06-15-2018 LETTING ITEM 146

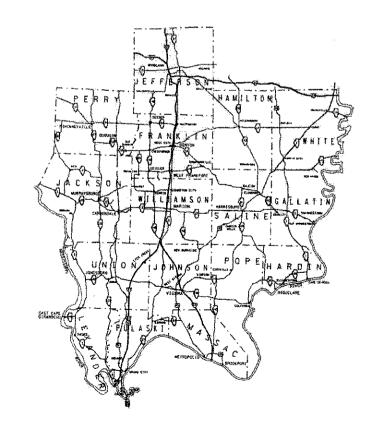
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D9 GUARDRAIL REPAIR FY19-1

GUARDRAIL REPAIR VARIOUS COUNTIES

C-99-073-18



D-99-043-17



PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 3
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 5

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: SUSAN POE PROJECT DESIGNER: KYLE MARKEL

CONTRACT NO. 78654

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Prepared By:

DISTRICT STUDIES & PLANS ENGINEER

Examined By:

Examined By:

PROGRAM DEVELOPMENT ENGINEER

Examined By:

Examined By:

DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By:

DISTRICT CONSTRUCTION ENGINEER

Examined By:

DISTRICT MATERIALS ENGINEER

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INDEX OF SHEETS

SHEET NO.	DESCRIPTION COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, STANDARDS
4	GENERAL NOTES
5 - 7	SUMMARY OF QUANTITIES
8 - 11	STEEL PLATE BEAM GUARDRAIL STANDARD INSTALLED PRIOR TO JANUARY 1, 2007
12 - 14	TRAFFIC BARRIER TERMINAL, TYPE 6 STANDARD INSTALLED PRIOR TO JANUARY 1, 2007
15 -17	TRAFFIC BARRIER TERMINAL, TYPE 6A STANDARD INSTALLED PRIOR TO JANUARY 1, 2007
18 - 19	TRAFFIC BARRIER TERMINAL, TYPE 6B STANDARD INSTALLED PRIOR TO JANUARY 1, 2007
20	CRASH-CUSHION ATTENUATING TERMINAL (C-A-T)

LIST OF STANDARDS

LIJI	<u>UI STANDANDS</u>
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND A FOOT
630001-12	STEEL PLATE BEAM GUARDRAIL
630006	NON-BLOCKED STEEL PLATE BEAM GUARDRAIL
630116	BACK SIDE PROTECTION OF GUARDRAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
631033-07	TRAFFIC BARRIER TERMINAL. TYPE 6B
635001-02	DELINEATORS
636001-02	CABLE ROAD GUARD SINGLE STRAND
643001-02	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
665001-02	WOVEN WIRE FENCE
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF ROAD OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF ROAD OPERATIONS. MULTILANE, MORE THAN 15' AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS GREATER OR EQUAL TO 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TERM OPERATIONS
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY FOR SPEEDS GREATER OR
EQUAL TO 45	MPH TO 55 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701456-05	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-08	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-07	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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					F.A RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
INDEX OF SHEETS & LIST OF STANDARDS		VAR.	D9 GUARDRAIL REPAIR FY19-1	VARIOUS	20	3			
							CONTRAC	T NO.	78654
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GENERAL NOTES

BEFORE ORDERING THE IMPACT ATTENUATORS, THE CONTRACTOR MUST CONTACT THE RESIDENT ENGINEER TO RECEIVE APPROVAL OF THE PROPOSED INSTALLATION.

ALL WORK IS TO BE REPLACED IN KIND OR AS INDICATED ON THE CONTRACT PLANS AND PROVISIONS.

THE LOCATIONS OF THE REPAIR AREAS SHALL BE DETERMINED BY THE ENGINEER.

GUARDRAIL WORK WILL INCLUDE ALIGNMENT AS NECESSARY TO RESTORE THE RAIL TO THE ORIGINAL CONDITIONS.

REMOVAL OF DAMAGED MATERIALS WILL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE WILL BE LEFT IN A SAFE AND ORDERLY CONDITION.

THE LIMITS OF THE DAMAGED GUARDRAIL WILL BE MARKED WITH PAINT. THE REPLACEMENT PARTS AND THE QUANTITIES INDICATED ARE WITHIN THESE LIMITS AS MARKED.

REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS WILL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.

GUARDRAIL MARKERS SHALL BE ATTACHED TO TERMINAL SECTIONS. ALL OTHER MARKERS SHALL BE PLACED AT THE DISCRETION OF THE ENGINEER.

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PHONE: 800 892-0123) OR FOR NON-MEMBER, THE UTILITY COMPANY DIRECTLY.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

THE CONTRACTOR SHALL BE ADVISED THAT THE GUARDRAIL PAY ITEMS INCLUDED IN THE PLANS MAY BE USED TO REPLACE/REPAIR SPBGR AND TRAFFIC BARRIER TERMINALS FOR THE NEW MIDWEST STANDARD AS SHOWN ON THE HIGHWAY STANDARDS AS WELL AS SPBGR AND TRAFFIC BARRIER TERMINAL INSTALLED PRIOR TO JAN.

1. 2007 AS SHOWN IN THE PLAN DETAILS. NO ADDITONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST STANDARDS.

COMMITMENTS

ONE

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	GENERAL NOTES & COMMITMENTS					F.A RTE.	SEC	TION	COUNTY	TOTAL SHEETS	SHEET NO.
						VAR.	D9 GUARDRAIL	REPAIR FY19-1	VARIOUS	20	4
									CONTRACT	NO.	78654
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT				

	CHANARDY OF OHANITITIES	COUNTY:	COUNTY:	VARIOUS	VARIOUS	VARIOUS
	SUMMARY OF QUANTITIES	ROUTE:	ROUTE:	VARIOUS	VARIOUS	VARIOUS
		FUNDING:	FUNDING:	100% STATE	100% STATE	100% STATE
		LOCATION:	LOCATION:	RURAL	RURAL	RURAL
CODE	ITEM DESCRIPTION	UNIT	TOTAL	MCHD	HIT AND	HIGH TENSION CABLE GUARDRAIL
NUMBER	TIEM DESCRIPTION	OMIL	QUANTITY	0021	RUN 0021	0021
25000100	SEEDING, CLASS 1	ACRE	5.5	4.0	0.5	1.0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	66	60	6	
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	5	5		
83100189	TRAFFIC DARRIER TERMINAL, TIPE I (SPECIAL) FLARED	LAGII	J	3		
64300260	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	4	3	1	
64401300	HIGH TENSION CABLE MEDIAN BARRIER TERMINALS	EACH	8			8
67100100	MOBILIZATION	L SUM	1.00	0.75	0.15	0.10
X0325899	REPAIR HIGH TENSION CABLE (GIBRALTAR)	FOOT	300		50	250
70323833	ALL ATT THE PERSON CABLE VOIDINGLIANT		300			
X0325900	REPAIR HIGH TENSION BARRIER TERMINAL (GIBRALTAR)	EACH	9		1	8
X0325902	REMOVE AND REPLACE POSTS (GIBRALTAR)	EACH	53		10	43
X0326201	REPAIR HIGH TENSION CABLE (TRINITY)	FOOT	300		50	250
						†
X0326202	REPAIR POSTS (TRINITY)	EACH	53		10	43
VOSTOTOT	ALL MAN 18878 VINIMITY	I Lawri]		1	+
X0326203	REPAIR HIGH TENSION CABLE SYSTEM END SECTION (TRINITY)	EACH	9		1	8
X6300210	GUARDRAIL BLOCKS	EACH	230	225	5	

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SUMMARY OF QUANTITIES				VAR.	D9 GUARDRAIL	REPAIR FY19	-1 VARIOUS	20	5	
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	CLUMANDA OF CHANTITIES CONT	COUNTY:	COUNTY:	VARIOUS	VARIOUS	VARIOUS
	SUMMARY OF QUANTITIES - CONT	ROUTE:	ROUTE:	VARIOUS	VARIOUS	VARIOUS
		FUNDING:	FUNDING:	100% STATE	100% STATE	100% STATE
		LOCATION:	LOCATION:	RURAL	RURAL	RURAL
CODE			TOTAL	MCHD	HIT AND RUN	HIGH TENSION CABLE GUARDRAIL
NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	0021	0021	0021
		100		-1111-1		
X6300215	RAIL ELEMENT PLATES	EACH	230	225	5	
X6300213	NATE ELEMENT CATES					
			_			
X6300217	RAIL ELEMENT PLATES (RADIUS)	EACH	9	8	1	
X6300220	EXTRUDER HEAD	EACH	4	3	1	
		EACH	231	225	6	
X6300230	STEEL POSTS	EAGII	231			
			<u> </u>		-	
X6300231	STEEL POST, ATTACHED TO STRUCTURES	EACH	2	2		
					-	
X6300235	WOOD POSTS	EACH	21	15	6	
				<u> </u>		
		EACH	3	3		
X6310088	TRAFFIC BARRIER TERMINAL TYPE 6A (SPECIAL)	EACH				
X6310176	TRAFFIC BARRIER TERMINAL, TYPE 2 (SPECIAL)	EACH	3	2	1	
					44 ye	
X6310214	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	4	4		
AGSTGETT						
		51011		3	1	
X6311215	TRAFFIC BARRIER TERMINAL (C-A-T)	EACH	4	3	1	
X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	4	4		
VC771110	STEEL POSTS, SPECIAL	EACH	2	2		
X6331110	SILLE 10313, SELUTAL		<u> </u>			
X6430210	REMOVE AND REINSTALL IMPACT ATTENUATORS	EACH	32	30	2	

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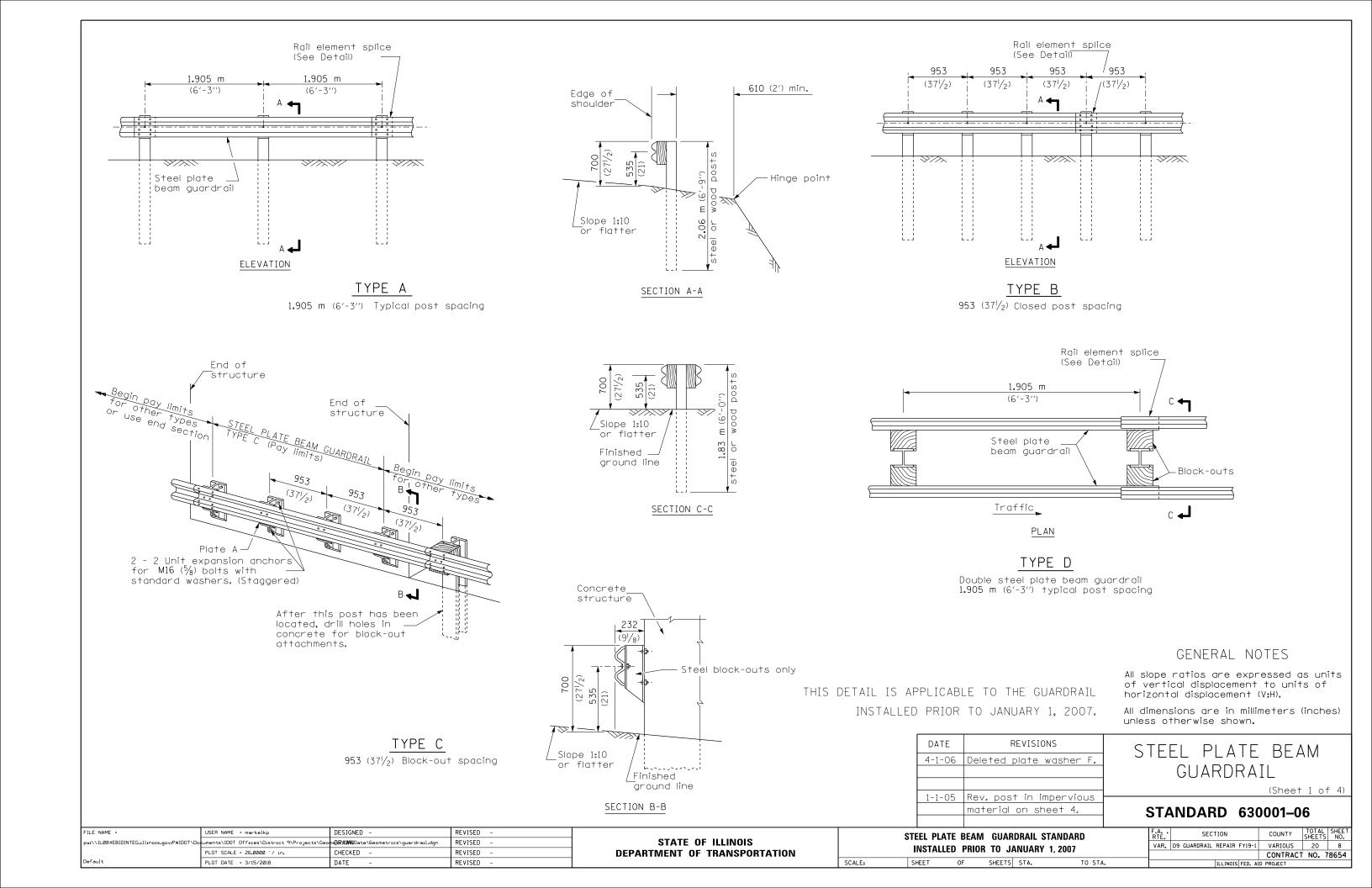
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	SUMMARY OF QUANTITIES - CONT	ROUTE:	ROUTE:	VARIOUS	VARIOUS	VARIOUS
		FUNDING:	FUNDING:	100% STATE	100% STATE	100% STATE
		LOCATION:	LOCATION:	RURAL	RURAL	RURAL
CODE	ITEM DESCRIPTION	UNIT	TOTAL	MCHD	HIT AND	HIGH TENSION CABLE GUARDRAIL
NUMBER	TIEM DESCRIPTION	ONT!	QUANTITY	0021	RUN 0021	0021
X6640298	CHAIN LINK FENCE (SPECIAL)	FOOT	125	. 100	25	
X6650208	WOVEN WIRE FENCE REMOVAL AND REPLACEMENT	F00T	100	100		
X7011834	TRAFFIC CONTROL AND PROTECTION, CALL OUT WORK	EACH	40	30	10	
X7011836	TRAFFIC CONTROL AND PROTECTION, FREEWAY/EXPRESSWAY, CALL OUT WORK	EACH	44	30	11	3
Z0052410	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	16	10	6	
20052415	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (FLARED)	EACH	3	3		
Z0053200	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4		
Z0053210	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	4	4		
Z0053220	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4		

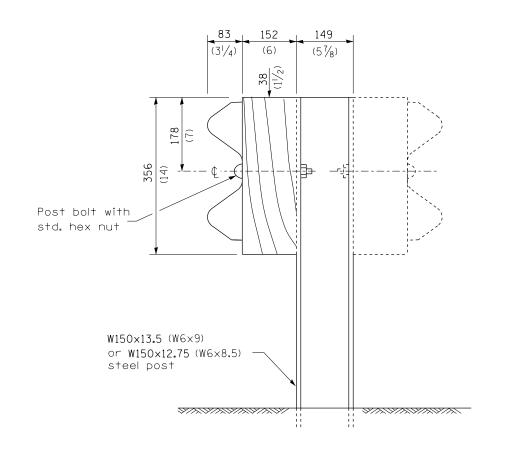
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	SUMMARY	OF QUANTITIES		
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VAR.	na	GUARDRAIL	REPAIR	FY19-1	VARIOUS	20	7
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STEEL POST CONSTRUCTION

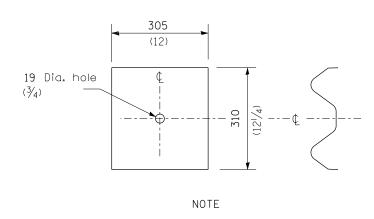
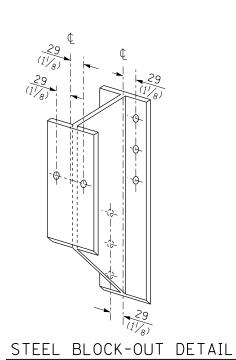


Plate A shall be placed between rail element and block-out at non-splice mounting points only when steel block-outs are used.

PLATE A



Bolt not to extend more than 6 (1/4) past nut

150x150 (6x6) Rough sawn timber toe-nalled to post

150x150 (6x6) Rough sawn timber post

WOOD POST CONSTRUCTION

POST OR SPLICE BOLT & NUT

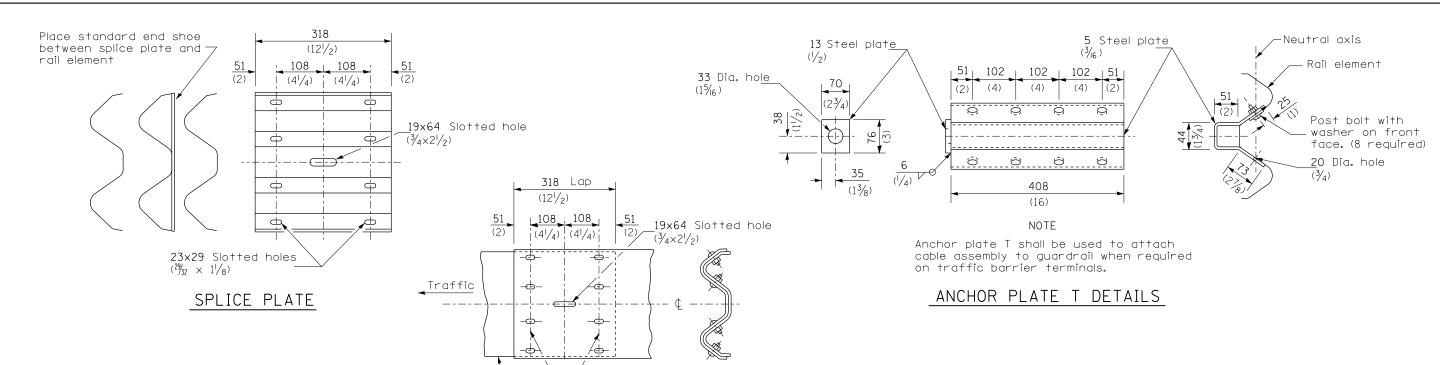
THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

STEEL PLATE BEAM GUARDRAIL

(Sheet 2 of 4)

STANDARD 630001-06

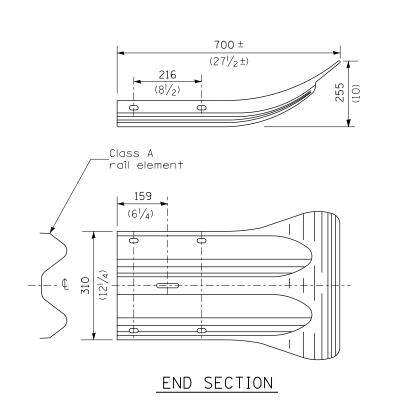
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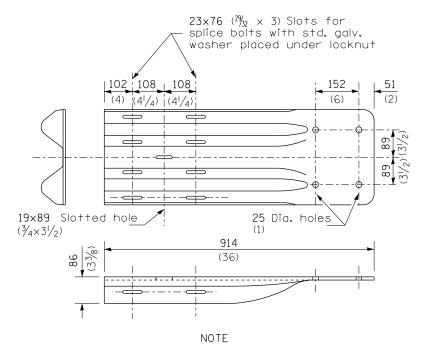


 $23\times29~(^{2}\%_{32}~\times~1^{1}/_{8})$ Slotted holes for M16 $(^{5}\%_{8})$ splice bolts

RAIL ELEMENT SPLICE

Class A rail element



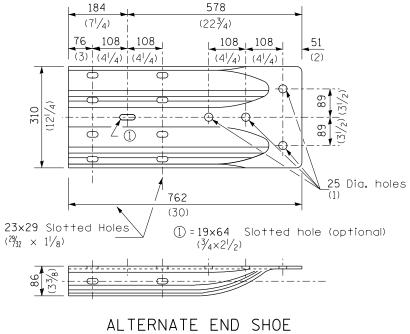


When end shoe is attached to a bridge parapet which has an expansion joint, the bolts shall be provided with a locknut or double nut and shall be tightened only to a point that will allow guardrail movement.

The standard end shoe shall be attached to the concrete with pre-drilled or self-drilling anchor bolts. The anchor cone shall be set flush with the surface of the concrete.

Externally threaded studs protruding from the surface of the concrete will not be permitted.

END SHOE



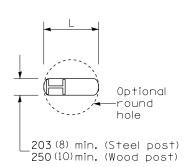
THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

STEEL PLATE BEAM GUARDRAIL

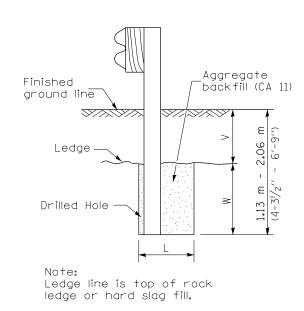
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STANDARD 630001–06

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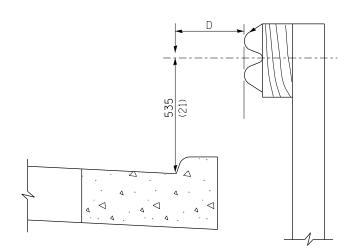


PLAN



ELEVATION

FOOTING FOR POST WHEN IMPERVIOUS MATERIAL IS ENCOUNTERED



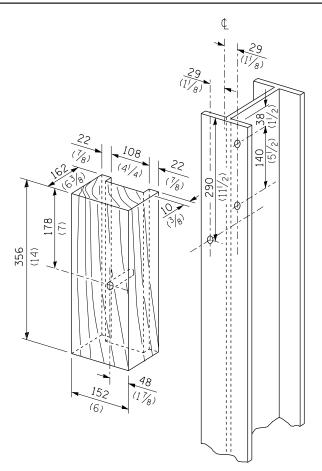
Note:

If it is necessary for D to be more than 300 (12) and less than 3.0 m (10'-0") type M-5 (M-2)curb and gutter (Std. 606001) shall be used in front of and in advance of the guardrail.

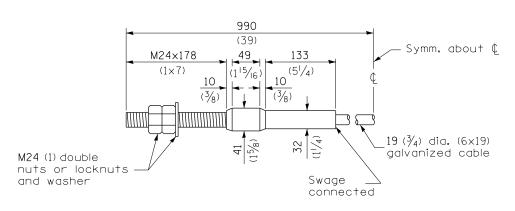
GUARDRAIL PLACED BEHIND CURB

(D = 0 desirable to 300 (12) maximum)

V	W	L	-
V	, vv	Steel Post	Wood Post
0 - 460	610	530	580
(0 - 18)	(24)	(21)	(23)
>460 - 825	305	203	250
(>18 - 41.5)	(12)	(8)	(10)
>825 - 1.13 m	305 - 0	203	250
(>41.5 - 53.5)	(12 - 0)	(8)	(10)



WOOD BLOCK-OUT AND STEEL POST DETAILS



CABLE ASSEMBLY

(18,100 kg (40,000 lbs.) min. breaking strength)
Tighten to taut tension.

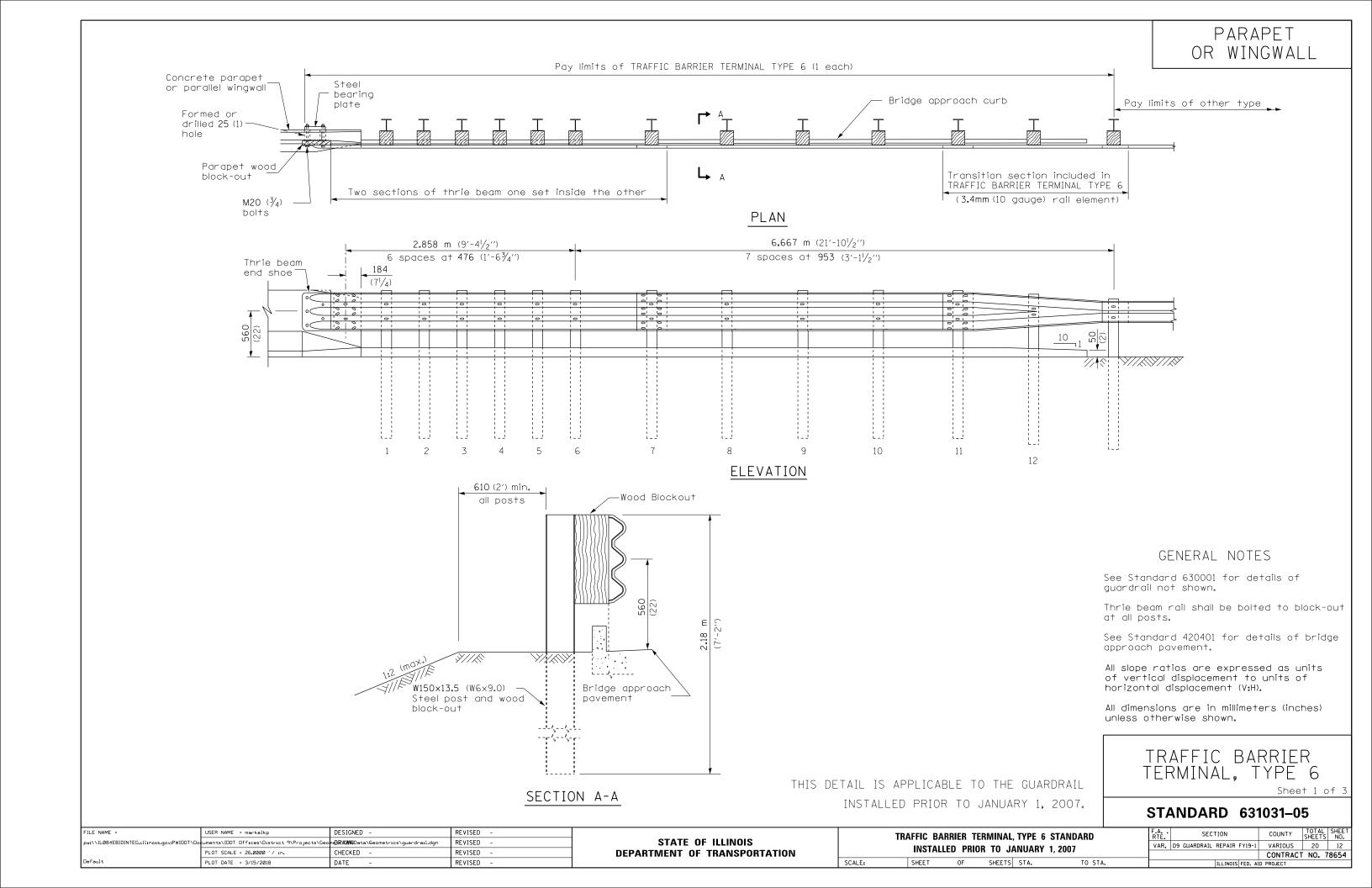
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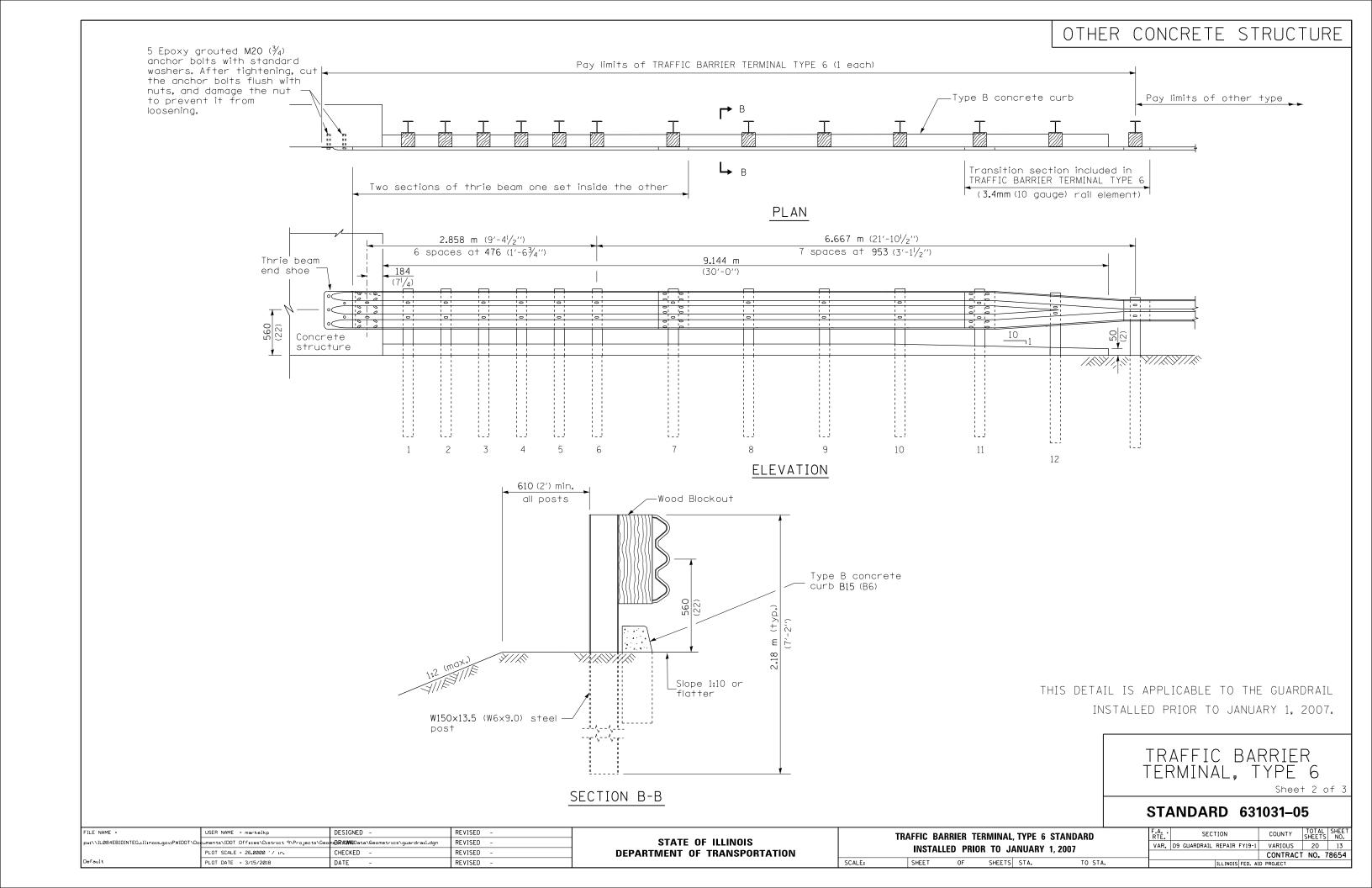
STEEL PLATE BEAM GUARDRAIL

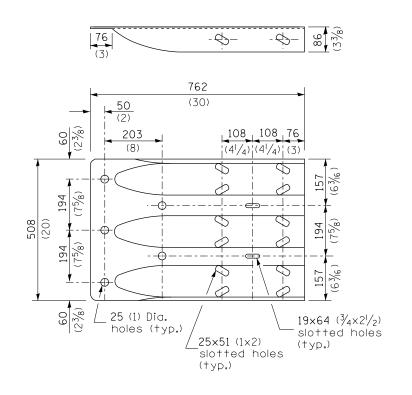
(Sheet 4 of 4)

STANDARD 630001-06

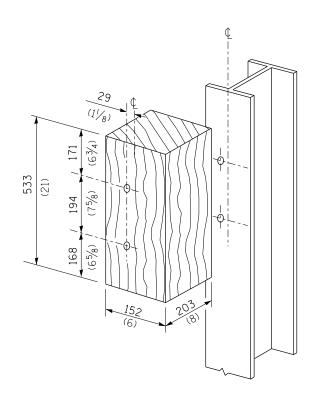
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	PLOT SCALE = 26.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		INSTALL	LED PKIU	IK IU J	ANUARY 1	, 2007				CT NO. 78654
Default	PLOT DATE = 3/15/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILL INOIS	D. AID PROJECT	



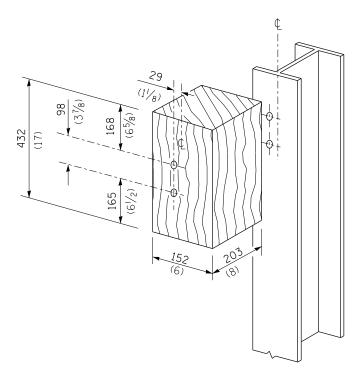




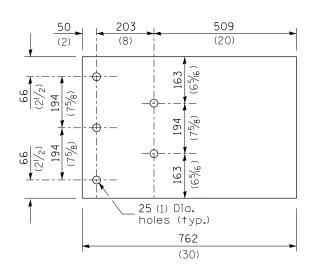
THRIE BEAM END SHOE DETAIL

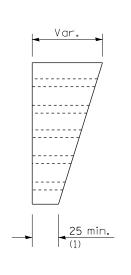


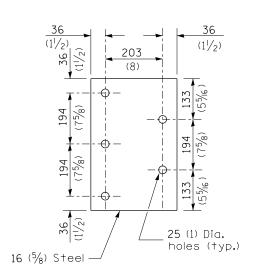
POSTS 1-11 WOOD BLOCKOUT DETAIL



POST 12 WOOD BLOCKOUT DETAIL







PARAPET WOOD BLOCK-OUT DETAIL

PARAPET STEEL BEARING PLATE DETAIL

(5 each individual $125 \times 125 \times 16$ ($5 \times 5 \times 5 \%$) steel plates with centered 25 (1) holes may be substituted for the plate shown.)

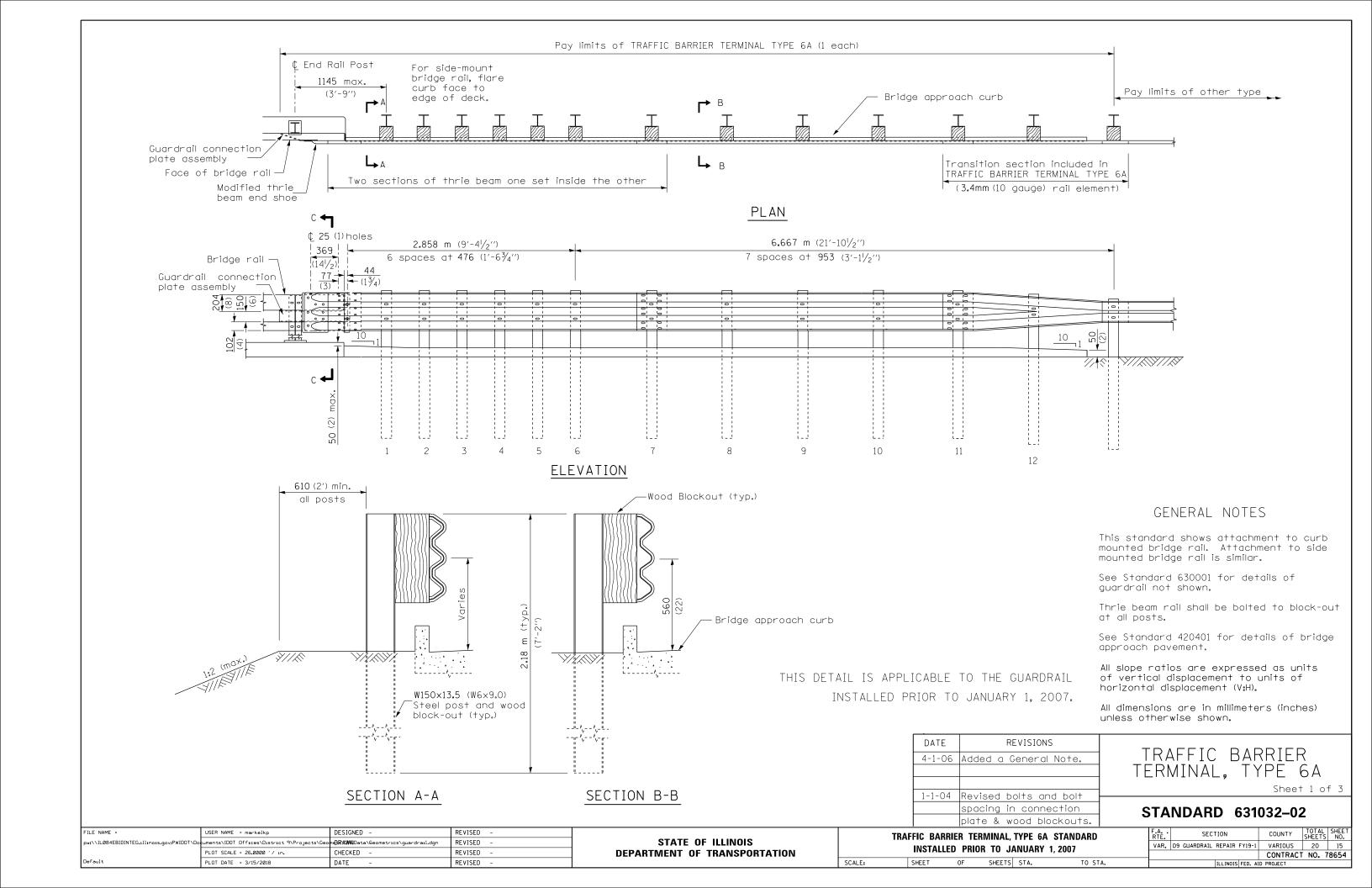
THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

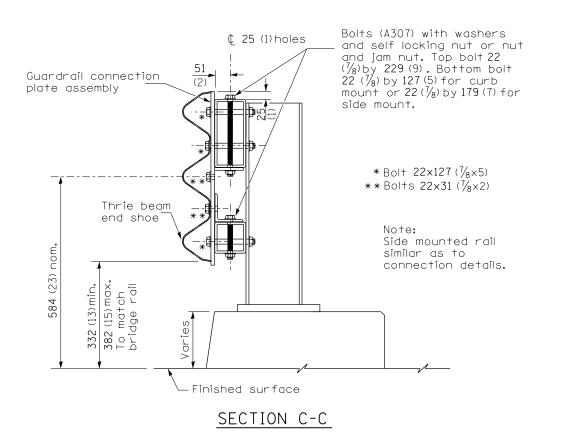
TRAFFIC BARRIER TERMINAL, TYPE 6

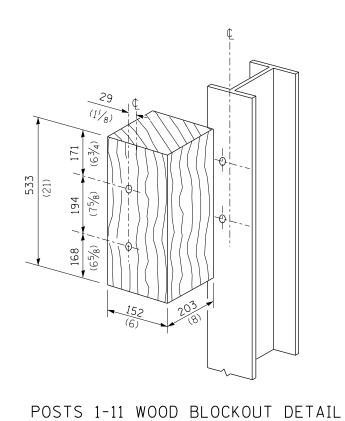
Sheet 3 of

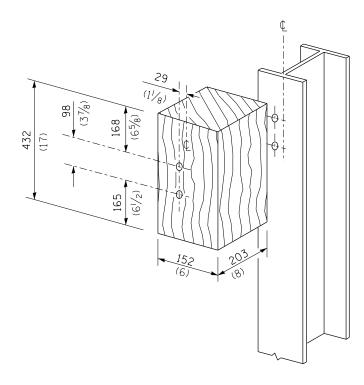
STANDARD 631031-05

FILE NAME =	USER NAME = markelkp	DESIGNED -	REVISED -		TR	RAFFIC RAF	RRIFR TE	FRMINA	TVPF 6.9	STANDARD	F.A.	Ė.	SECTION	COUNTY	TOTAL	L SHEET	1
pw:\\IL084EBIDINTEG.:111:no:s.gov:PWIDOT\Do	cuments\IDOT Offices\District 9\Projects\Geo	oneDRXXWNData\Geometrics\guardrail.dgn	REVISED -	STATE OF ILLINOIS					•		VAF	R. D9	GUARDRAIL REPAIR FY19-1	VARIOUS	20	14	1
	PLOT SCALE = 26.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		INSTALL	ED PKIU	JK IU J	IANUAKY 1	I, 200 <i>1</i>				CONTRAC	CT NO.	78654	1
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POST 12 WOOD BLOCKOUT DETAIL

-\$--\$-762 __ 25 (1) Dia. holes (typ.) $19 \times 64 \ (\frac{3}{4} \times 2^{1/2})$ slotted holes __25x51 (1x2) __slotted_holes __(typ.) (typ.)

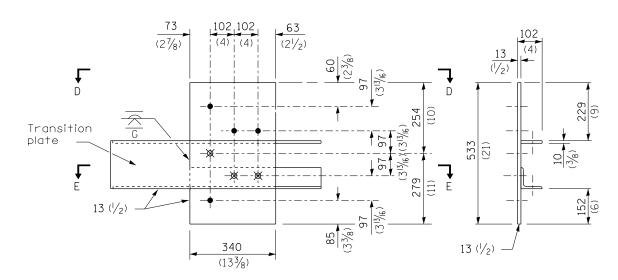
MODIFIED THRIE BEAM END SHOE DETAIL

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

TRAFFIC BARRIER TERMINAL, TYPE 6A

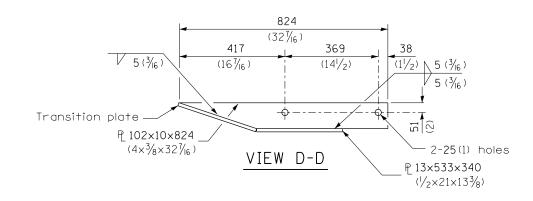
			STANDARD 6310)32–02

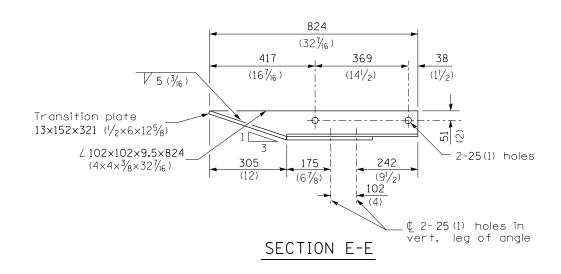
FILE NAME =	USER NAME = markelkp	DESIGNED -	REVISED -		1	RAFFIC BAR	RIER TEI	RMINAL.	TYPE 6A	STANDARD	RTE.	SECTION	COUNTY	SHEETS	NO.
pw:\\ILØ84EBIDINTEG.:111:no1s.gov:PWIDOT\Do	cuments\IDOT Offices\District 9\Projects\Geo	neDRXXWNData\Geometrics\guardrail.dgn	REVISED -	STATE OF ILLINOIS		INCTALL	ED DDIO	D TO I	ANIIADV 1	2007	VAR.	D9 GUARDRAIL REPAIR FY19-1	VARIOUS	20	16
	PLOT SCALE = 26.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	INSTALLED PRIOR TO JANUARY 1, 2007						CONTRAC	T NO. 7	8654		
Default	PLOT DATE = 3/15/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



GUARDRAIL CONNECTION PLATE ASSEMBLY DETAILS

(Mirror for opposite end)

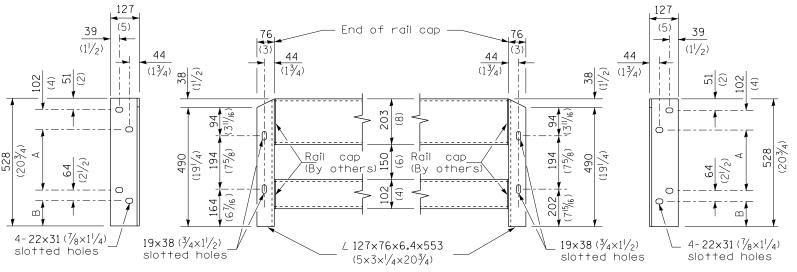




- (4-25(1)) holes for 22 $(\frac{7}{8})$ H.S. bolts and nuts
- \bowtie Drill and tap 3 holes for 22($\frac{7}{8}$) H.S. bolts.

<u>LEGEND</u>

Dimensions	А	В
For Curb	222	89
Mounted Rail	(8 ³ ⁄ ₄)	(3 ¹ / ₂)
For Side	247	64
Mounted Rail	(9¾)	(2 ¹ / ₂)



DEPARTURE END VIEW

CONNECTION ANGLES

(Install angles to rail caps using $19\,(\frac{5}{8})$ washers and self-locking nuts or nuts and jam nuts, to be provided by others)

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

TRAFFIC BARRIER TERMINAL, TYPE 6A

STANDARD 631032-02

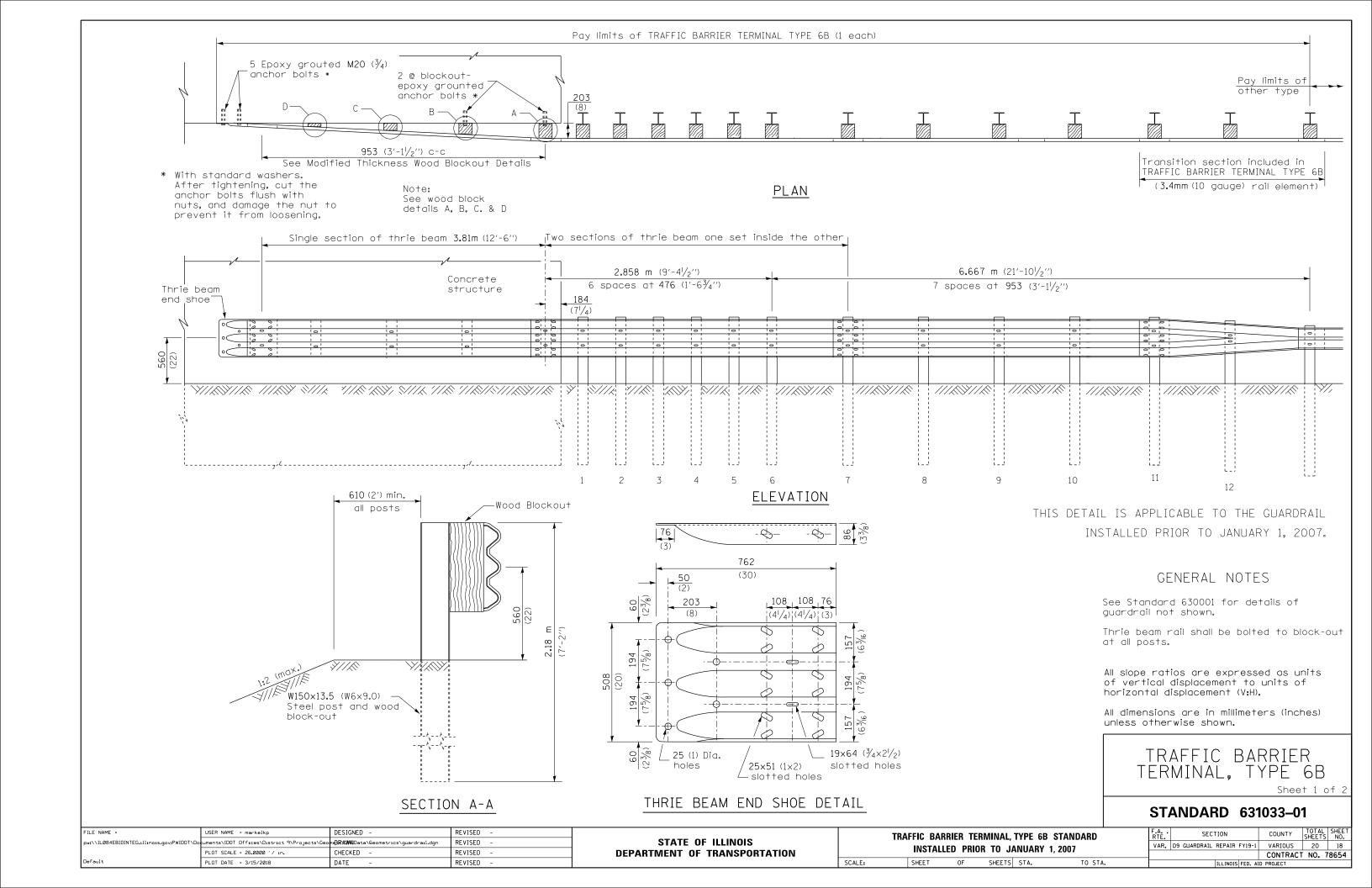
Sheet 3 of 3

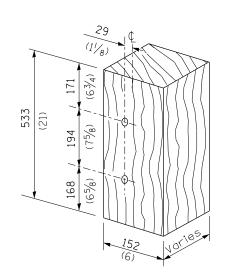
APPROACH END VIEW

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

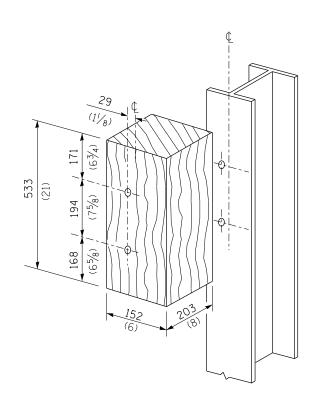
	IC BARRI NSTALLEI				ARD
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RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.								
VAR.	D9 GUARDRAIL REPAIR FY19-1	VARIOUS	20	17								
CONTRACT NO. 786												
	ILLINOIS EED AID PROJECT											

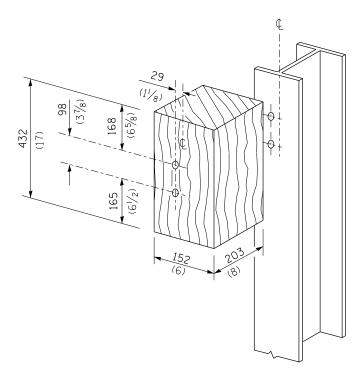




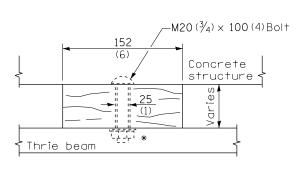
MODIFIED THICKNESS WOOD BLOCKOUT DETAIL



POSTS 1-11 WOOD BLOCKOUT DETAIL

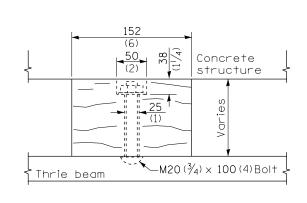


POST 12 WOOD BLOCKOUT DETAIL

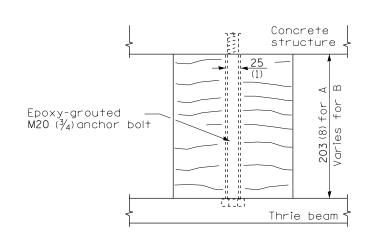


WOOD BLOCKOUT D

Bolt to thrie beam with M20($\frac{3}{4}$) by 100(4) bolt, washer & nut. Reverse direction of insertion. *



WOOD BLOCKOUT C



WOOD BLOCKOUT A & B

THIS DETAIL IS APPLICABLE TO THE GUARDRAIL INSTALLED PRIOR TO JANUARY 1, 2007.

TRAFFIC BARRIER TERMINAL, TYPE 6B

Sheet 2 of 2

STANDARD 631033-01

FILE NAME =	USER NAME = markelkp	DESIGNED -	REVISED -		TRAFFIC RARRIER TERMINAL TYPE 6R STANDARD			TRAFFIC BARRIER TERMINAL TYPE 6B STANDARD		STANDARD	F.A.	$\overline{\cdot}$	SECTIO	ıN N	COUNTY	TOTAL	SHEET
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	PLOT SCALE = 26.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	INSTALLED PRIOR TO JANUARY 1, 2007				1, 2007					CONTRACT	NO. 7	8654	
Default	PLOT DATE = 3/15/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			ILI	INOIS FED. AID	PROJECT		

