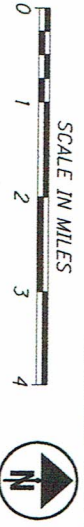


**LOCATION MAP**  
 POR-76-16.58 LATITUDE: 41°06'21" N LONGITUDE: 81°05'22" W  
 POR-76-21.18 LATITUDE: 41°05'59" N LONGITUDE: 81°00'09" W



**PORTION TO BE IMPROVED**  
 INTERSTATE HIGHWAY \_\_\_\_\_  
 FEDERAL ROUTES \_\_\_\_\_  
 STATE ROUTES \_\_\_\_\_  
 COUNTY & TOWNSHIP ROADS \_\_\_\_\_  
 OTHER ROADS \_\_\_\_\_

**DESIGN DESIGNATION**  
 CURRENT ADT (2022) \_\_\_\_\_ I.R. 76 (JOHN THOMAS RD.) (MILTON-NEWTON RD.)  
 DESIGN YEAR ADT (2042) \_\_\_\_\_ C.R. 137  
 DESIGN HOURLY VOLUME (2042) \_\_\_\_\_ 460 780  
 DIRECTIONAL DISTRIBUTION \_\_\_\_\_ 55 990  
 TRUCKS (24 HOUR B&C) \_\_\_\_\_ 60% 60%  
 DESIGN SPEED \_\_\_\_\_ 3% 3%  
 LEGAL SPEED \_\_\_\_\_ 75 60  
 DESIGN FUNCTIONAL CLASSIFICATION: \_\_\_\_\_  
 RURAL INTERSTATE \_\_\_\_\_ RURAL LOCAL  
 NHS PROJECT \_\_\_\_\_ YES NO

**DESIGN EXCEPTIONS**  
 DESIGN FEATURE: \_\_\_\_\_ APPROVAL DATES: \_\_\_\_\_  
 LANE WIDTH \_\_\_\_\_ SHEET NUMBERS: 4, 5, 6, 7  
 VERTICAL ALIGNMENT \_\_\_\_\_ 43, 44

STATE OF OHIO  
 DEPARTMENT OF TRANSPORTATION  
**POR-76-(16.58)(21.18)**  
 PALMYRA AND MILTON TOWNSHIPS  
 PORTAGE AND MAHONING COUNTIES

*Highlighted*

**INDEX OF SHEETS:**

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	POR-76-1658
	POR-76-2118

**STANDARD CONSTRUCTION DRAWINGS**

BP-3.1	1-17-20	MCS-5.3	7-15-16	TC-41.20	10-18-13	A-1-69	7-19-02	800	
BP-4.1	7-19-13	MCS-6.1	1-19-18	TC-41.40	10-18-13	AS-1-15	7-17-15	832	7-16-21
BP-5.1	1-18-19		TC-42.20	10-18-13	AS-2-15				10-19-18
F-2.1	7-20-18	RM-4.2	7-18-14	TC-52.10	10-18-13				
F-3.1	7-19-13	RM-4.4	7-19-19	TC-52.20	7-20-18	BR-1-13	01-17-14		
F-3.3	7-19-13	RM-4.5	7-19-19	TC-61.30	7-19-19				
F-3.4	7-19-13	RM-4.6	7-19-13	MT-95.30	7-19-19	EXL-4-87	1-19-18		
MGS-1.1	1-19-18	DM-1.1	7-21-17	MT-95.40	1-17-20	GSD-1-19	1-18-19		
MGS-2.1	1-19-18	DM-4.1	7-20-18	MT-101.60	1-17-20	SICD-1-96	7-18-14		
MGS-3.1	1-19-18	DM-4.3	1-15-16	MT-101.70	1-17-20				
MGS-4.1	1-20-17	DM-4.4	1-15-16	MT-101.75	1-17-20	VPP-1-90	7-20-18		
MGS-4.2	7-19-13		MT-102.20	4-19-19					
MGS-4.3	1-18-13		MT-105.10	1-17-20					

**SUPPLEMENTAL SPECIFICATIONS**

7-16-21  
10-19-18

**SPECIAL PROVISIONS**

NONE

**PROJECT DESCRIPTION**  
 WORK INCLUDES REHABILITATION OF TWO (2) OVERHEAD BRIDGES (POR-76-16.58, SFN 6702880 AND POR-76-21.18, SFN 6703216), APPROACH ROADWAY, FULL DEPTH PAVEMENT, GUARDRAIL REPLACEMENT, ROADSIDE GRADING, TRAFFIC CONTROL, AND DRAINAGE.

**POR-76-16.58**  
 PROJECT EARTH DISTURBED AREA: 0.84 ACRES  
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125 ACRES  
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A

**POR-76-21.18**  
 PROJECT EARTH DISTURBED AREA: 0.60 ACRES  
 ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125 ACRES  
 NOTICE OF INTENT EARTH DISTURBED AREA: N/A

**LIMITED ACCESS**

THIS IMPROVEMENT IS ESPECIALLY DESIGNED FOR THROUGH TRAFFIC AND HAS BEEN DECLARED A LIMITED ACCESS HIGHWAY OR FREEWAY BY ACTION OF THE DIRECTOR IN ACCORDANCE WITH THE PROVISIONS OF SECTION 5511.02 OF THE OHIO REVISED CODE.

**2019 SPECIFICATIONS**

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY EXCEPT FOR THE SIDE ROADS AS DESCRIBED ON SHEETS 15 AND 16, AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

**STAGE 3 PLANS NOT FOR CONSTRUCTION**  
 THESE DRAWINGS ARE FOR REVIEW AND COMMENTS ONLY  
 6/17/2020

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 DISTRICT DEPUTY DIRECTOR

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_  
 DIRECTOR, DEPARTMENT OF TRANSPORTATION

1	POR-76-(16.58)(21.18)	RAILROAD INVOLVEMENT	NONE	CONSTRUCTION PROJECT NO.		PID NO.	102858	FEDERAL PROJECT NO.	E171 (411)
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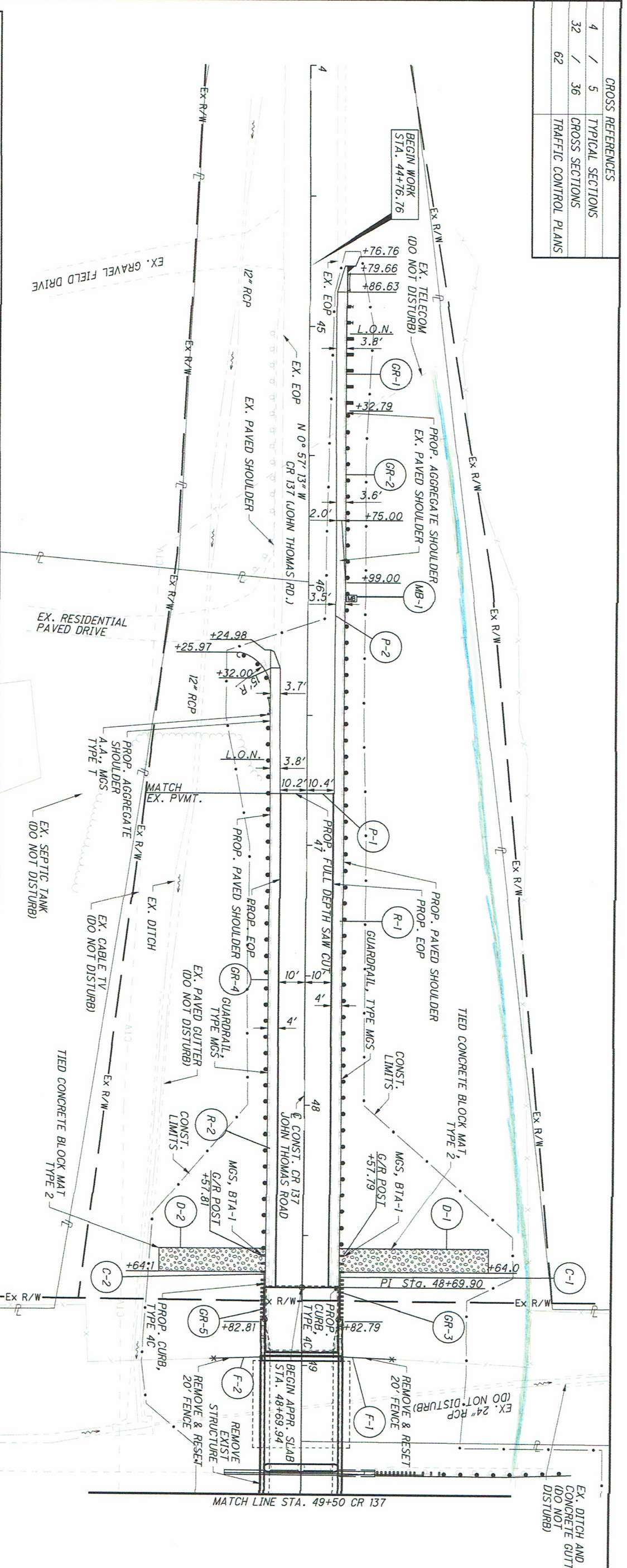
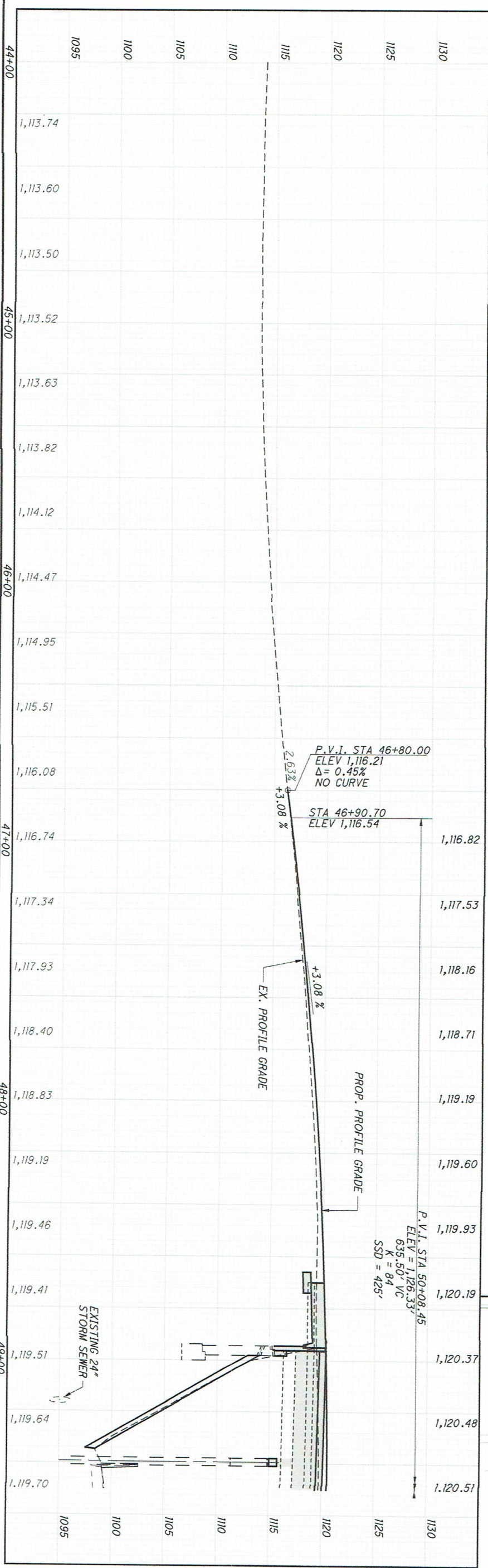
**UNDERGROUND UTILITIES**  
 Contact Two Working Days Before You Dig

**OHIO811.org**  
 Before You Dig

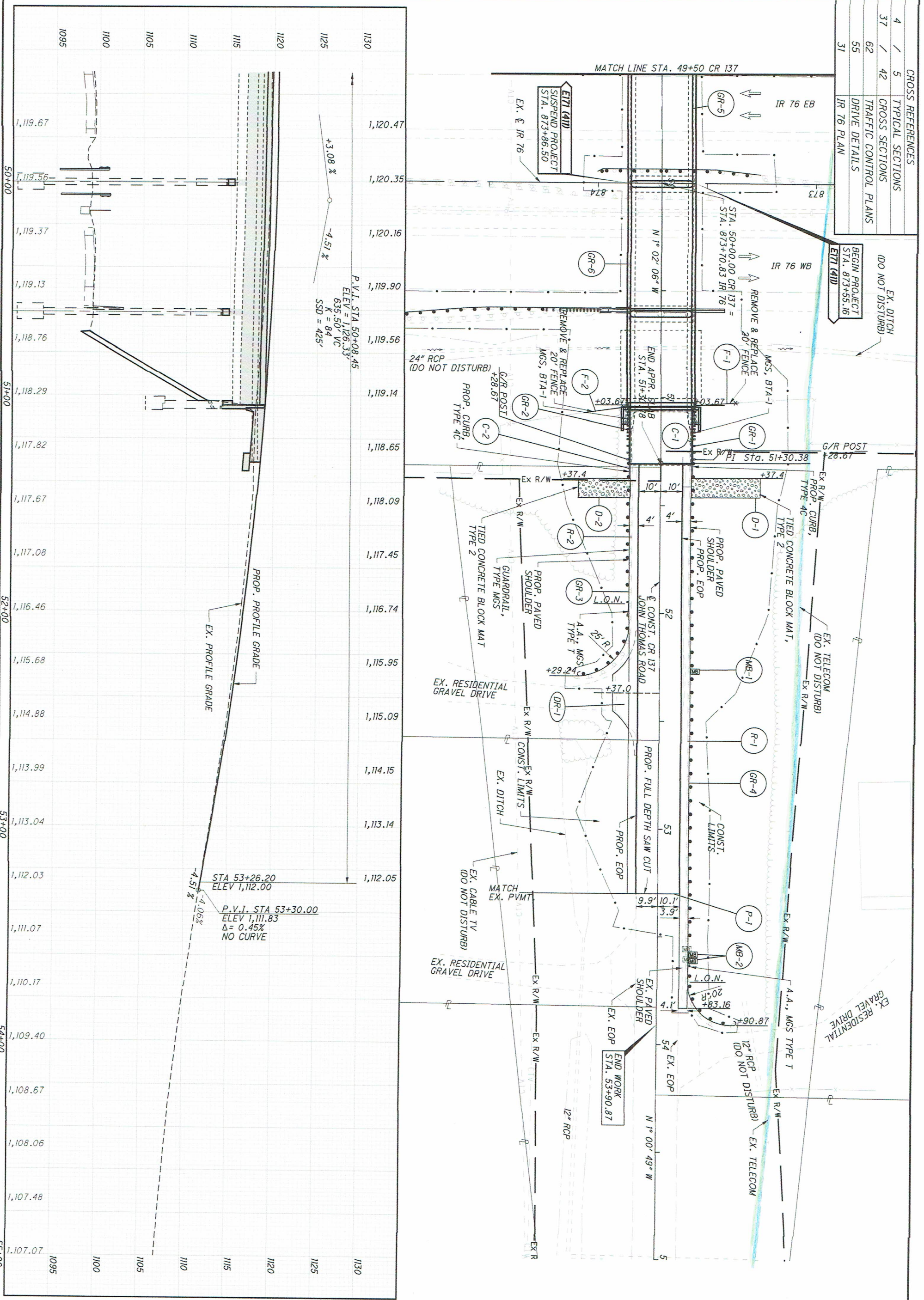
OHIO811, 8-1-1, or 1-800-362-2764  
 (Non-members must be called directly)

PLAN PREPARED BY:  
 939 W. ST. CLAIR AVE., CLEVELAND, OHIO 44113  
 P(216) 400 6230 F(216) 400 6238 www.jm.com

CROSS REFERENCES	
4 / 5	TYPICAL SECTIONS
32 / 36	CROSS SECTIONS
62	TRAFFIC CONTROL PLANS

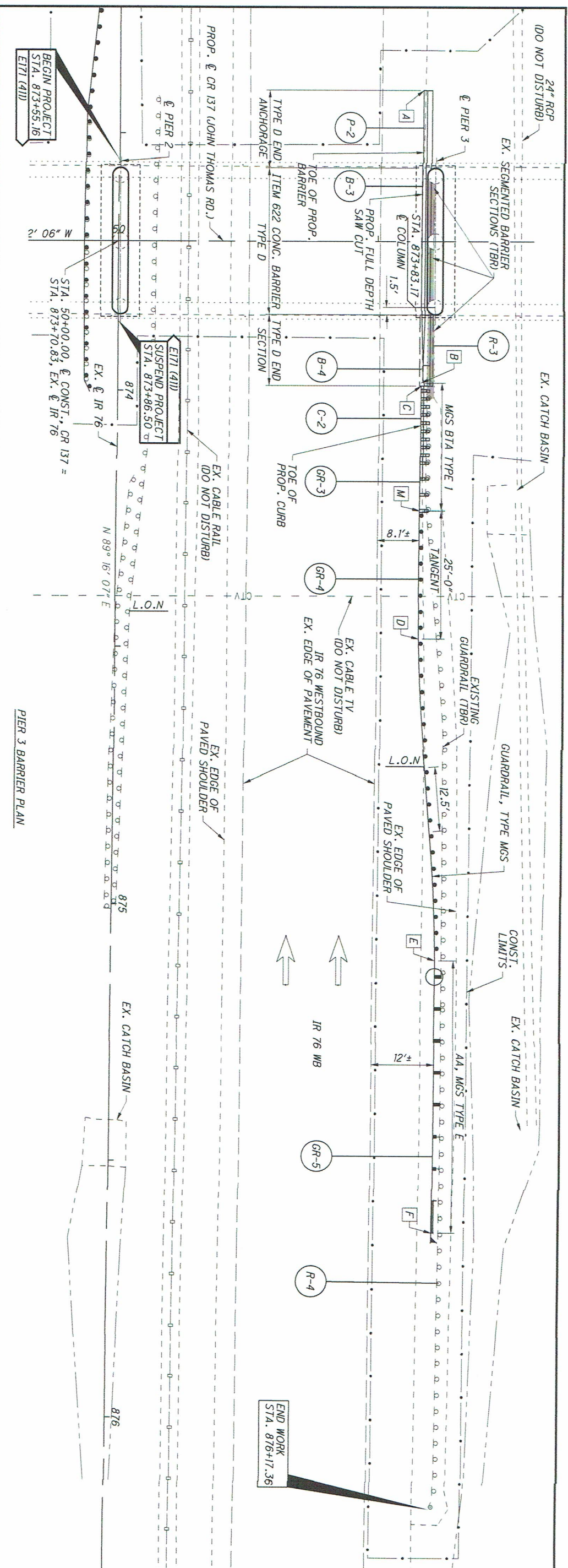


CROSS REFERENCES	
4	5 TYPICAL SECTIONS
37	42 CROSS SECTIONS
62	TRAFFIC CONTROL PLANS
55	DRIVE DETAILS
31	IR 76 PLAN



	CALCULATED JC	0 20 40 HORIZONTAL SCALE IN FEET
	CHECKED RJM	
	PLAN AND PROFILE - CR 137 (JOHN THOMAS RD.) STA. 49+50.00 TO END WORK	

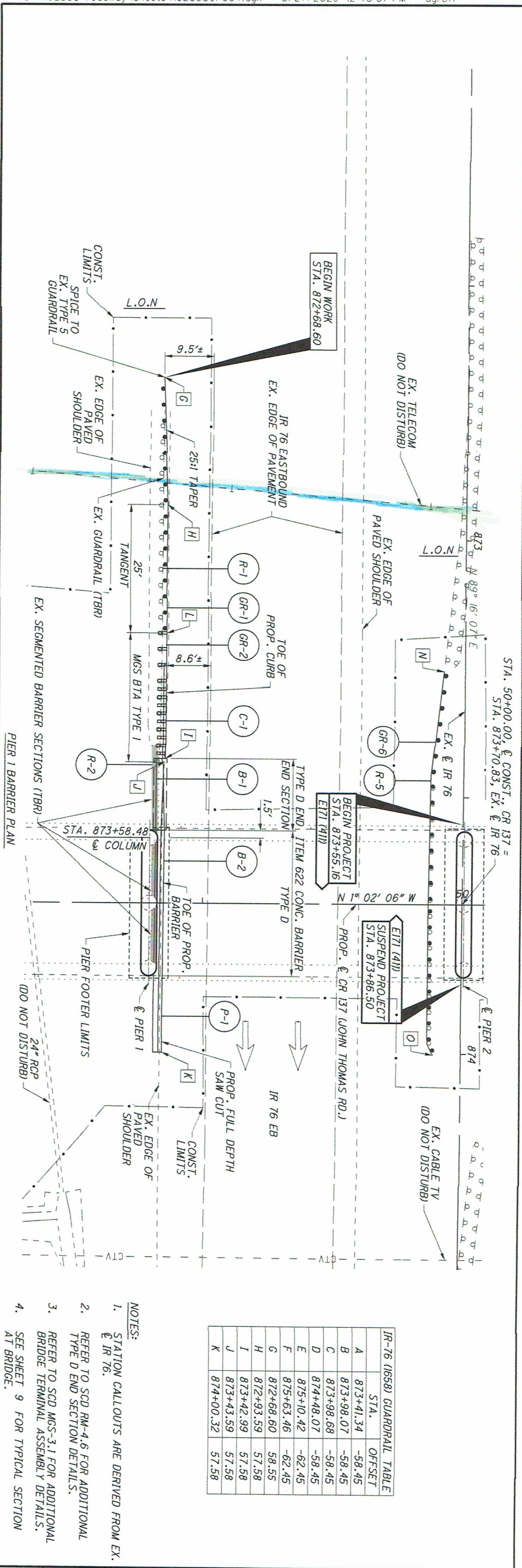
POR-76-(16.58)(21.18)



BEGIN PROJECT STA. 873+55.16  
E171 (411)

SUSPEND PROJECT STA. 873+86.50  
E171 (411)

END WORK STA. 876+17.36



BEGIN WORK STA. 872+68.60

BEGIN PROJECT STA. 873+55.16  
E171 (411)

SUSPEND PROJECT STA. 873+86.50  
E171 (411)

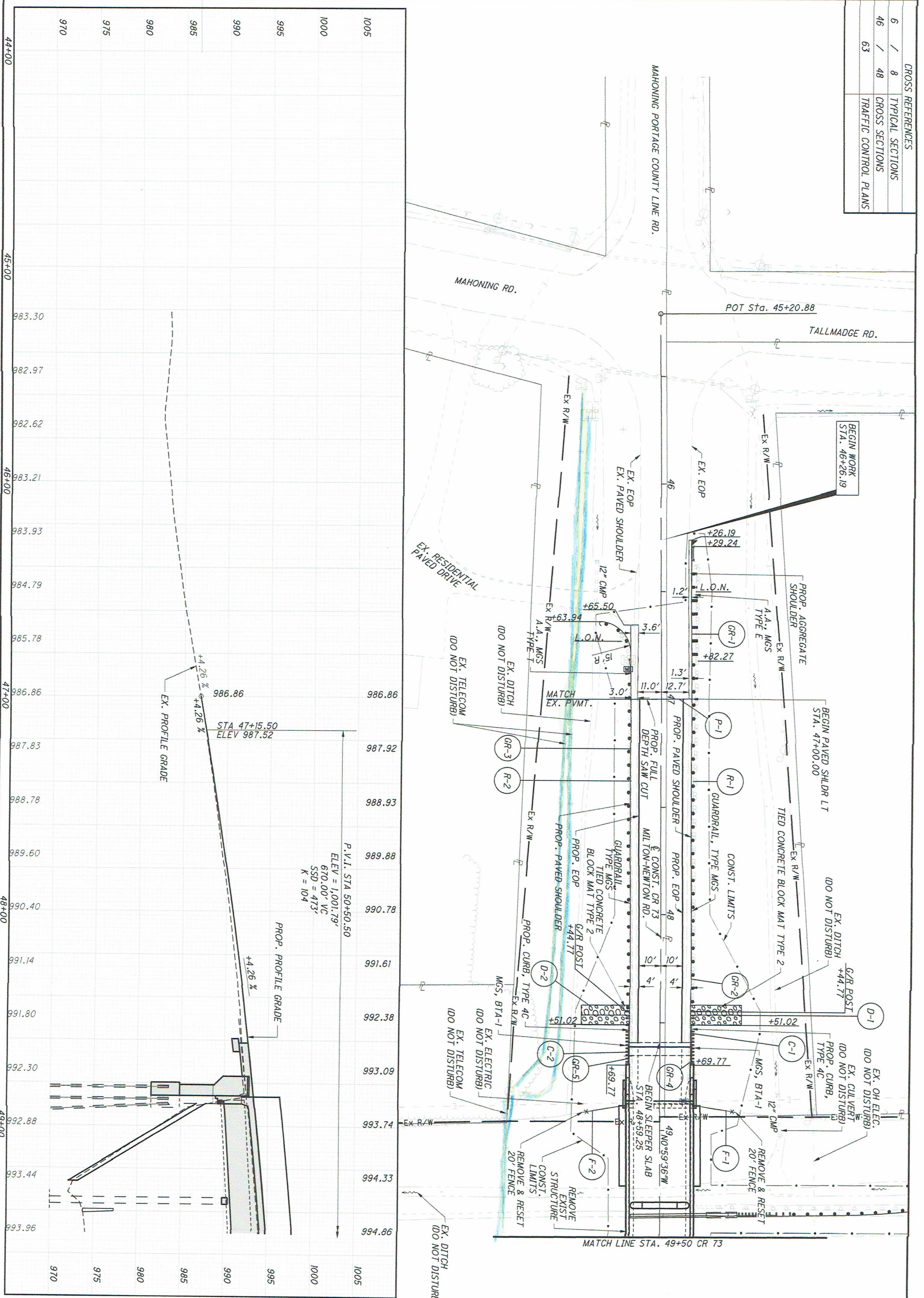
IR-76 (1658) GUARDRAIL TABLE

STA.	OFFSET
A 873+41.34	-58.45
B 873+98.07	-58.45
C 873+98.68	-58.45
D 874+48.07	-58.45
E 875+10.42	-62.45
F 875+63.46	-62.45
G 872+68.60	58.55
H 872+93.59	57.58
I 873+42.99	57.58
J 873+43.59	57.58
K 874+00.32	57.58

NOTES:

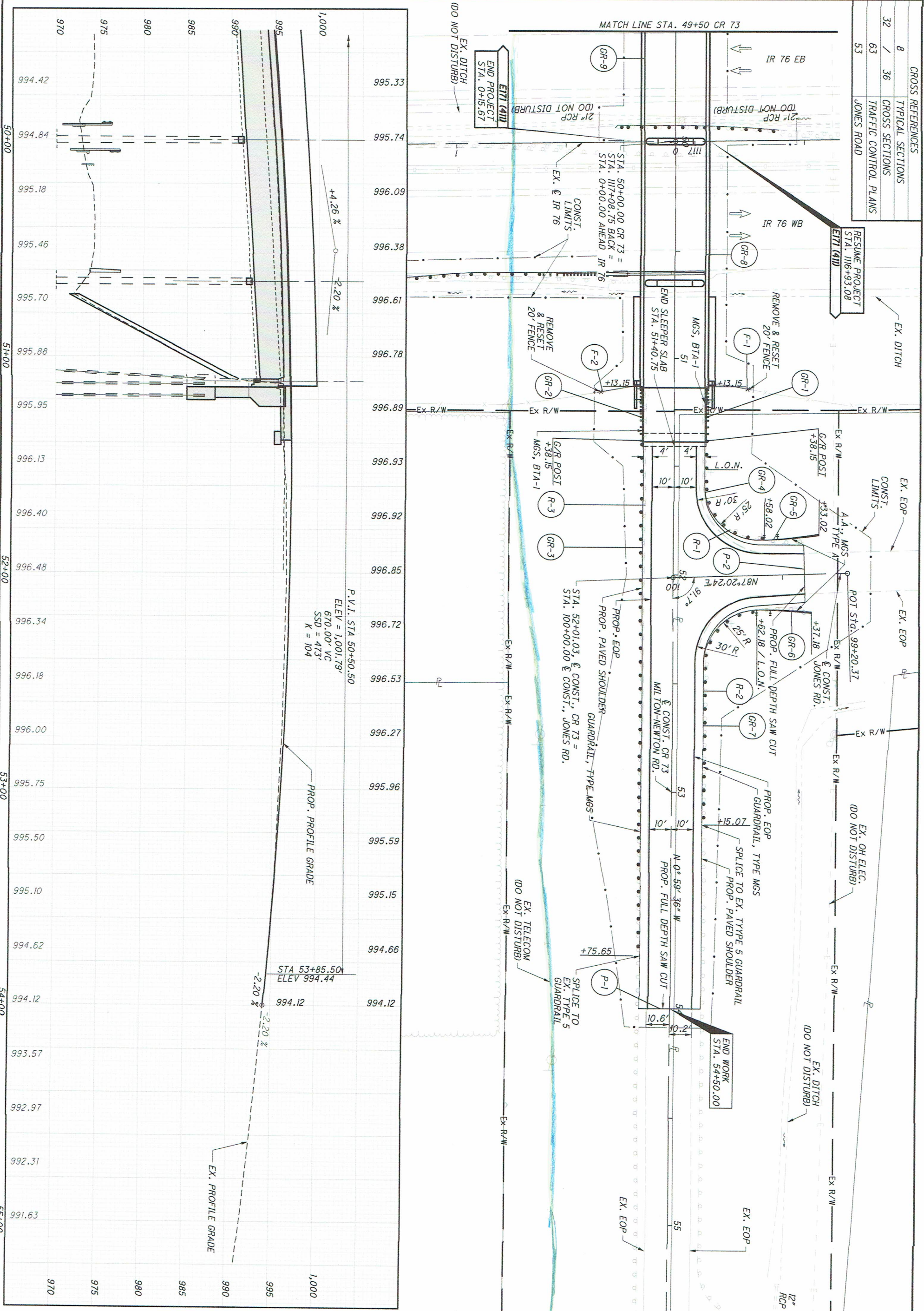
1. STATION CALLOUTS ARE DERIVED FROM EX. E171.
2. REFER TO SCD RM-4.6 FOR ADDITIONAL TYPE D END SECTION DETAILS.
3. REFER TO SCD MGS-3.1 FOR ADDITIONAL BRIDGE TERMINAL ASSEMBLY DETAILS.
4. SEE SHEET 9 FOR TYPICAL SECTION AT BRIDGE.

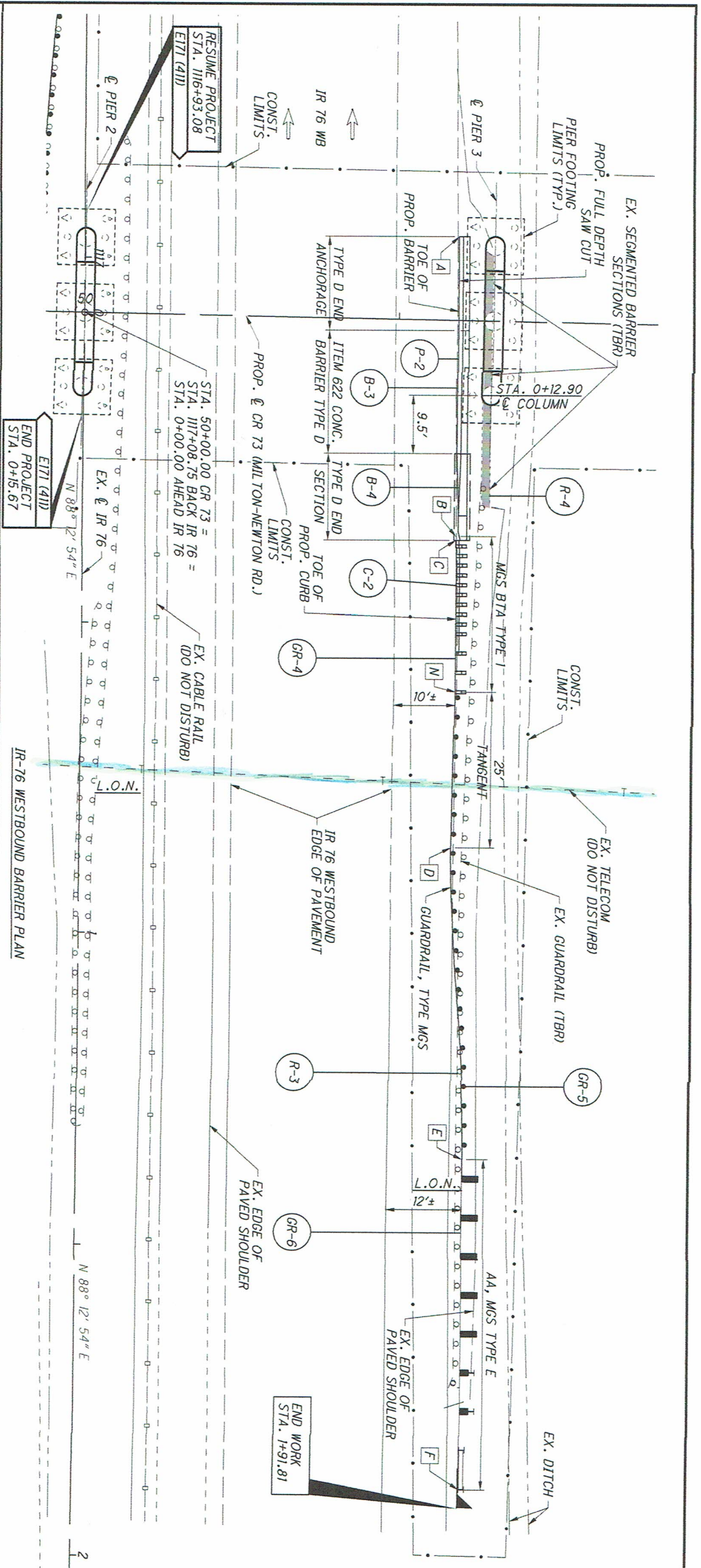
CROSS REFERENCES		
6	/	8
46	/	48
63		TRAFFIC CONTROL PLANS
		TYPICAL SECTIONS
		CROSS SECTIONS



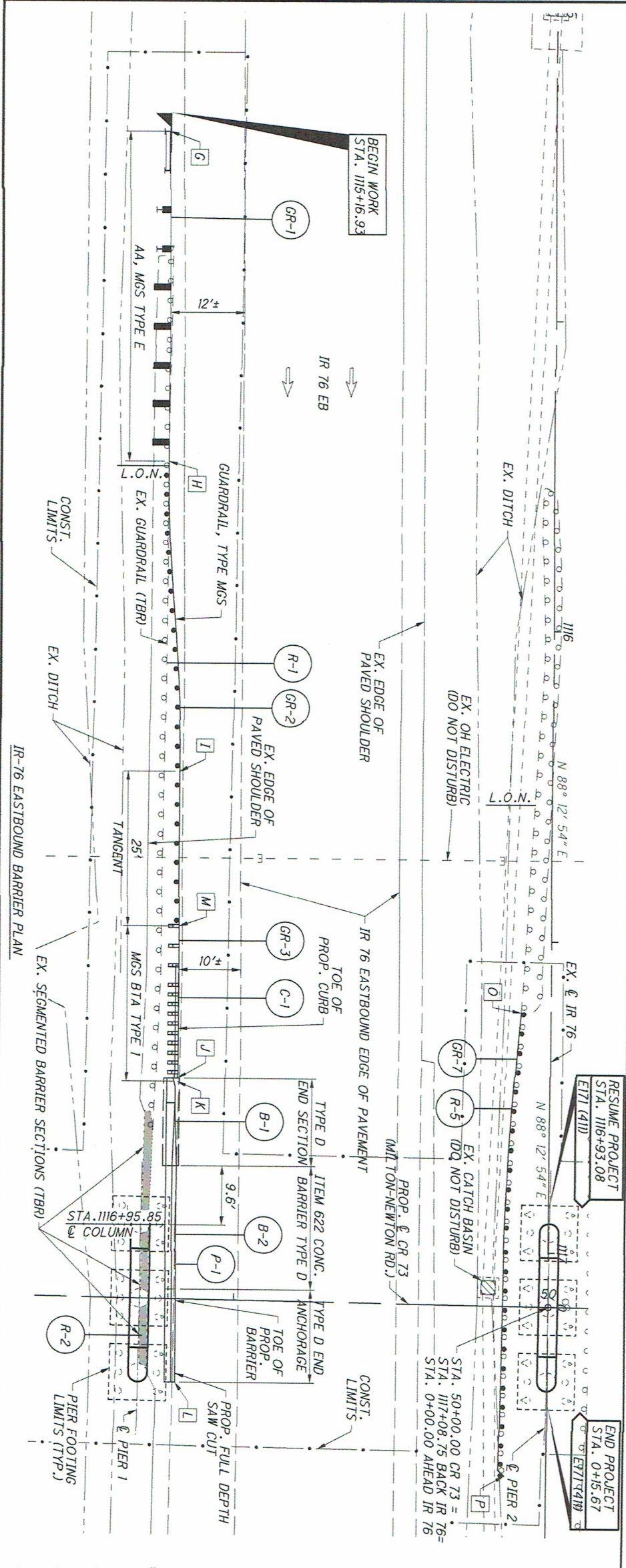
	CALCULATED WES	HORIZONTAL SCALE IN FEET
	CHECKED RJM	
	PLAN AND PROFILE - CR 73 (MILTON-NEWTON RD.) BEGIN WORK TO STA. 49+50.00	

CROSS REFERENCES	
8	TYPICAL SECTIONS
32 / 36	CROSS SECTIONS
63	TRAFFIC CONTROL PLANS
53	JONES ROAD





IR-76 WESTBOUND BARRIER PLAN



IR-76 EASTBOUND BARRIER PLAN

IR-76 (2118) GUARDRAIL TABLE	STA.	OFFSET
A	1116+96.15	-59.40
B	0+35.80 R2	-59.40
C	0+36.40 R2	-59.40
D	0+85.80 R2	-59.40
E	1+35.72 R2	-61.40
F	1+88.75 R2	-61.40
G	1115+19.98	61.27
H	1115+73.01	61.27
I	1116+22.96	59.27
J	1116+12.35	59.27
K	1116+72.96	59.27
L	0+12.60 R2	59.27

NOTES:

1. STATION CALLOUTS ARE DERIVED FROM EX. @ IR 76.
2. REFER TO SCD RM-4.6 FOR ADDITIONAL TYPE D END SECTION DETAILS.
3. REFER TO SCD MGS-3.1 FOR ADDITIONAL BRIDGE TERMINAL ASSEMBLY DETAILS.
4. SEE SHEET 9 FOR TYPICAL SECTION AT BRIDGE.

PLAN - IR 76 AT CR 73 (MILTON-NEWTON RD.)

CALCULATED GJ  
 CHECKED RJM  
 HORIZONTAL SCALE IN FEET  
 0 10 20

