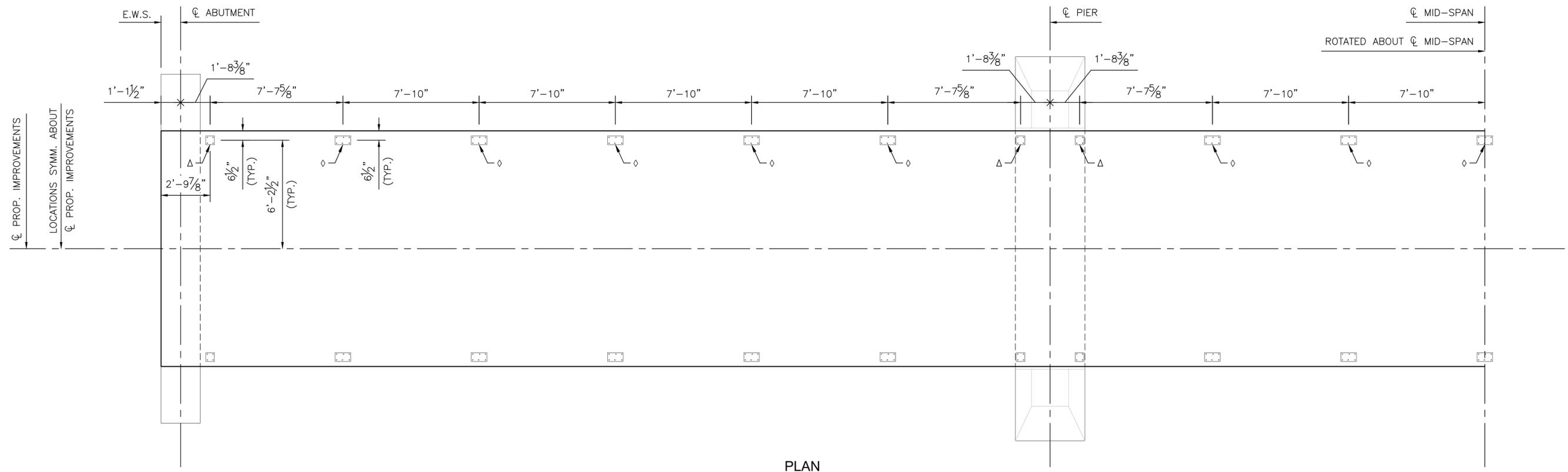


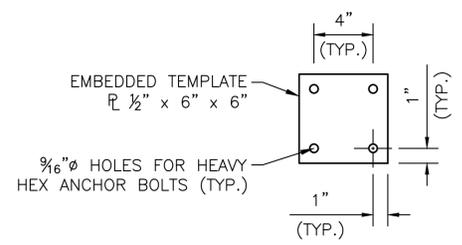
PLOTTED: Friday, August 01, 2025 @ 02:48PM

J:\PROJECTS\2023\20230810\10431\_COW\_WDG\_BRIDGE REPLACEMENT AT 15TH STREET\100-230431\_CAD\SHOTS\06\_CIVIL\BRIDGE\230431\_RAIL PLATE EMBEDMENT DETAILS.DWG

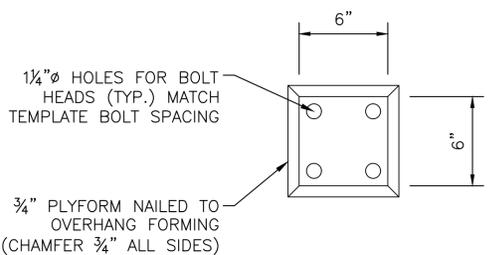


PLAN

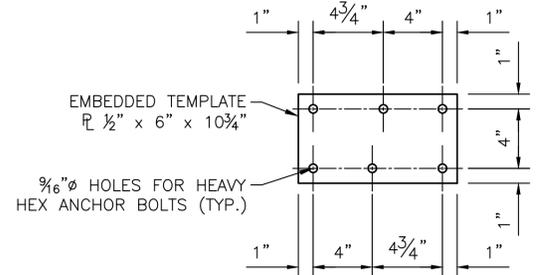
(ALL TEMPLATE PLATE LOCATION DIMENSIONS ARE TO CENTER OF PLATES)



4-BOLT TEMPLATE

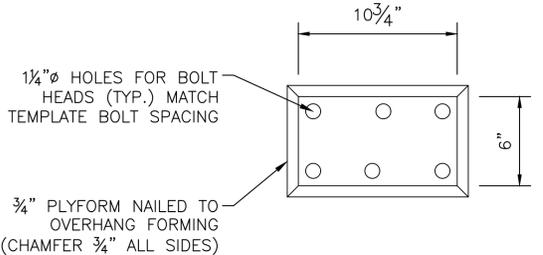


4-BOLT FORM



6-BOLT TEMPLATE

(SEE NOTE 3)



6-BOLT FORM

TEMPLATE PLATE QUANTITIES	
Item	Structural Steel (A709)(GR 36) Lbs.
4-Bolt Template Plate*	62
6-Bolt Template Plate*	274
<b>Total</b>	<b>336</b>

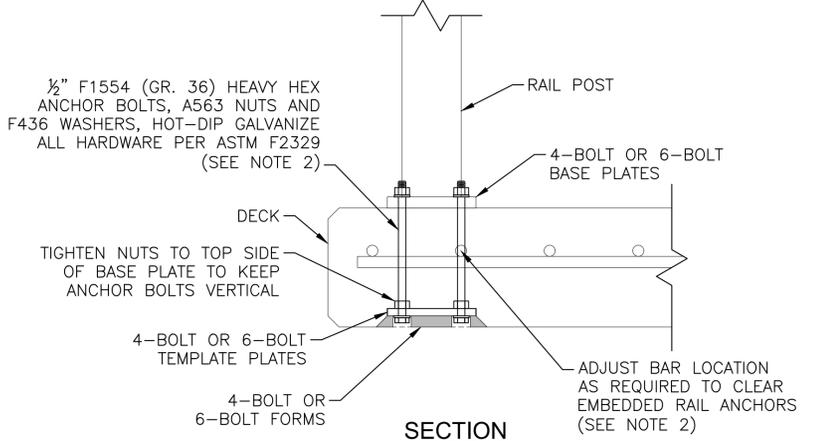
\*Included in Superstructure total, See Sheet 32.

LEGEND

- △ 4-BOLT TEMPLATE/FORM
- ◇ 6-HOLE TEMPLATE/FORM

NOTES

1. CONTRACTOR HAS THE OPTION TO PROVIDE TOP TEMPLATES OF ANY MATERIAL TO MAINTAIN ANCHOR ORIENTATION AND SPACING. ANCHOR BOLT THREADS ABOVE TOP OF DECK SURFACE TO BE PROTECTED FROM CONCRETE DURING DECK CASTING OPERATIONS.
2. ADJUST LONGITUDINAL REINFORCING ONLY AS REQUIRED TO CLEAR ANCHOR BOLTS. TIE THE BOLTS TO REINFORCING BARS TO PREVENT MOVEMENT DURING DECK CASTING.
3. 6-BOLT TEMPLATE AS DETAILED IS SHOWN WITH TOP SIDE OF PLATE UP. THESE TEMPLATES MUST BE SET AT THIS ORIENTATION AT ALL LOCATIONS TO MATCH FABRICATED RAIL SECTIONS AFTER DECK IS CAST.
4. TEMPLATE PLATES TO BE PAINTED TO MATCH OTHER STRUCTURAL STEEL FOR THE PROJECT.
5. 4-BOLT AND 6-BOLT PLYFORMS SHALL BE SUBSIDIARY TO THE BID ITEM "CONCRETE (GRADE 4.0)(AE)(SA)(MPC)".
6. ALL RAIL HARDWARE FASTENED TO TEMPLATES SHALL BE SUBSIDIARY TO THE BID ITEM "STRUCTURAL STEEL (A709)(GR 36)".



SECTION



**IMPROVEMENT PLANS FOR**  
**15TH STREET BRIDGE OVER THE**  
**WICHITA DRAINAGE CANAL**  
 WICHITA, KS

TEMPLATE PLATE EMBEDMENT DETAILS

PROJECT NO.	472-2023-085864	
SCALE	NTS	
DRAWN	DESIGNED	CHECKED
RAM	DMU	JTH
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	8-1-2025