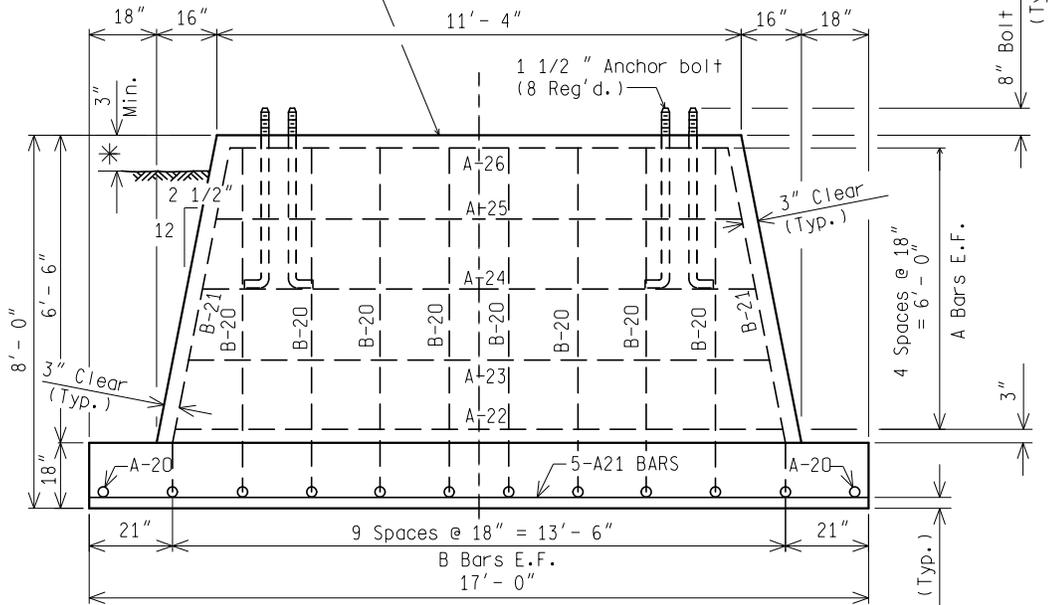


**PLAN**

1 1/2" Bevel on all exposed concrete edges (Typ.)

DIRECTION OF TRAFFIC



**ELEVATION**

TO BE USED FOR MAINTENANCE PURPOSES ONLY

12.82 cu.yd. Conc.  
373 lbs Reinf. steel

\*The top of foundation shall be 3" (± 1") above the finished grade around the perimeter of the footing. The maximum slope along the width of the footing shall be 1 on 2.

Steel Reinforcement			
Bar	Size	Dimensions	No. Req.
A-20	#4	5' - 0"	2
A-21	#4	16' - 6"	5
A-22	#4	13' - 5"	2
A-23	#4	12' - 9"	2
A-24	#4	12' - 2"	2
A-25	#4	11' - 6"	2
A-26	#4	10' - 11"	2
B-20	#5	7' - 6"   3' - 6"	16
B-21	#5	7' - 7"   3' - 6"	4



PREPARED BY  
DESIGN DIVISION

DRAWN BY: DHD

CHECKED BY: AJU

DEPARTMENT DIRECTOR  
Kirk T. Steudle

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF HIGHWAY DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

**TRUSS FOUNDATION  
TYPE D**

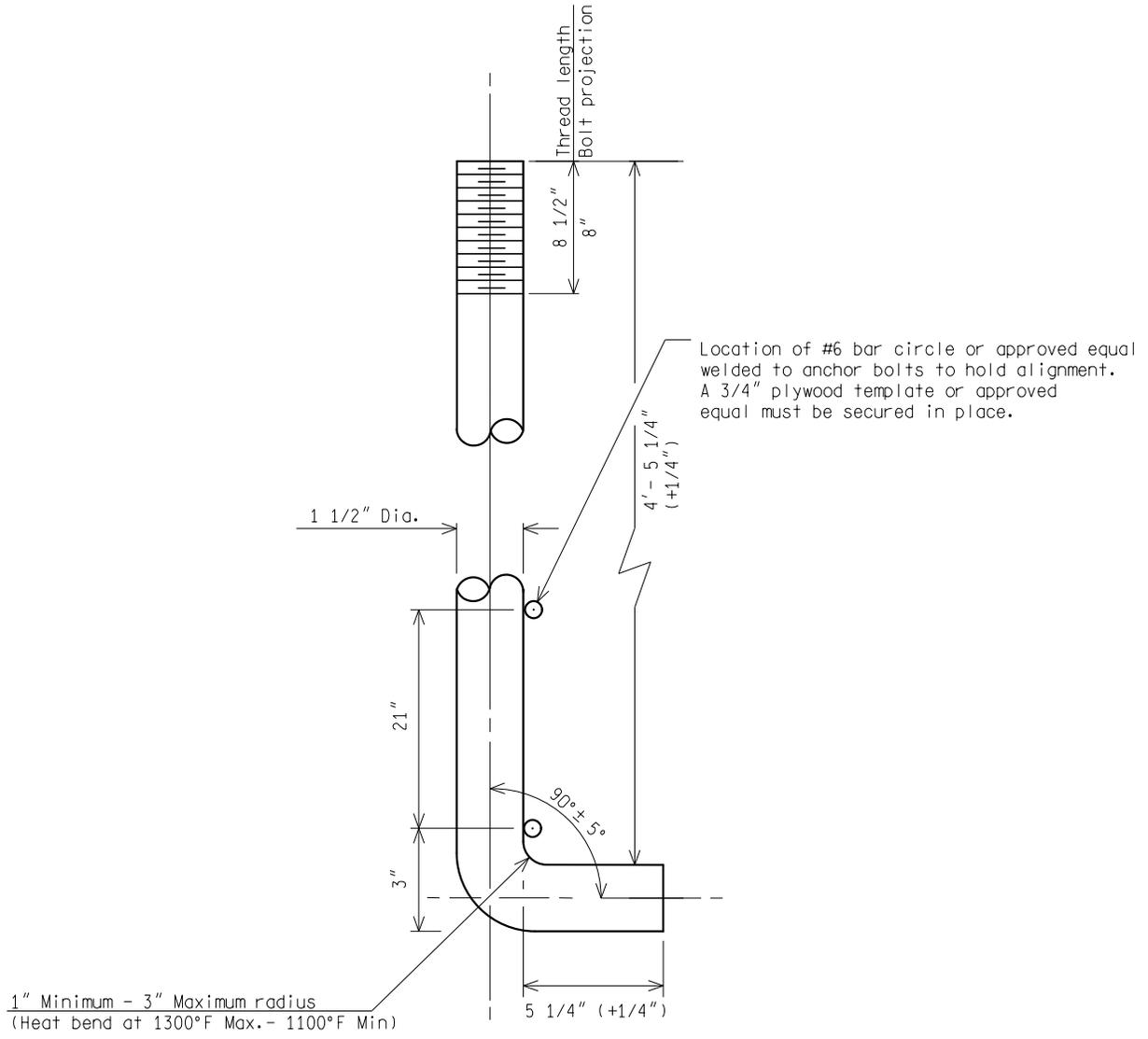
(SPECIAL DETAIL)  
F.H.W.A. APPROVAL

12/17/13  
PLAN DATE

SIGN-610-B

SHEET  
1 OF 3

Anchor bolts: 1 1/2" Dia. (8) per foundation  
 Nuts: 2 - 1 1/2" Dia. heavy hex. per anchor bolts  
 Washers: 2 - 1 1/2" Dia. standard flat per anchor bolts



**DETAIL OF ANCHOR BOLT**

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN	(SPECIAL DETAIL) F.H.W.A. APPROVAL	12/17/13 PLAN DATE	SIGN-610-B	SHEET 2 OF 3
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NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.

NOTES:

1. Top of concrete shall be 3" min. above ground.
2. Anchor bolts shall be carefully set and held vertical at the correct location and at the proper elevation with a 3/4" plywood (or approved equal) template until concrete has set. Each set of four bolts shall be tied together by welding into a basket with #6 bar circle or approved equal along with securing a 3/4" plywood (or approved equal) template in place prior to being approved for shipping.
3. Anchor bolts, nuts, and washers shall be per section 908.14 of the MDOT Standard Specifications for Construction. A minimum of 3 threads shall show above the top of nut after tightening.
4. For truss foundation in concrete barrier, double face, refer to road standard plan R-51-Series.

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN	(SPECIAL DETAIL) F.H.W.A. APPROVAL	12/17/13 PLAN DATE	SIGN-610-B	SHEET 3 OF 3
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