50.00

—4—

9/20/2011
R:\Roadway\Xsec\I3819a_rdy_xp1_11_RT.dgn
Florence & Hutchinson Inc.

8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-178

0 5 10

RETAINING WALL

P1S5EB3
28+12.54

Y4RPC
24+54.58

0.020

0.001

0.023

832.64

829.21

82.46

6:1

EX. EOT

EX. ROW

84+00.00

9/20/2011
E:\Projects\Xse\3819a_rdu_xpl11_RT.dgn
Florence & Hutchinson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-179

P1S5FB8
28+62.54

RETAINING WALL

0.020

832.11

828.81

6:1

6:1

EX. EOT

819.97

Y4RPC
25+04.76

0.08

0.022

EX. R/W

EX. EOT

EX. EOT

84+50.00

-4-

9/20/2011
P:\Roadway\Xsc\\3819a_rdy_xpl_11_RT.dgn
Florence & Hutchinson Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-180

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

860
850
840
830
820
810
800
790
780
770

-LCDEB-
38+50.44

-P1SSEB3
29+12.54

0.020 0.020 0.020

818.66

EX. EOT

EX. EOT

EX. EOT

85+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

9/20/2011
P:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florance & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-181

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

850 840 830 820 810 800 790 780 770

PISSEB3
30+12.54

LCDEB
39+50.44

0.020 0.020 0.020

795.94

EX. EOT

86+00.00

Y4RPD
24+12.70

0.018 0.018

EX. R/W

EX. EOT

EX. EOT

860 850 840 830 820 810 800 790 780

PISSEB3
29+62.54

LCDEB
39+00.44

0.020 0.020 0.020

803.55

85+50.00

EX. R/W

4

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R:\Roadway\Xsc\I3819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson IDOT

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-182

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

850 840 830 820 810 800 790 780 770

P1S5EB3
31+12.54

LCDEB
40+50.44

RETAINING WALL

0.020 0.020 0.020

814.18

EX. EOT

EX. EOT

EX. EOT

Y4RPD
23+12.65

0.006

EX. R/W

87+00.00

P1S5EB3
30+62.54

LCDEB
40+00.44

0.020 0.020 0.020

801.66

EX. EOT

SHEAR POINT # 155

Y4RPD
23+62.67

0.020 0.009

EX. EOT

EX. EOT

EX. R/W

86+50.00

-4-

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R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
Florence & Hutchinson Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-183

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

890 880 870 860 850 840 830 820 810 800 790 780 770

-P1S5EB3-
31+62.54

LCDEB
41+00.44

0.020 0.020

RETAINING WALL

2:1

-Y4RPD-
22+62.63

0.025 0.025

2.16:1

812.93

EX. EOT

EX. EOT

EX. EOT

EX. R/W

87+50.00

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-184

88+26.79

88+00.00

PIS5EB3
32+12.64

LCDEB
41+50.44

Y48PD
22+12.63

0.020

0.020

0.030

0.029

2:1

2:1

2:1

81.78

EX. EOT

EX. EOT

EX. EOT

EX. RW

820 810 800 790 780 770

850 840 830 820 810 800 790 780 770

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutcheson Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-185

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

850 840 830 820 810 800 790 780 770

88+91.62

88+50.00

—L—

LCDEB
42+00.44

P1S5FB3
32+62.54

Y4RPD
21+62.62

0.020

0.020

0.029

0.028

810.6'

EX. EOT

EX. EOT

EX. EOT

EX. R/W

2.2-7

2.16-7

P1

P2

P3

P4

P5

9/20/2011
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Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-186

P3STWB3
10+40.62

P1S5EB3
33+62.54

LCDEB
43+00.44

0.020

0.020

Y4RPD
20+62.51

2.9:1

0.028

0.027

2.16:1

806.30

EX. EOT

EX. EOT

EX. EOT

EX. R/W

89+50.00

P1S5EB3
33+12.54

LCDEB
42+50.44

0.020

0.020

Y4RPD
21+12.59

2.3:1

0.029

0.027

2.16:1

805.46

EX. EOT

EX. EOT

EX. EOT

EX. R/W

89+00.00

9/20/2011
R:\Roadway\Xsec\I3819a_rdy_xpl_11_RT.dgn
Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-187

P3S1WB3
10+90.62

P1S5EB3
34+12.54

1CDEB
43+50.44

Y4RPD
20+12.36

0.020

0.020

0.013

0.014

3.18:1

2.76:1

807.20

EX. EOT

EX. EOT

EX. EOT

EX. R/W

90+00.00

89+89.38

9/20/2011
E:\Roadway\Xsec\3819a_rdy_xpl11_RT.dgn
Florence & Hutcheson Inc.

8/23/99

PROJ. REFERENCE NO. Y-3819A | SHEET NO. X-188

0 5 10

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

840 830 820 810 800 790 780 770 760

P3S1WB3
11+40.68

LCDEB
44+00.44

P1S5EB3
34+62.54

Y4RPD
19+62.13

0.020 0.020

3.9:1

0.002 0.001

2.09:1

805.96

EX. EOI

EX. EOI

EX. R/W

90+50.00

90+23.88

3/20/201
R:\Roadway\Xsc\13819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, LOS

8/23/99

PROJ. REFERENCE NO. I-3819A

SHEET NO. X-189

P3S1WB3
12+40.63

LCDEB
45+00.44

P1S5EB3
35+62.54

Y4RPD
18+61.51

0.020 0.020 0.020 0.020 0.020

2.03:1

798.32

EX. EOT

EX. RDW

91+50.00

P3S1WBB
11+90.63

LCDEB
44+50.44

P1S5EB3
35+12.54

Y4RPD
19+11.82

0.020 0.020 0.020 0.017

4.43:1

2.05:1

EX. EOT

EX. RDW

91+00.00

9/20/2011
D:\Roadway\Xsc\13819a_rdy_xpl_11_RT.dgn
Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	Y-3819A	X-190

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

830 820 810 800 790 780 770 760 750

P3S1YY09
13+40.64

0.020 0.020

LCDEB
46+00.44

0.020

P1S5EB3
36+62.54

Y4RPD
17+60.89

0.019

(84.56

EX. EOT

EX. R/W

92+50.00

P3S1WB3
12+90.64

0.020 0.020

LCDEB
46+50.44

0.020

P1S5EB3
36+12.54

Y4RPD
18+11.20

0.019

778.24

EX. EOT

EX. R/W

92+00.00

—L—

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-191

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

830 820 810 800 790 780 770

P3S1WB3
14+40.65

0.020 0.020 0.020

LCDEB
47+00.44

P1S5EB3
37+62.54

P1S5Y4RPD2
24+49.28
Y4RPD
16+60.27

0.017

799.0

EX. EOT

EX. R/W

93+50.00

P3S1WB3
3+90.64

LCDEB
46+50.44

P1S5EB3
37+12.54

Y4RPD
17+10.58

0.020 0.020 0.020

0.018

800.37

EX. EOT

EX. R/W

93+00.00

9/20/2011
C:\Treadwell\Xpc\3819a_rdy_xpl_11_RT.dgn
Lisa Hutchesson

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-192

P3S1WB3
15+40.65

P1S5EB3
38+62.54

P1S5Y4RPD2
23+48.76

P1S4Y4RPD1
21+73.86

8:1
0.020
799.44
796.90
EX. EOT
795.80
EX. R/W
6:1
0.018
2:1

94+50.00

P3S1WB3
14+90.65

P1S5EB3
38+12.54

P1S5Y4RPD2
23+99.00

P1S4Y4RPD1
21+74.26

0.020
800.85
798.08
EX. EOT
796.67
EX. R/W
6:1
0.018
2:1

94+00.00

9/20/2011
R:\Roadway\Xsec\3819a_rdy_xpl_11_RT.dgn
Lorange & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-193

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

820 810 800 790 780 770

P3S1WB3
16+40.46

P1S5EB3
39+62.54

P1S5Y4RPD2
22+48.41

P1S4Y4RPD1
20+72.50

8:1 8:1 0.020 6:1 6:1 0.018 3:1

797.00 794.64 794.53 EX. EOT EX. R/W

95+50.00

830 820 810 800 790 780 770

P3S1WB3
15+90.66

P1S5EB3
39+12.54

P1S5Y4RPD2
22+98.57

P1S4Y4RPD1
20+73.62
15+89.33

0.020 6:1 6:1 0.018 2:1

798.13 795.79 795.43 EX. EOT EX. R/W

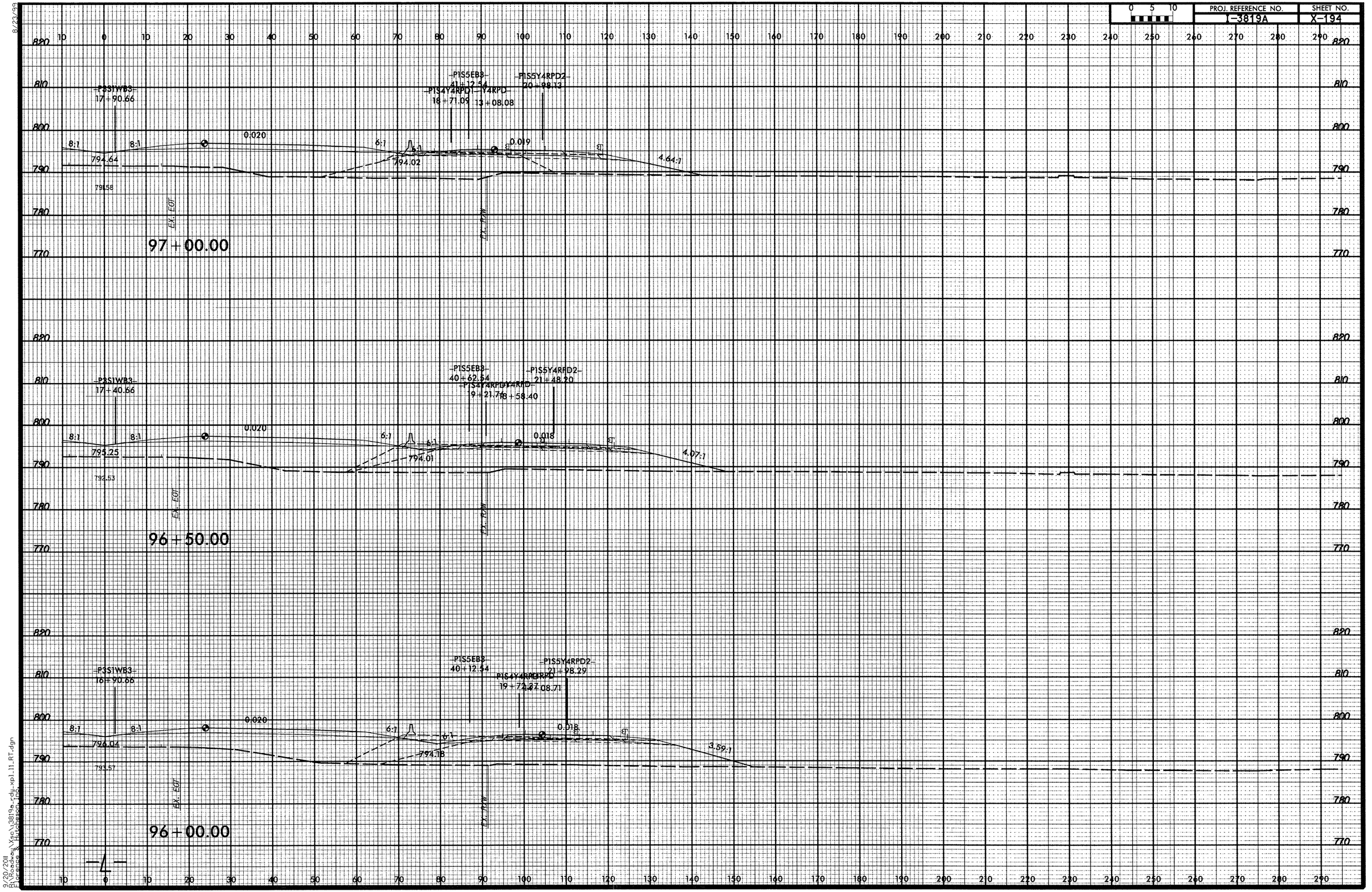
95+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

9/20/2011 P:\Roadway\Xsc\3819a_rdy_xpl_11_RT.dgn
Florence & Hutchinson Inc.

8/23/22

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-194



9/20/2011
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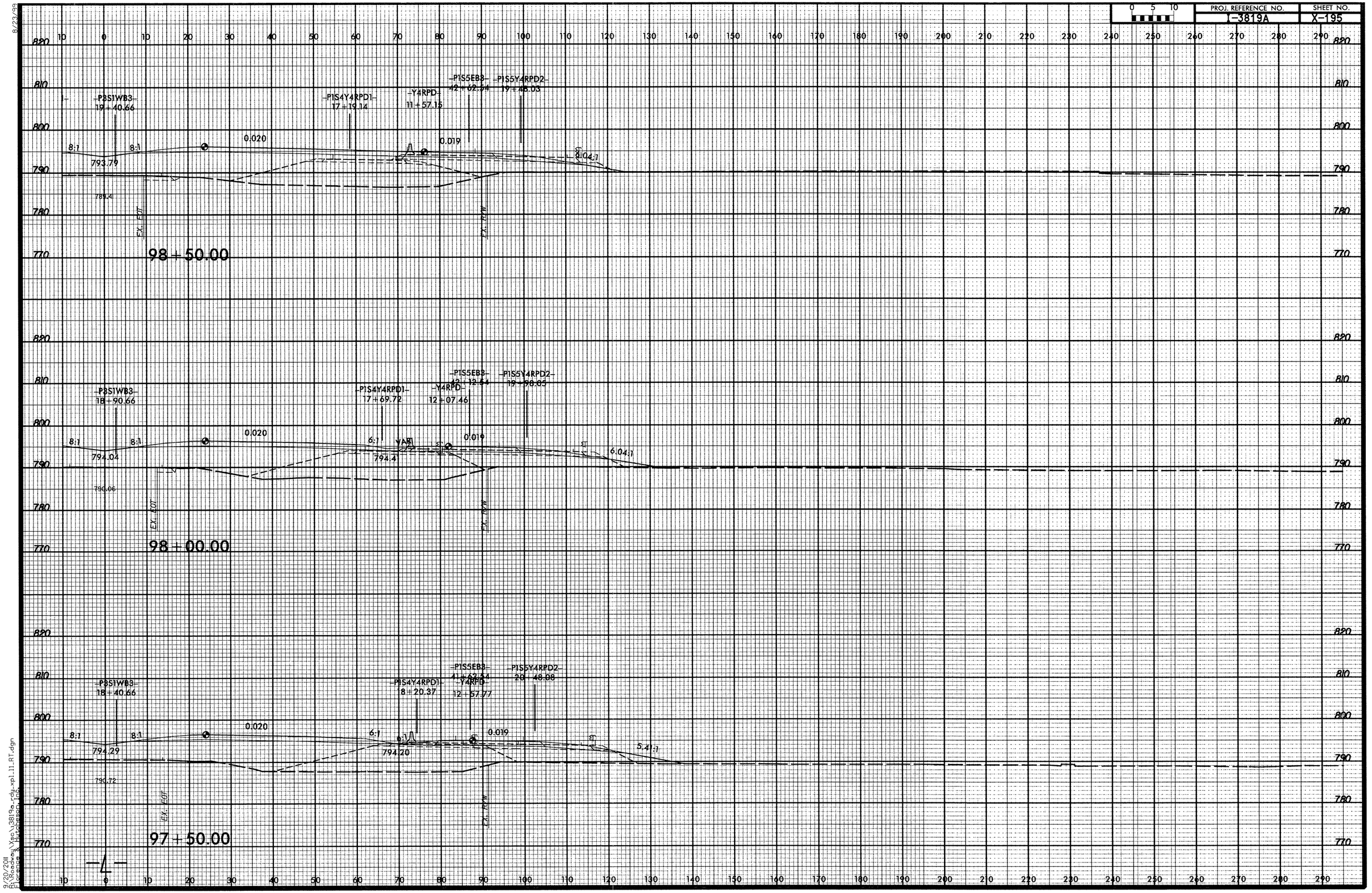
Florence & Hutcheson, Inc.

8/23/99

0 5 10

PROJ. REFERENCE NO.	SHEET NO.
I-3819A	X-195



-4-

9/20/2011
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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-196

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

820 810 800 790 780 770

RPA1 .49 | P3S1WB3 20+40.66 | P1S4Y4RPD 16+18.22 | Y4RPD 10+56.55 | P1S5EB3 43+62.54 | P1S5Y4RPD2 18+48.02

8:1 8:1 0.020 0.020 4.03:1

793.29

788.40

EX. EOP

99+50.00

EX. R/W

820 810 800 790 780 770

A1 4 | P3S1WB3 19+90.66 | P1S4Y4RPD1 16+68.64 | Y4RPD 11+06.84 | P1S5EB3 43+12.54 | P1S5Y4RPD2 18+98.02

8:1 8:1 0.020 0.019 6.04:1

793.54

788.86

EX. EOP

EX. R/W

99+00.00

4

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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Florence & Hutcheson, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-197

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

820 810 800 790 780 770 760

P3S1WB3
21+40.66

P1S4Y4RPD1
15+17.55

Y4RPD
9+56.12

P1S5EB3
44+62.54

8:1 8:1 792.78 0.020 0.046 6.02:1

767.87

EX. EOP

EX. ROW

100+50.00

Y4RPA1 P3S1WB3
61.45 20+90.66

P1S4Y4RPD1
15+67.85

Y4RPD
10+06.30

P1S5EB3
44+12.54

8:1 8:1 793.08 0.020 0.033 6.03:1

788.08

EX. EOP

EX. ROW

100+00.00

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

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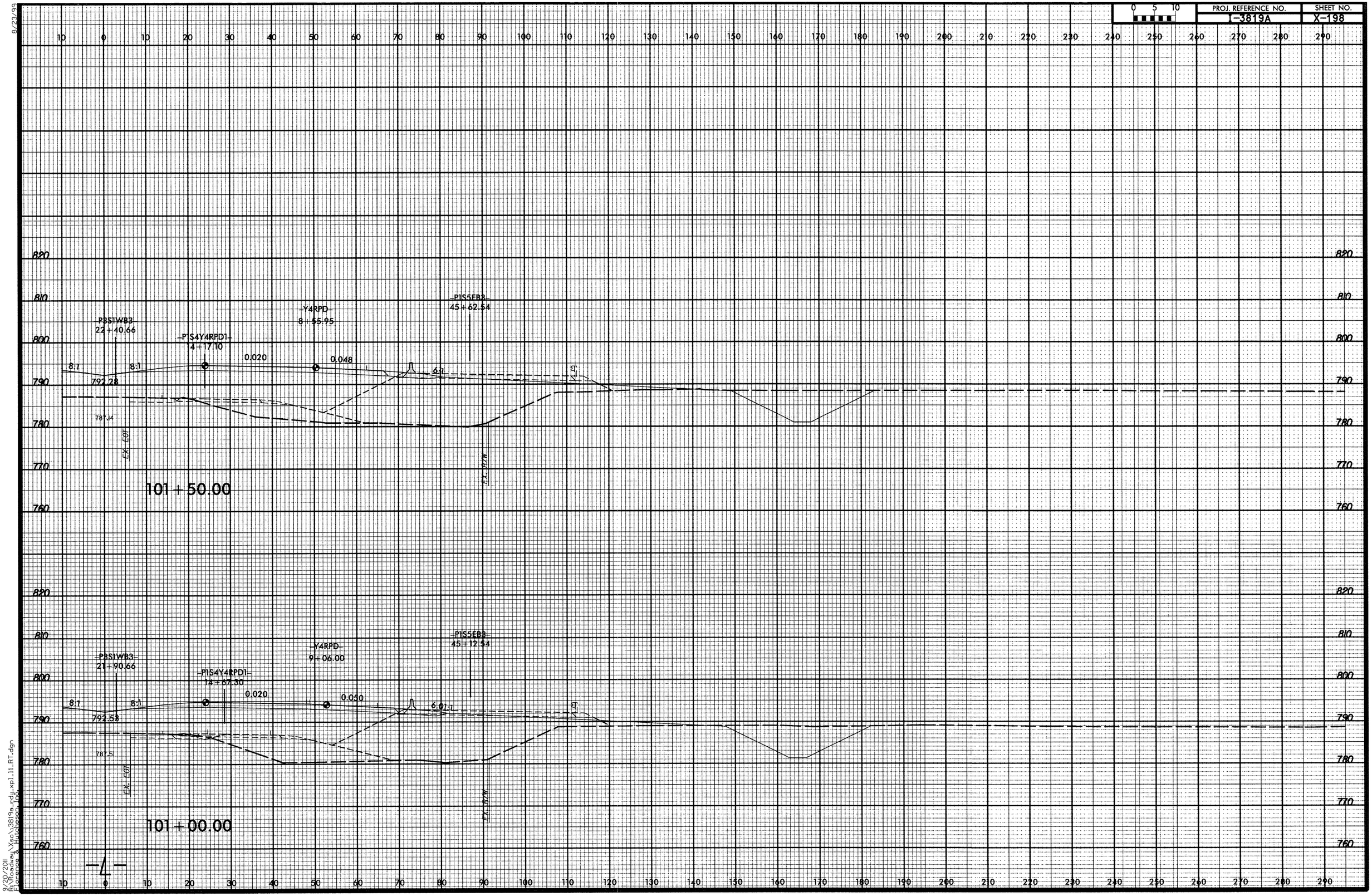
Florence & Hutchason, Inc.

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	1-3819A	X-198



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Lorenzo.Hutchinson

8/23/99

0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-3819A	X-199

10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290

820 810 800 790 780 770 760

P3S1WB3
23+40.66

P1S4Y4RPD1
13+16.82

Y4RPD
7+55.92

P1S5EB3
46+62.54

8:1 8:1 6:1

0.020 0.023

791.72

786.64

EX. EOT

EX. ROW

102+50.00

P3S1WB3
22+90.66

P1S4Y4RPD1
13+66.94

Y4RPD
8+05.93

P1S5EB3
46+12.54

0.020 0.036

792.08

786.80

EX. EOT

EX. ROW

102+00.00

—L—

9/20/2011
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Florence & Hutcheson, Inc.