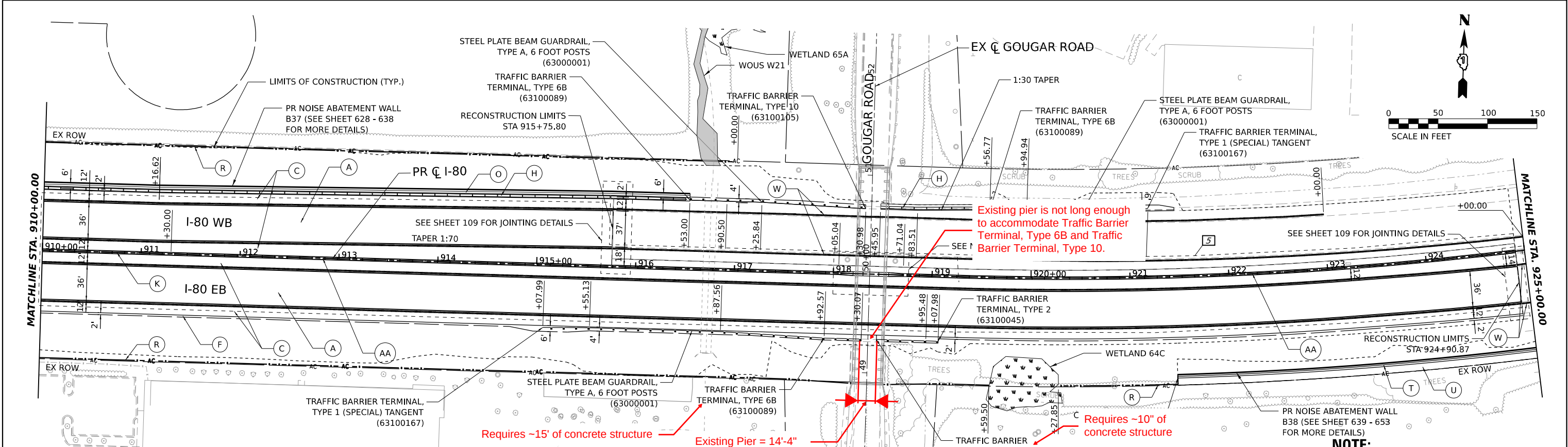


PLAN	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	FILE NAME		

PROFILE	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	FILE NAME		

MODEL: PR I-80 - PR I-80_ML-11
FILE NAME: C:\TRANSPORT\LOCAL\TRANSPORT\SYSTEMS\PW\01\DM507816\2R29-SH-RD-11.DGN



Existing pier is not long enough to accommodate Traffic Barrier Terminal, Type 6B and Traffic Barrier Terminal, Type 10.

Requires ~15' of concrete structure

Existing Pier = 14'-4"

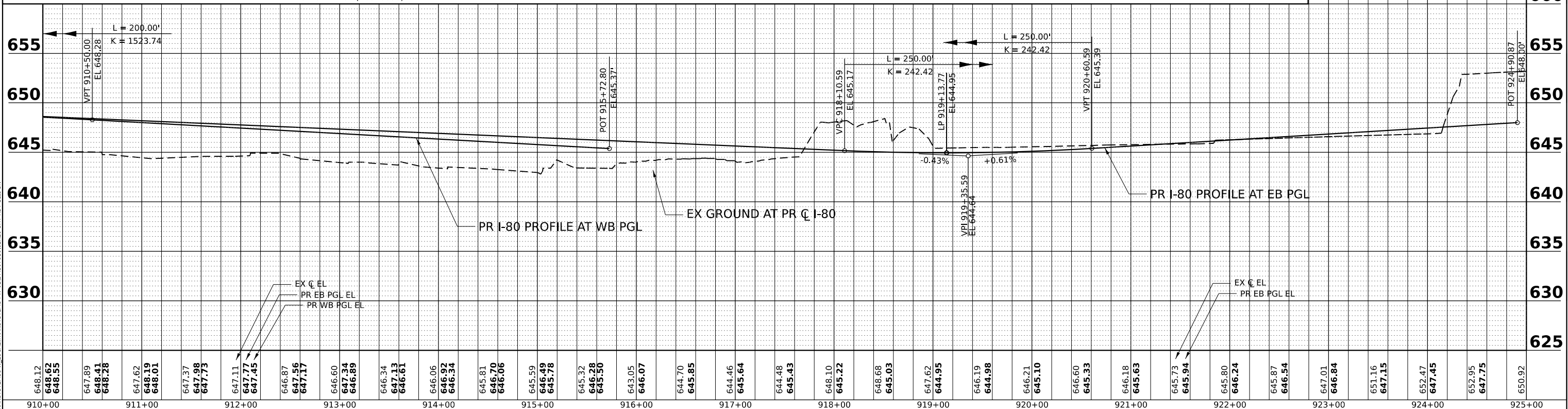
Requires ~10" of concrete structure

NOTE:

- SEE SHEET 101 FOR GOUGAR RD PIER MEDIAN BARRIER DETAILS.

ROADWAY LEGEND

- CONTINUOUSLY REINFORCED PCC PAVEMENT, 13" (42100360)
- STABILIZED SUBBASE - HMA, 4" (31200500)
- PCC PAVEMENT (JOINTED) 10 1/4" (42000506)
- STABILIZED SUBBASE - HMA, 4" (31200500)
- AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- PCC SHOULDERS 13" (48300800)
- SUBBASE GRANULAR MATERIAL, TYPE C, 4" (31102100)
- AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- PCC SHOULDERS 10 3/4" (48300505)
- SUBBASE GRANULAR MATERIAL, TYPE C, 4" (31102100)
- AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- HMA PAVEMENT (FULL DEPTH), 13 3/4" (40701951)
- AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
- AGGREGATE SHOULDERS, TYPE B 6" (48101500)
- SEE SHEET 104 FOR ADDITIONAL DETAIL
- CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT (63700180) CONCRETE BARRIER BASE, SINGLE FACE (X6370090)
- CHAIN LINK FENCE, 6' (66400305)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (60605000)
- CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT (63700280) CONCRETE BARRIER BASE (63700900)
- POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80 (40605026), 2"
- HMA BASE COURSE, 11 1/2" (35501330)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" (Z0004538)
- HMA SHOULDERS, 6" (48203021)
- AGGREGATE BASE COURSE, TYPE B 6" (35101800)
- HMA SHOULDERS, 8" (48203029)
- PCC DRIVEWAY PAVEMENT, PE, 6 INCH (42300200)
- CHAIN LINK FENCE, 4' (66400105)
- CORRUGATED MEDIAN (60624600)
- CONCRETE GUTTER, TYPE B (60602800)
- AGGREGATE SHOULDERS, TYPE B 4" (48101498)
- NOT USED
- SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
- NOT USED
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (60603800)
- CONCRETE BARRIER, VARIABLE CROSS SECTION 44 INCH HEIGHT (63700380)
- CONCRETE BARRIER BASE (63700900)



USER NAME	AVILAC	DESIGNED	CMA	REVISED	5	09/10/2025
DRAWN	CMA	REVIS	-			
PLOT SCALE	0.16666667 1/IN.	CHECKED	BRH	REVISED	-	
PLOT DATE	11/12/2025	DATE	6/29/2023	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
ROADWAY PLAN AND PROFILE

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	83
CONTRACT NO. 62R29				

ILLINOIS FED. AID PROJECT

PROFILE			BY	DATE
	SURVEYED _____			
	PLOTTED _____			
NOTE BOOK	GRADES CHECKED _____			
	B.M. NOTED _____			
NO. _____	STRUCTURE NOTATIONS CHK'D _____			



(A)	CONTINUOUSLY REINFORCED PCC PAVEMENT, 13" (42100360)	(D)	SUBBASE GRANULAR MATERIAL, TYPE C, 4" (31102100)
	STABILIZED SUBBASE - HMA, 4" (31200500)		AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
	AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)	(E)	HMA PAVEMENT (FULL DEPTH), 13½" (40701951)
	PCC PAVEMENT (JOINTED) 10 1/4" (42000506)		AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)
(B)	STABILIZED SUBBASE - HMA, 4" (31200500)	(F)	AGGREGATE SHOULDERS, TYPE B 6" (48101500)
	AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)	(G)	SEE SHEET 104 FOR ADDITIONAL DETAIL
	PCC SHOULDERS 13" (48300800)		
(C)	SUBBASE GRANULAR MATERIAL, TYPE C, 4" (31102100)	(H)	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT
	AGGREGATE SUBGRADE IMPROVEMENT 12" (30300112)		(63700180) CONCRETE BARRIER BASE,
			SINGLE FACE (X6370090)

- ① CHAIN LINK FENCE, 6' (66400305)
- ② COMBINATION CONCRETE CURB AND GUTTER,
TYPE B-6.24 (60605000)
- ③ CONCRETE BARRIER, DOUBLE FACE, 44 INCH HEIGHT
(63700280) CONCRETE BARRIER BASE (63700900)
- ④ POLYMERIZED HMA SURFACE COURSE, SMA, 9.5,
MIX "F", N80 (40605026), 2"
- ⑤ HMA BASE COURSE, 11 1/2" (35501330)
- ⑥ HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10" (Z0004538)

- (D) HMA SHOULDERS, 6" (48203021)
- (P) AGGREGATE BASE COURSE, TYPE B 6" (35101800)
- (Q) HMA SHOULDERS, 8" (48203029)
- (Q) PCC DRIVEWAY PAVEMENT, PE, 6 INCH (42300200)
- (R) CHAIN LINK FENCE, 4' (66400105)
- (S) CORRUGATED MEDIAN (60624600)
- (T) CONCRETE GUTTER, TYPE B (60602800)
- (U) AGGREGATE SHOULDERS, TYPE B 4" (48101498)

- (V) NOT USED
- (W) SHOULDER RUMBLE STRIPS, 16 INCH (64200116)
- (X) NOT USED
- (Z) COMBINATION CONCRETE CURB AND GUTTER,
TYPE B-6.12 (60603800)
- CONCRETE BARRIER, VARIABLE CROSS SECTION
- (AA) 44 INCH HEIGHT (63700380)
- CONCRETE BARRIER BASE (63700900)

1. SEE SHEET 101 FOR GOUGAR RD PIER
MEDIAN BARRIER DETAILS.



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

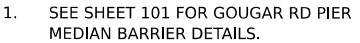
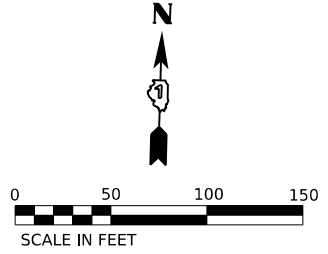
I-80 ROADWAY PLAN AND PROFILE

SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	83
		CONTRACT NO. 62R29		
ILLINOIS		FED. AID PROJECT		

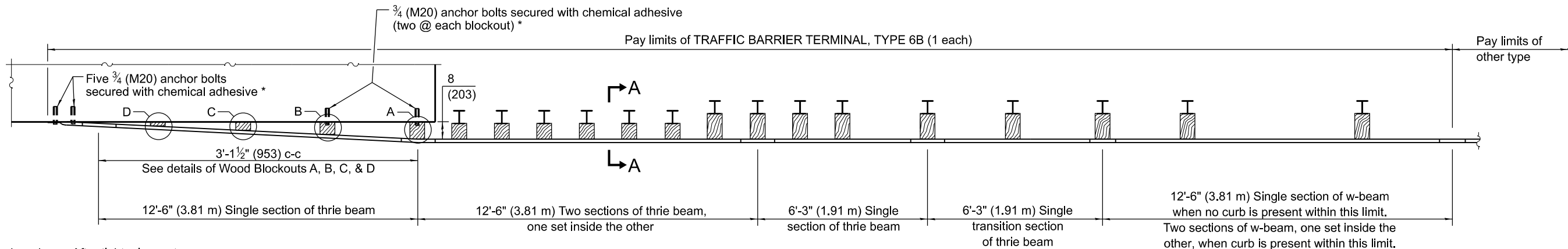
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PROFILE			BY	DATE
	SURVEYED _____			
	PLOTTED _____			
NOTE BOOK	GRADES CHECKED _____			
	B.M. NOTED _____			
NO. _____	STRUCTURE NOTATIONS CHK'D _____			



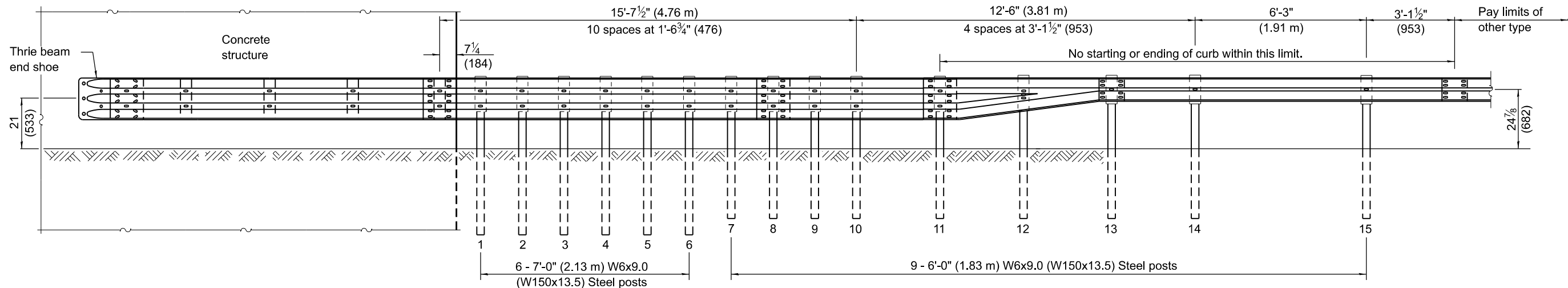
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 STRUCTURE 8	WILL	883	83
		CONTRACT NO. 62R29		
ILLINOIS		FED. AID PROJECT		

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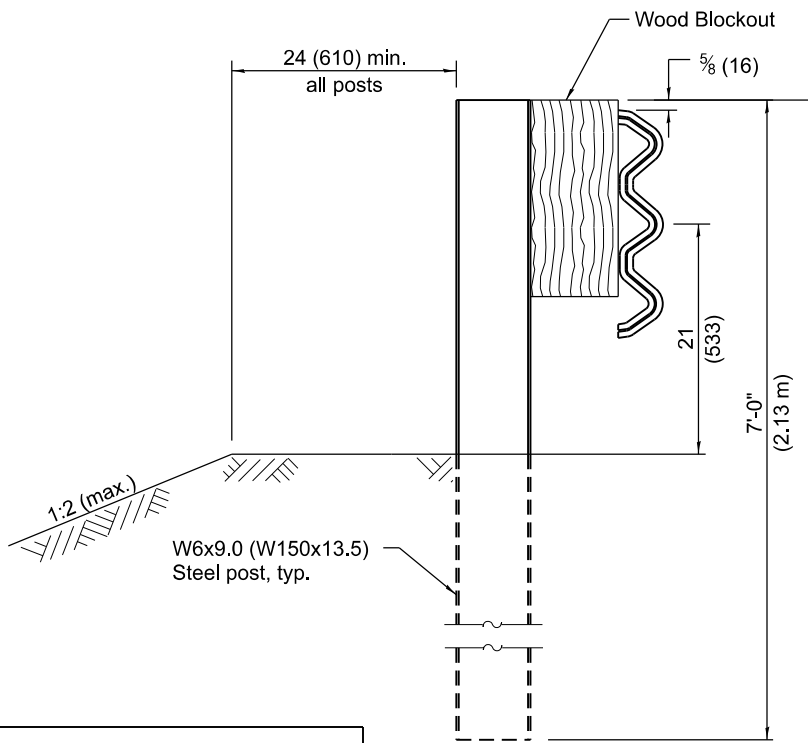


* With standard washers. After tightening, cut the anchor bolts flush with the nuts and damage the nuts to prevent them from loosening.

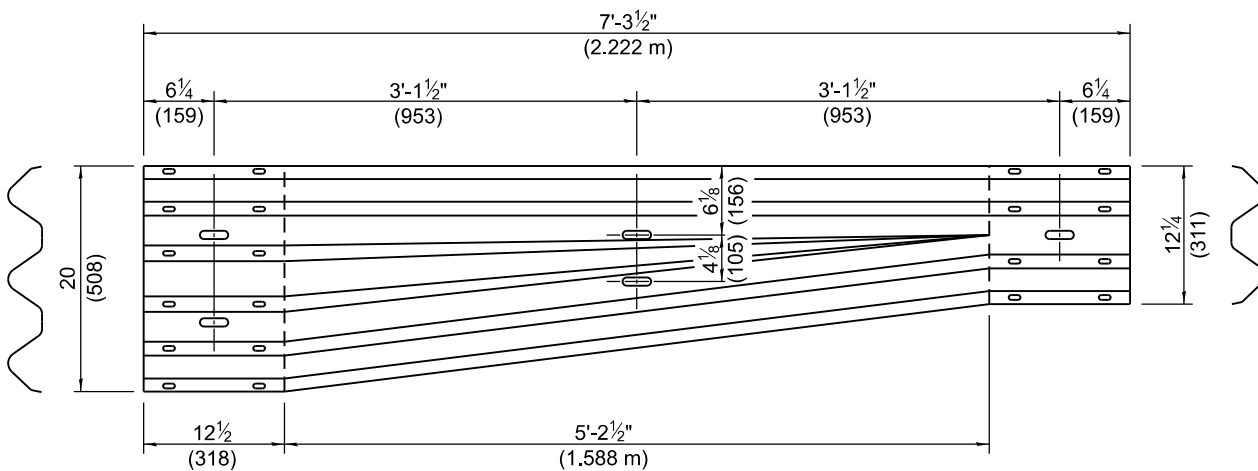
PLAN



ELEVATION



SECTION A-A



TRANSITION SECTION
(10 gauge (3.4) rail element)

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

Thrie beam rail shall be bolted to block-out at all posts.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

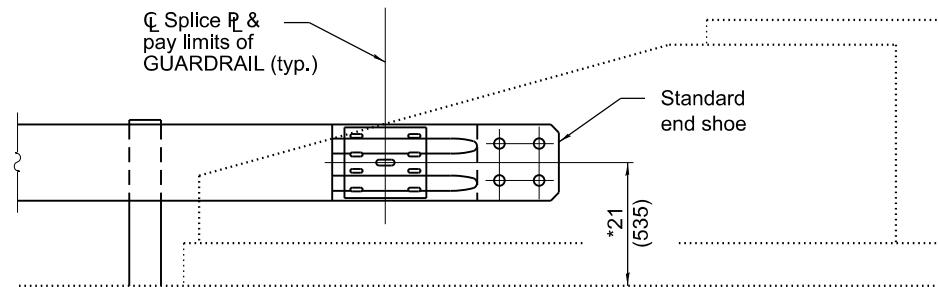
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-23	Removed two posts and revised blockouts to be consistent with other TBTs.
1-1-20	Added two posts and revised length of posts.

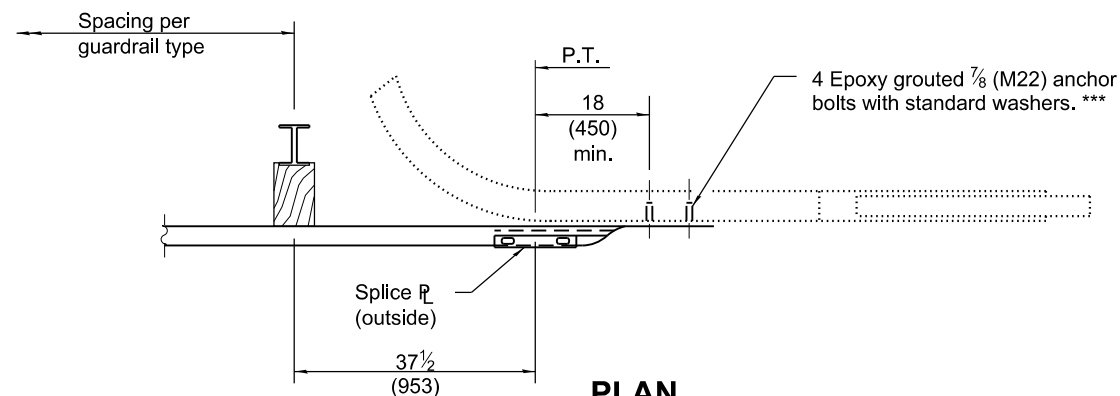
TRAFFIC BARRIER
TERMINAL, TYPE 6B

(Sheet 1 of 2)

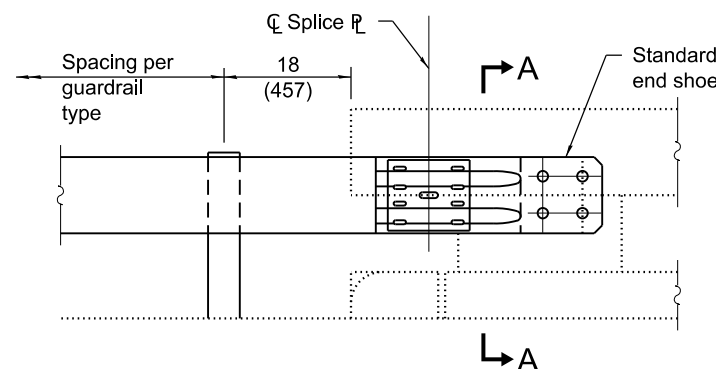
STANDARD 631033-09



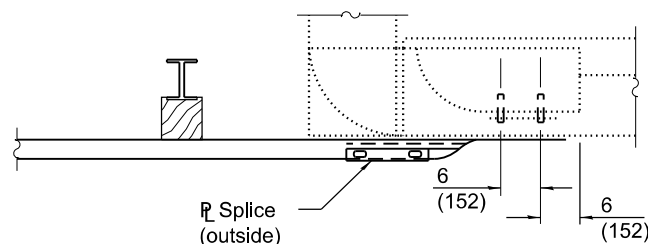
ELEVATION



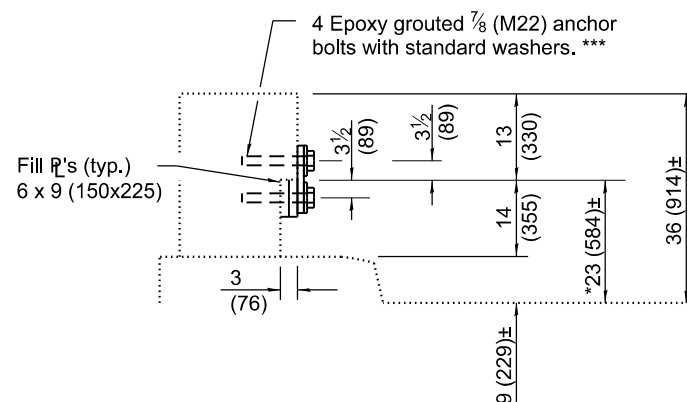
**PLAN
CURVED WING**



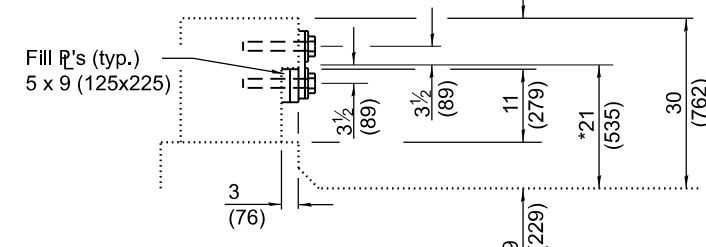
ELEVATION



PLAN

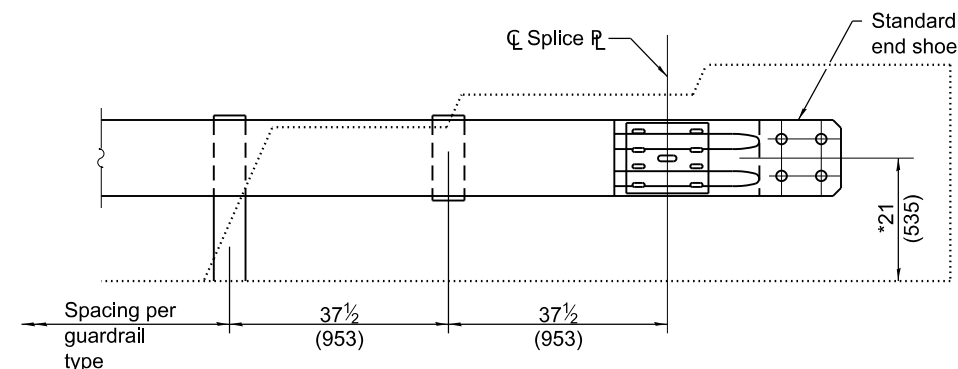


**SECTION A-A
(HIGH RAIL)**

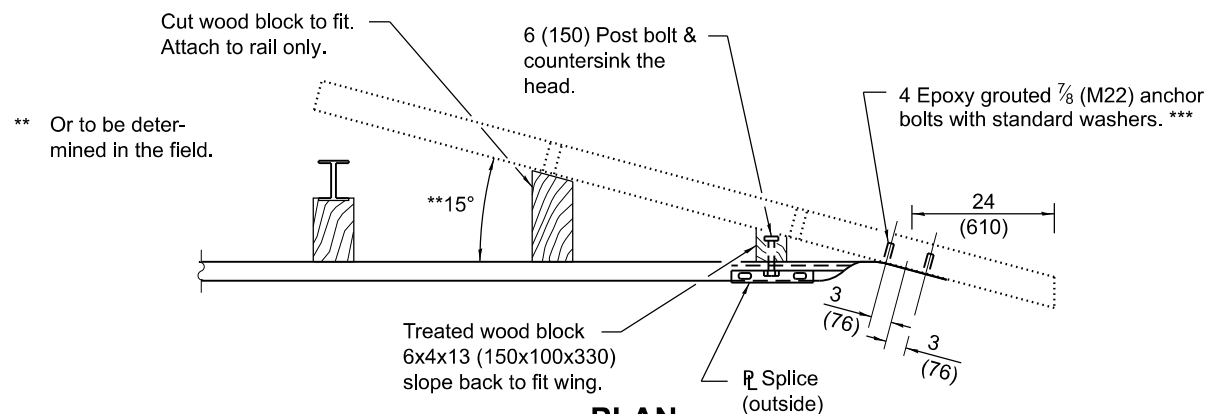


**SECTION A-A
(LOW RAIL)**

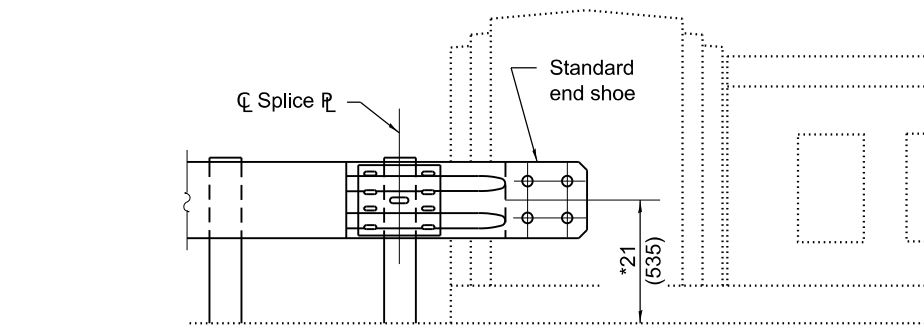
REINFORCED CONCRETE HANDRAIL



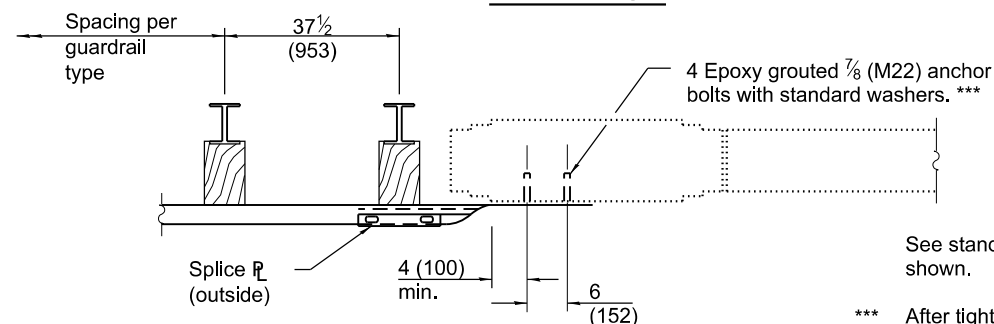
ELEVATION



**PLAN
FLARED WING**



ELEVATION



**PLAN
CONCRETE HANDRAIL**

GENERAL NOTES

See standard 630001 or details of guardrail not shown.

*** After tightening, cut the anchor bolts flush with nuts, and damage the bolt head to prevent it from loosening.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Changes adopted to implement the Midwest Guardrail System.

**TRAFFIC BARRIER
TERMINAL, TYPE 10**

STANDARD 631046-04