

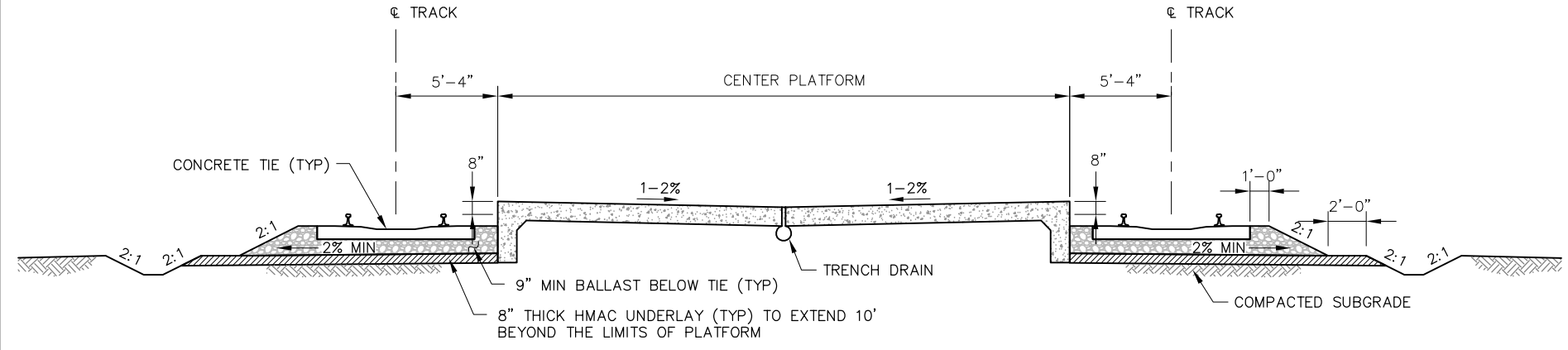
ON BRIDGES

NOTES ON BRIDGES:

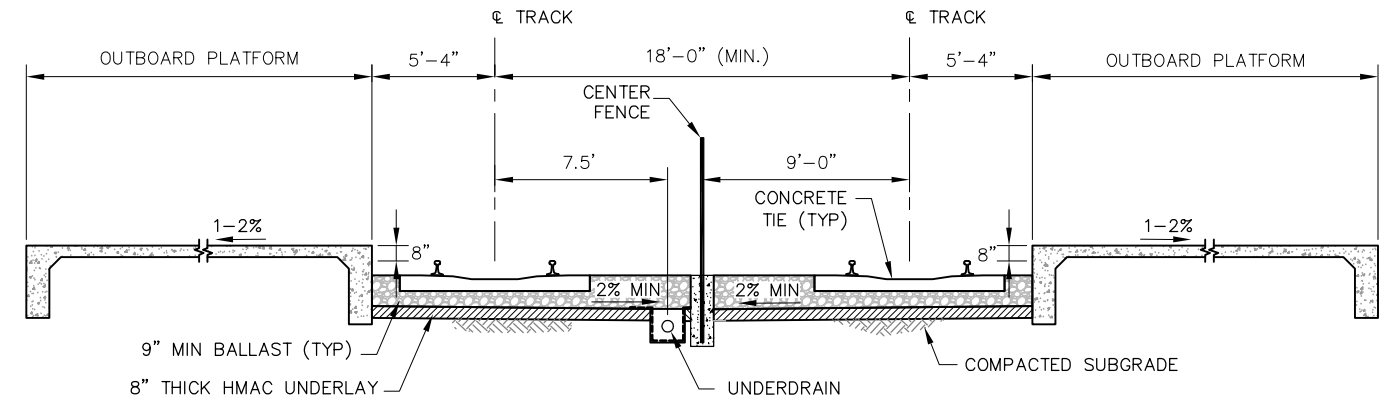
1. TRANSITION TIES (10'-LONG TIMBER TIES) ARE USED TO BRIDGE HIGH MODULUS TRACK (THROUGH BRIDGE DECK) AND THE MAIN LINE ON SUBGRADE. SEE SD-2213 AND SD-2214 FOR TIES IN TRANSITION ZONE
2. HMAC UNDERLAYMENT AT APPROACHES IS TO MINIMIZE LOCAL SETTLEMENT DUE TO DIFFERENCE IN TRACK MODULUS
3. TO FURTHER MINIMIZE LOCAL SETTLEMENT AT APPROACHES, BALLAST DEPTH AT APPROACHES SHALL NOT BE MORE THAN 18"
4. CALTRAIN WILL DETERMINE TYPE OF TIES ON BRIDGE DURING DESIGN
5. TIE PAD, WATERPROOFING, AND DECK DRAINAGE NOT SHOWN FOR CLARITY
6. HMAC WILL BE REQUIRED AT LOCATIONS WHERE THE DISTANCE BETWEEN HMAC UNDERLAYMENTS UNDER TRACKS IS LESS THAN 200 FT MEASURED LONGITUDINALLY ALONG THE TRACK

NOTES:

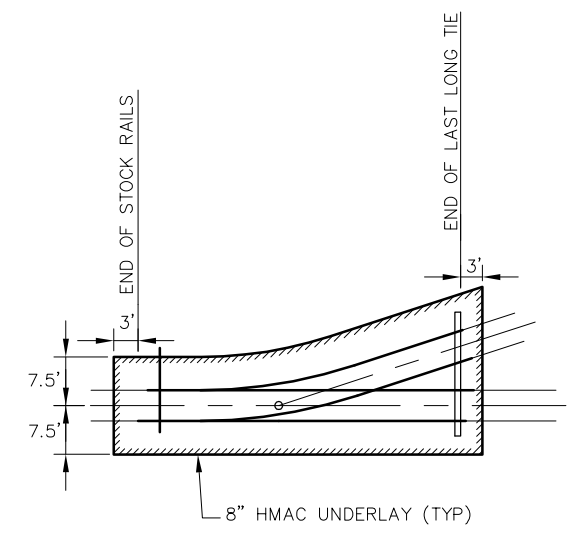
1. 8" THICK HMAC UNDERLAYMENT IS REQUIRED AT LOCATIONS:
 - BRIDGE APPROACHES
 - AT-GRADE CROSSINGS
 - SPECIAL TRACKWORK
 - STATIONS
 - POOR SUBGRADE
2. SEE SD-2153 FOR DETAILS ON HMAC UNDERLAYMENT FOR AT-GRADE CROSSINGS



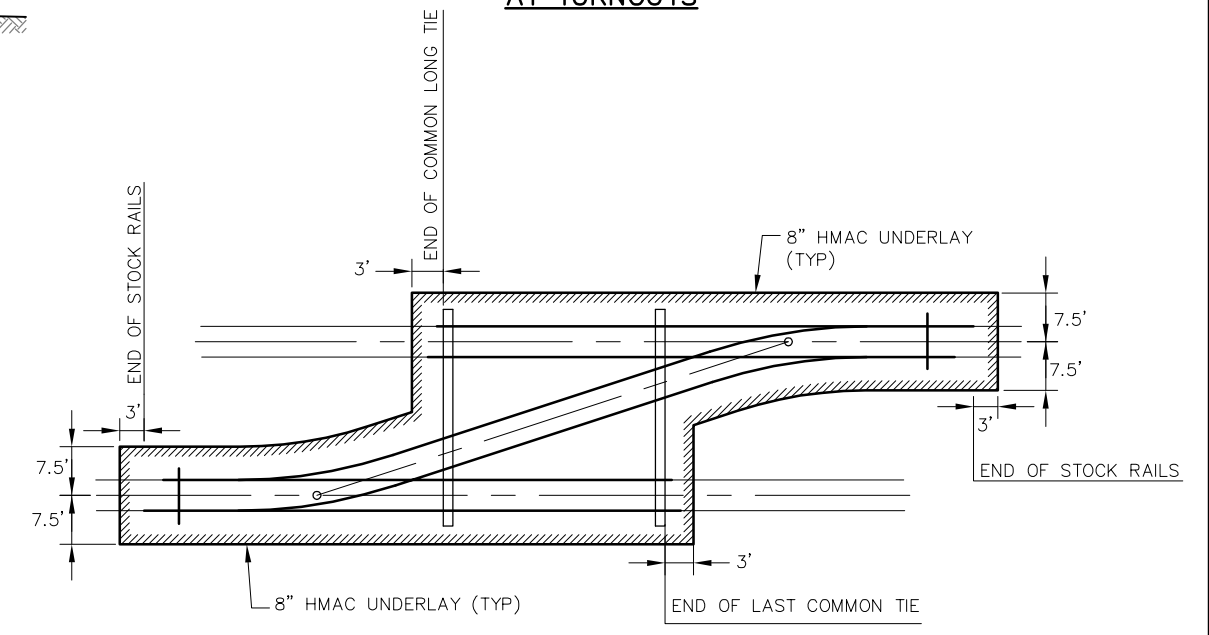
AT STATIONS (CENTER ISLAND PLATFORM)



AT STATIONS (OUTBOARD PLATFORM)



AT TURNOUTS



AT CROSSOVERS

REV	DATE	BY	CHK	APP	DESCRIPTION

PENINSULA CORRIDOR JOINT POWERS BOARD

APPROVED BY:




ENGINEERING MANAGER DEPUTY DIRECTOR OF ENGINEERING



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STANDARD DRAWINGS

TRACK
ROADBED SECTIONS
HMAC UNDERLAYMENT

CADD FILE NO.: SD-2154	
REV 0	DATE 093011
TRACK	
STANDARD NO.: SD-2154	