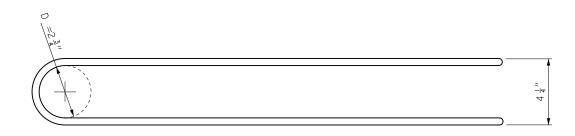
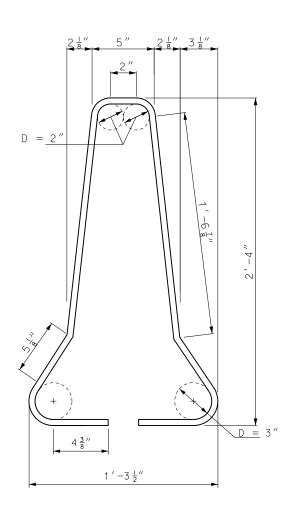


#6 B BAR ELEVATION



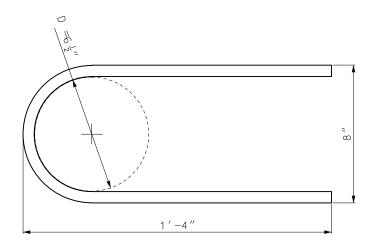
#6 B BAR PLAN



#4 A BARS

REINFORCING BARS PER 12'- 6" BARRIER SECTION					
MARK	BAR SIZE	NO. OF BARS	SHAPE OF EACH	LENGTH EACH (NOM.)	WEIGHT
А	4	14	V	6′-5″	60.8 lbs
С	5	3		12'-2"	38.1 lbs
D	4	2		12'-2"	16.3 lbs
Е	6	6		2'-11"	26.3 lbs
LOOP ASSEMBLY					
В	6	6		7′-10″	70.5 lbs

CONCRETE VOLUME 1.3 CU YDS APPROXIMATE WEIGHT 5601 LBS.



#6 E BAR

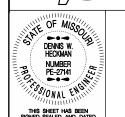
GENERAL NOTE:

DIMENSIONS ARE OUT TO OUT OF BARS UNLESS OTHERWISE NOTED.



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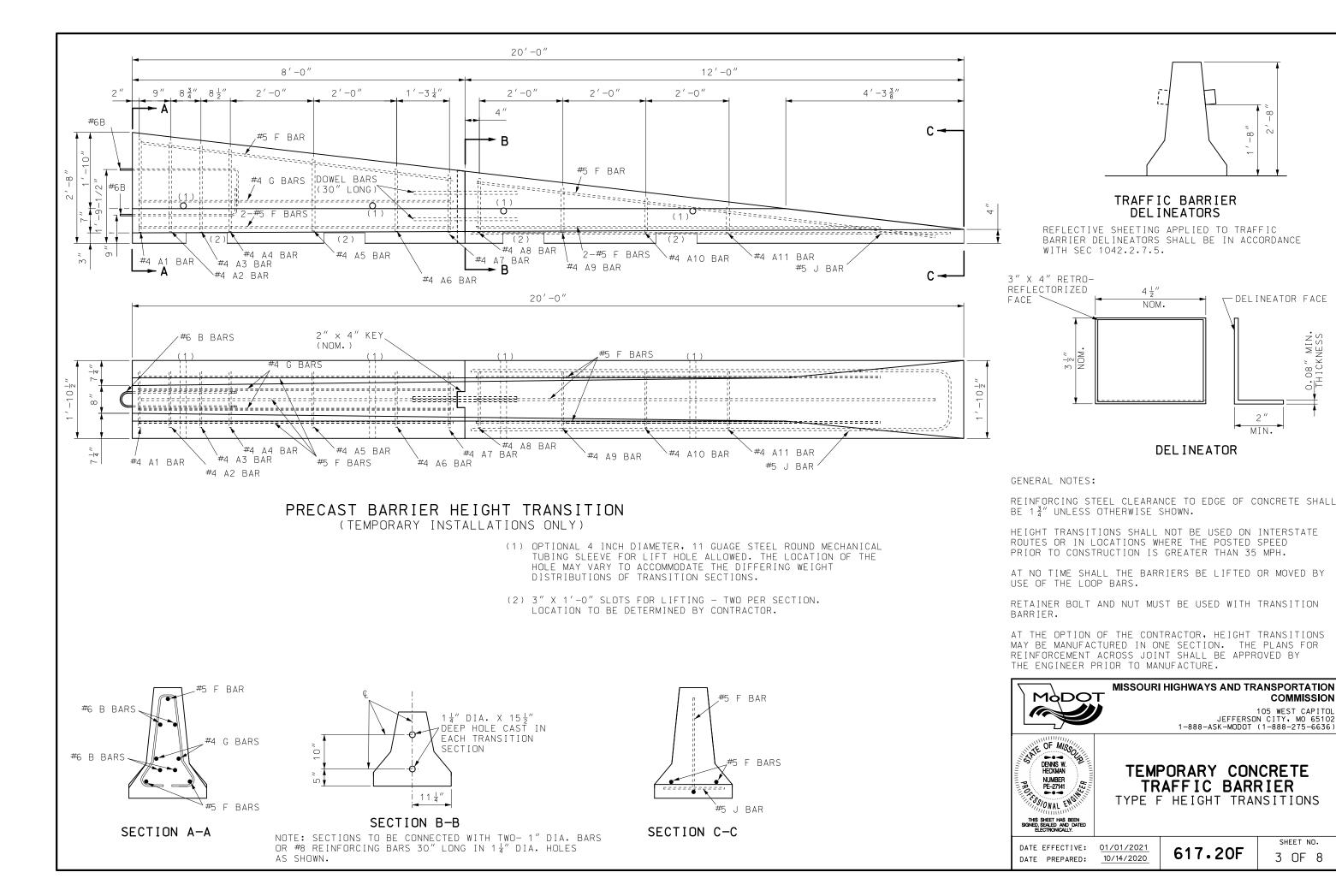
TEMPORARY CONCRETE TRAFFIC BARRIER

TYPE F

DATE EFFECTIVE: 01/01/2021 DATE PREPARED: 10/14/2020

617.20F

SHEET NO. 2 OF 8



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O.08" MIN. THICKNESS

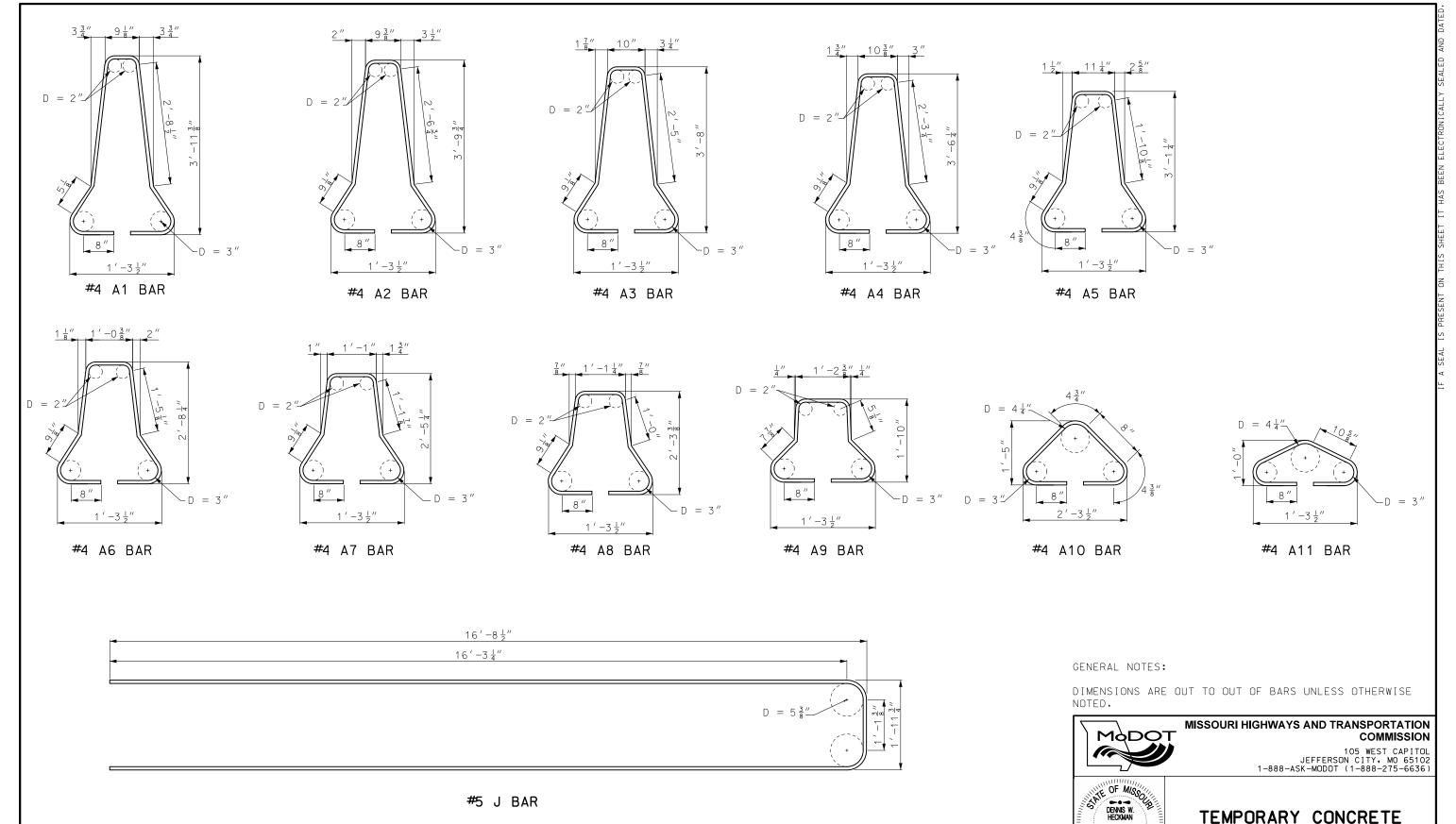
COMMISSION

105 WEST CAPITOL

SHEET NO.

3 OF 8

MIN.



NOTE: FOR DETAILS OF B BARS, SEE SHEET 2 OF 6.

TEMPORARY CONCRETE TRAFFIC BARRIER TYPE F HEIGHT TRANSITIONS

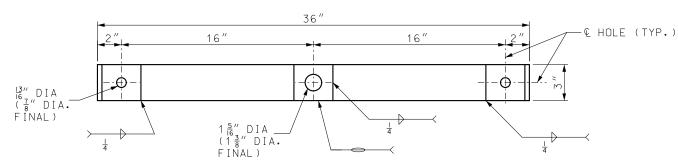
B NUMBER PE-27141 FINANCE SOLUTION OF THE PERSON OF THE PE THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

SHEET NO.

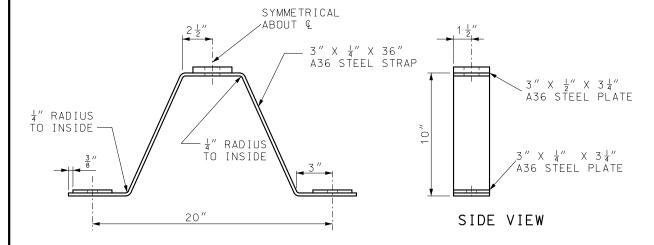
DATE EFFECTIVE: 01/01/2021 DATE PREPARED: 10/14/2020

617.20F

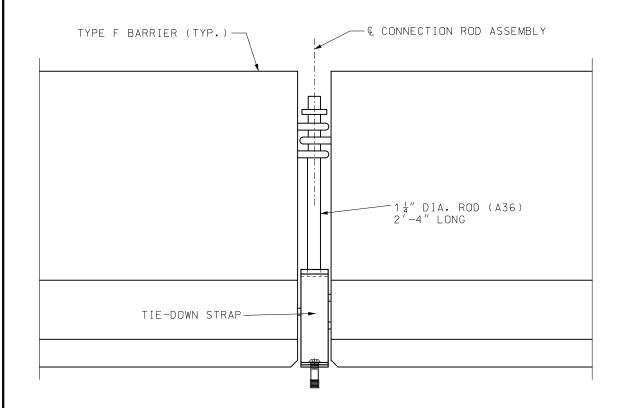
4 OF 8



PLAN OF TIE-DOWN STRAP



DETAILS OF TYPE F TEMPORARY BARRIER TIE-DOWN STRAP



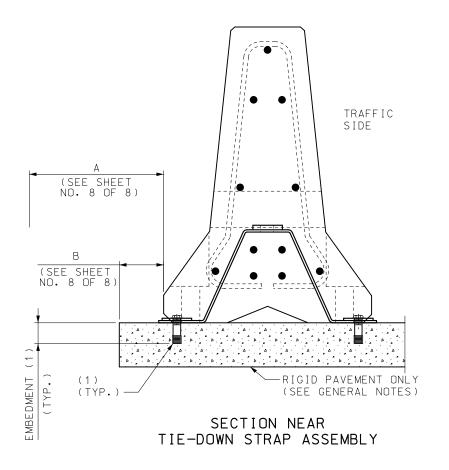
PART ELEVATION OF BARRIER

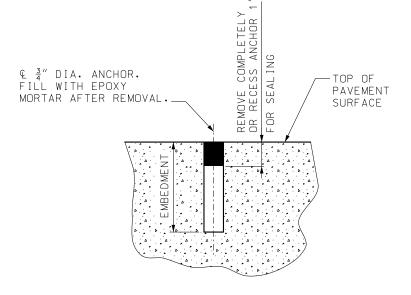
(1) TIE-DOWN STRAP ANCHOR SHALL BE ONE OF THE FOLLOWING:

 $\frac{3}{4}''$ DROP IN ANCHOR WITH A $3\frac{1}{4}''$ EMBEDMENT AND $\frac{3}{4}''$ DIA. X $1\frac{3}{4}''$ LONG GRADE 5 BOLT.

RED HEAD LARGE DIAMETER TAPCON (LDT) $\frac{3}{4}''$ X $4\frac{1}{2}''$ LONG WITH A 4'' EMBEDMENT.

SIMPSON TITEN HD $\frac{3}{4}$ " DIA. X 5" LONG WITH A 4½" EMBEDMENT.





DETAIL SHOWING SEALING OF HOLES AFTER REMOVAL OF TIE-DOWN BOLTS

GENERAL NOTES:

TIE-DOWN STRAP SYSTEMS ARE ONLY APPLICABLE ON RIGID PAVEMENTS.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD BEFORE ORDERING NEW MATERIAL.

SEE OTHER SHEETS FOR DETAILS NOT SHOWN.



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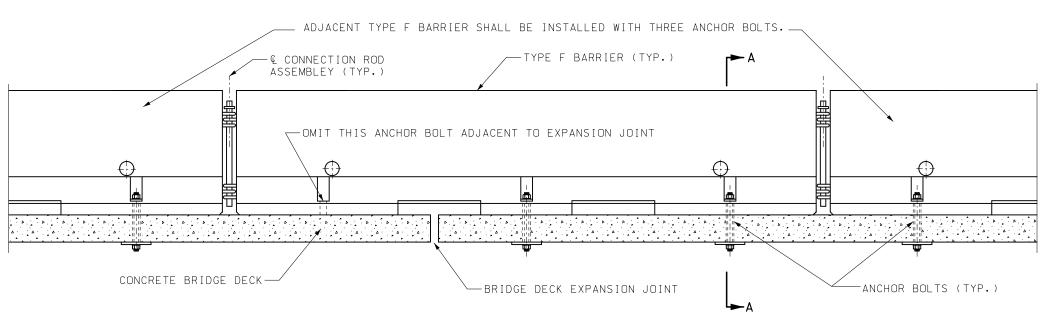
TEMPORARY CONCRETE TRAFFIC BARRIER

ANCHORED (TIE-DOWN STRAP SYSTEM)

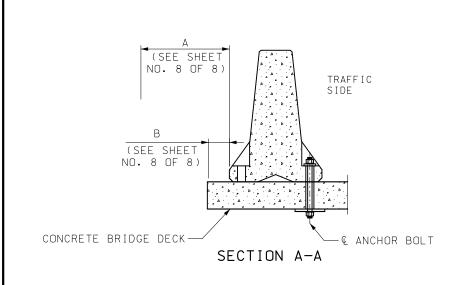
DATE EFFECTIVE: 01/01/2021 DATE PREPARED: 10/14/2020

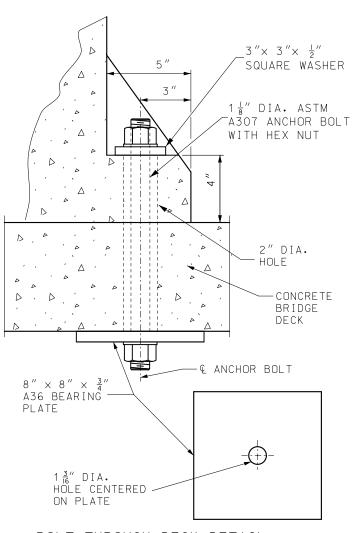
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SHEET NO. 5 OF 8



BOLT THROUGH DECK AT THERMAL EXPANSION JOINTS





BOLT THROUGH DECK DETAIL

GENERAL NOTES:

ANCHOR BOLT SYSTEMS ARE ONLY APPLICABLE ON BRIDGE DECKS AND RIGID PAVEMENTS.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD BEFORE ORDERING NEW MATERIAL.

SEE OTHER SHEETS FOR DETAILS NOT SHOWN.

AFTER REMOVAL OF ANCHOR BOLTS HOLES SHALL BE FILLED WITH QUALIFIED SPECIAL MORTAR IN ACCORDANCE WITH SEC 704 OR AN EPOXY BONDING AGENT IN ACCORDANCE WITH SEC 1039.



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TEMPORARY CONCRETE TRAFFIC BARRIER

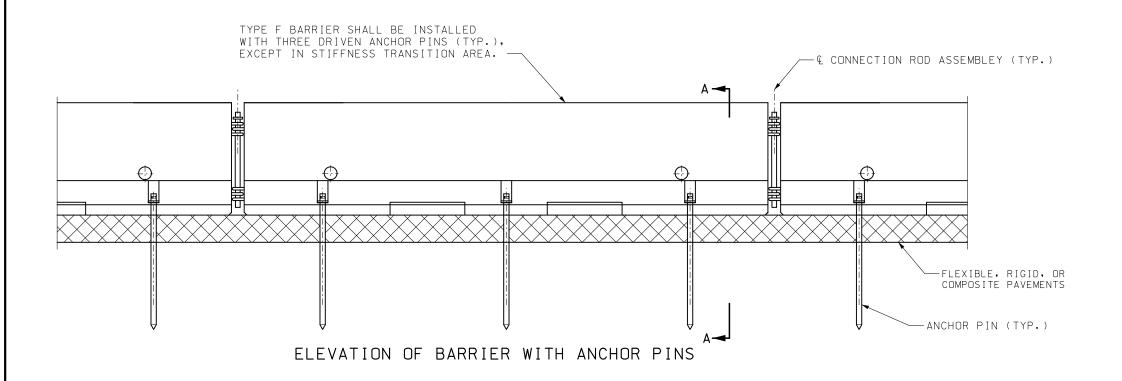
ANCHORED (BOLT SYSTEM)

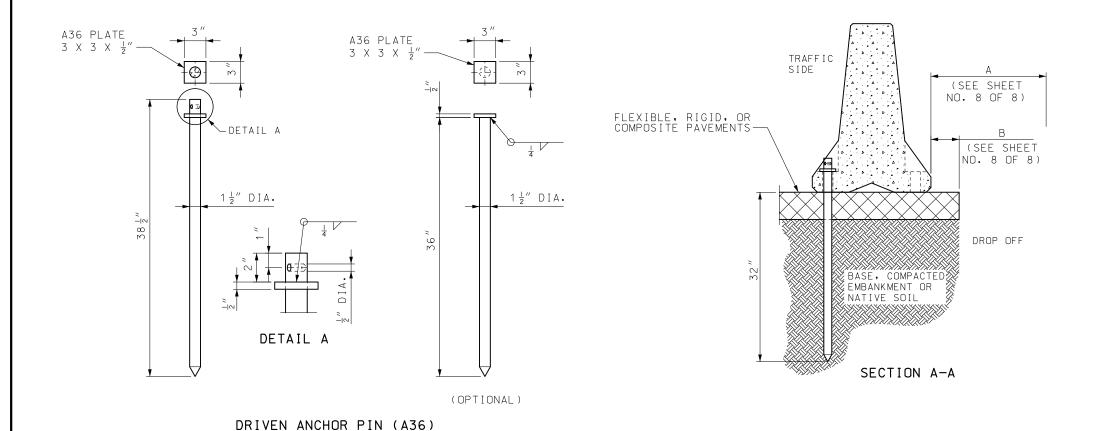
DATE EFFECTIVE: 01/01/2021

DATE PREPARED: 10/14/2020

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SHEET NO. 6 OF 8





GENERAL NOTES:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD BEFORE ORDERING NEW MATERIAL.

WHERE EXISTING FLEXIBLE PAVEMENT OR RIGID PAVEMENT IS NOT PRESENT A 2" THICK X 30" WIDE MINIMUM ASPHALT PAD SHALL BE CONSTRUCTED.

COST OF FURNISHING AND INSTALLING THE ASPHALT PAD COMPLETE-IN-PLACE WILL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.

SEE OTHER SHEETS FOR DETAILS NOT SHOWN.

AFTER REMOVAL OF ANCHOR PINS HOLES SHALL BE FILLED WITH QUALIFIED SPECIAL MORTAR IN ACCORDANCE WITH SEC 704.



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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TEMPORARY CONCRETE TRAFFIC BARRIER

ANCHORED (PIN SYSTEM)

DATE EFFECTIVE: 01/01/2021 DATE PREPARED: 10/14/2020

617.20F

SHEET NO. 7 OF 8

