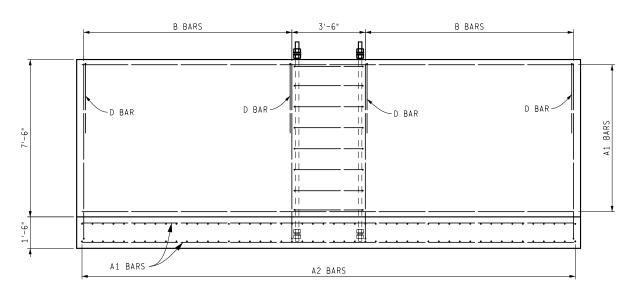


PLAN
SHOWING STEEL REINFORCEMENT



ELEVATION
SHOWING STEEL REINFORCEMENT

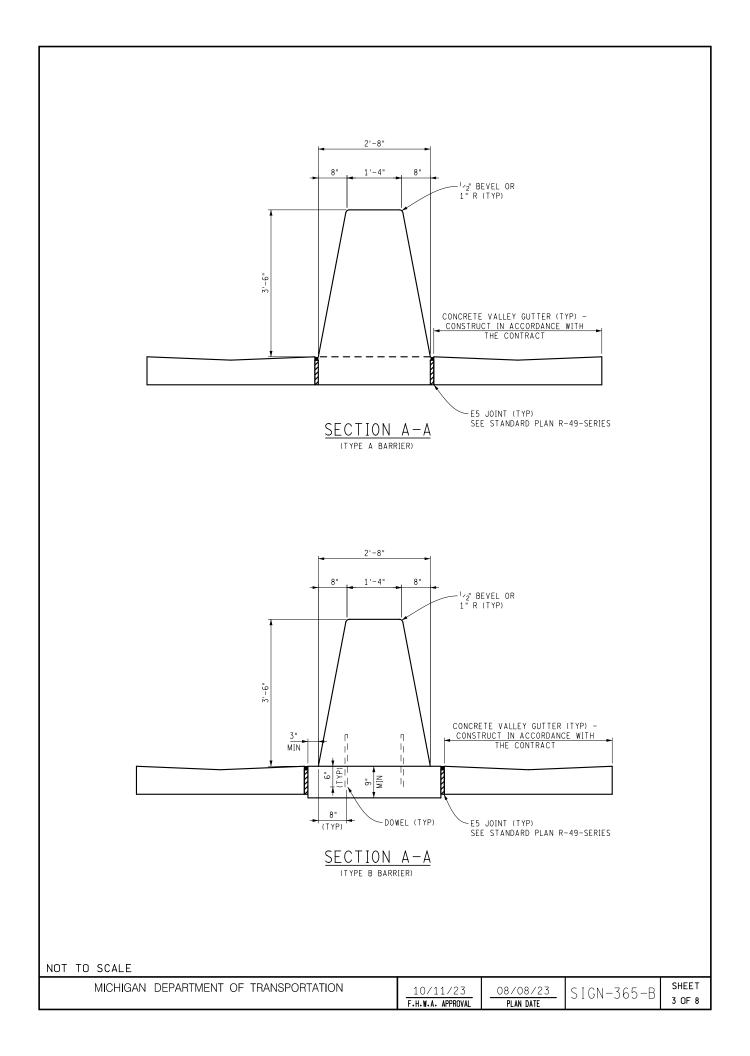
SHEET

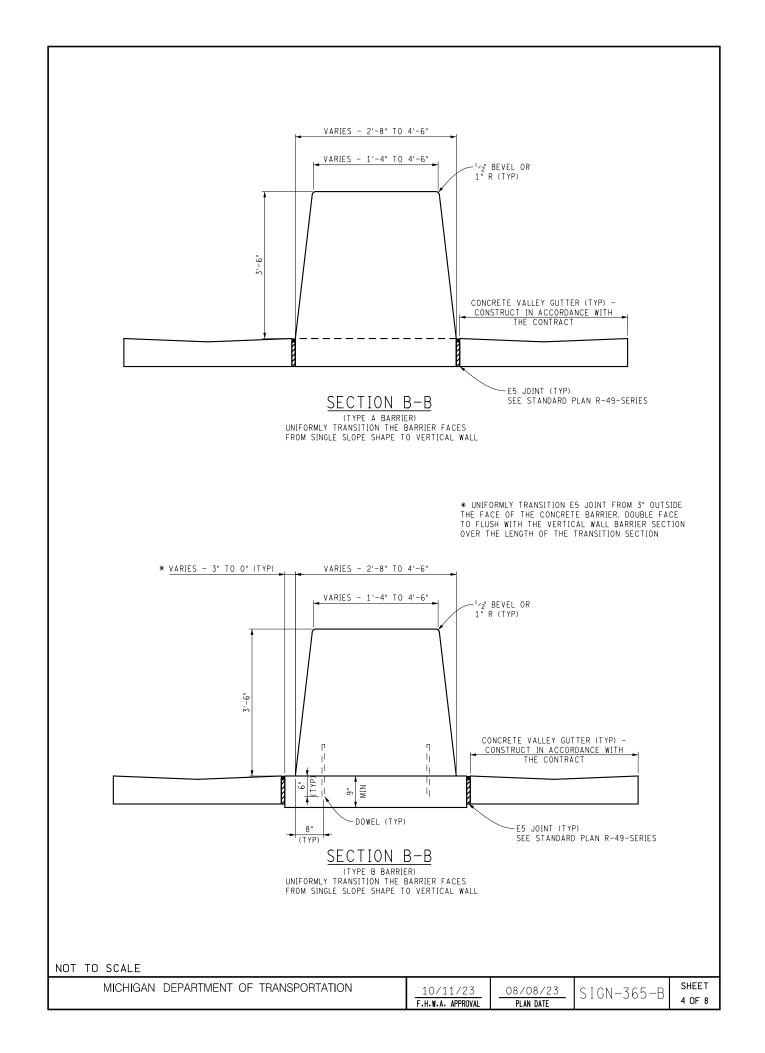
2 OF 8

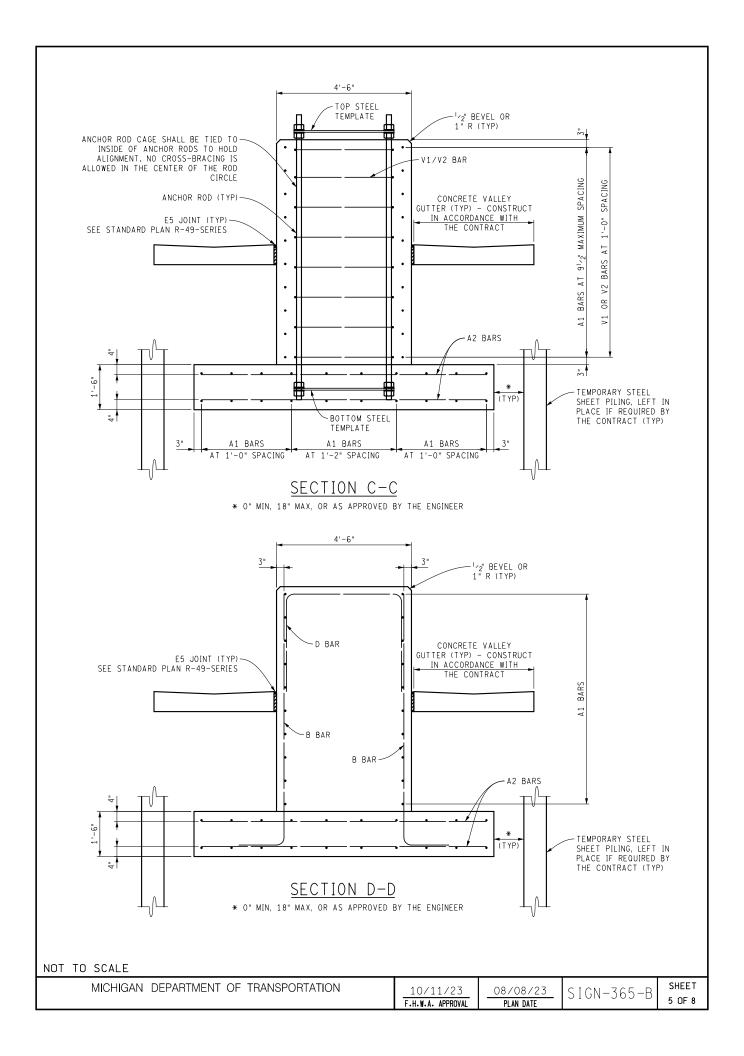
NOT TO SCALE

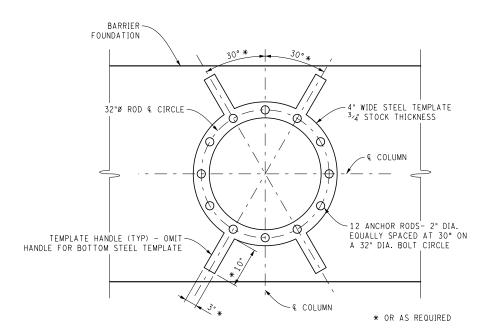
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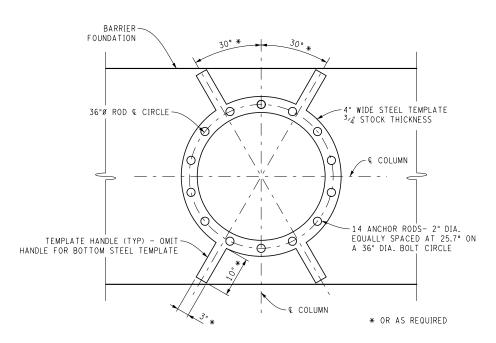






### PLAN VIEW TEMPLATE FOR TYPE E TRUSS 50' - 105'

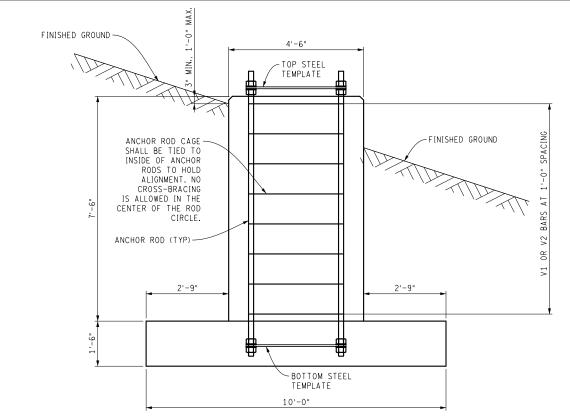
NOTE: OMIT TEMPLATE HANDLES ON BOTTOM STEEL TEMPLATES.



### PLAN VIEW TEMPLATE FOR TYPE E TRUSS 110' - 140'

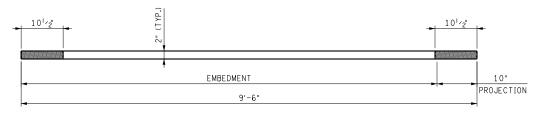
NOTE: OMIT TEMPLATE HANDLES ON BOTTOM STEEL TEMPLATES.

NOT TO SCALE

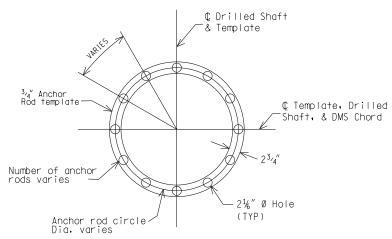


## CROSS SECTION AT SHOULDER

NOTE: SEE SECTION C-C AND D-D FOR ADDITIONAL INFORMATION.



# ANCHOR ROD DETAIL



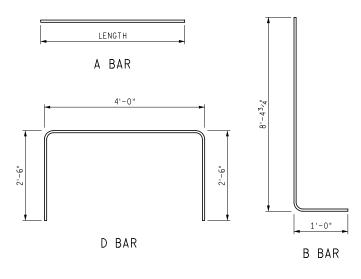
ANCHOR ROD TABLE				
STRUCTURE TYPE	PROJECTION	NUMBER REQ'D		
50' TO 105' TYPE E TRUSS	10"	12		
110' TO 140' TYPE E TRUSS	10"	1 4		

NUTS: 4 PER ANCHOR ROD WASHERS: 4 PER ANCHOR ROD

# BOTTOM ANCHOR ROD TEMPLATE DETAIL

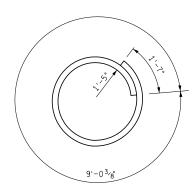
NOT TO SCALE

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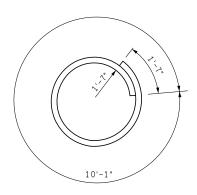


STEEL REINFORCEMENT (EPOXY COATED)				
BAR	BAR SIZE	LENGTH	NUMBER REQUIRED	WEIGHT (LBS)
A 1	#5	23'-6"	40	981
A2	#5	9'-6"	96	952
В	#6	9'-43/4"	52	734
D	#6	9'-0"	26	352
V 1	#4	10'-73/8"	8	57
٧2	#4	11'-8"	8	63

CONCRETE QUANTITIES			
FOOTING	13.4 CYD		
VERTICAL WALL SECTION	30.0 CYD		
TRANSITION SECTIONS (TYPE A)	19.4 CYD		
TRANSITION SECTIONS (TYPE B)	20.1 CYD		



V1 BAR NOTE: USE WITH 32" DIA. ROD CIRCLE.



V2 BAR
NOTE: USE WITH 36" DIA. ROD CIRCLE.

#### NOTES:

TEMPLATES MAY USE MULTIPLE PIECES JOINED BY TWO-SIDED COMPLETE JOINT PENETRATION WELDS, WITH WELDS AT LEAST 2" CLEAR OF ROD HOLES.

THE DESIGN OF THIS FOUNDATION IS BASED ON THE AASHTO LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. 1ST EDITION. WITH INTERIM REVISIONS THROUGH 2022.

USE OF THESE DETAILS IS ONLY PERMITTED FOR FINISHED GRADES OF 1:3 OR FLATTER.

FOR SLOPES OF 1:6 OR FLATTER, DO NOT USE THIS FOOTING ON COHESIVE SOIL THAT HAS AN UNDRAINED SHEAR STRENGTH (Su) OF LESS THAN 1250 PSF.

FOR SLOPES BETWEEN 1:3 TO 1:6, DO NOT USE THIS FOOTING ON COHESIVE SOIL THAT HAS AN UNDRAINED SHEAR STRENGTH (Su) OF LESS THAN 1750 PSF.

DO NOT USE THIS FOOTING ON GRANULAR SOIL WITH STANDARD PENETRATION TEST NGO-VALUES LESS THAN 5.

IF STEEL SHEET PILING IS REQUIRED FOR CONSTRUCTION OF THE FOUNDATION, THEN STEEL SHEET PILING, TEMP, LEFT IN PLACE WILL BE PAID FOR SEPARATELY. THE STEEL SHEET PILING MUST BE LEFT IN PLACE AND CUT OFF 1' BELOW FINISHED GROUND.

A  $3^{1}$ /2" SUBFOOTING MAY BE REQUIRED IF THE WATER TABLE IS HIGH OR WATER SEEPAGE INTO THE FOUNDATION EXCAVATION IS EXPECTED. THE CONCRETE FOR THE SUBFOOTING WILL BE PAID FOR SEPARATELY USING THE APPROPRIATE PAY ITEMS.

DIAMETER OF ROD HOLES IN TEMPLATES SHALL BE  $^{12}{\rm I6}^{\circ}$  LARGER THAN ANCHOR ROD DIAMETER.

DO NOT HAMMER ON ANCHOR RODS OR TEMPLATES.

AFTER THE TOP STEEL TEMPLATE IS REMOVED, THREAD NUTS ON TO ROD FLUSH WITH THE ROD END TO PROTECT THREADS UNTIL TRUSS IS ERECTED.

NOT TO SCALE

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