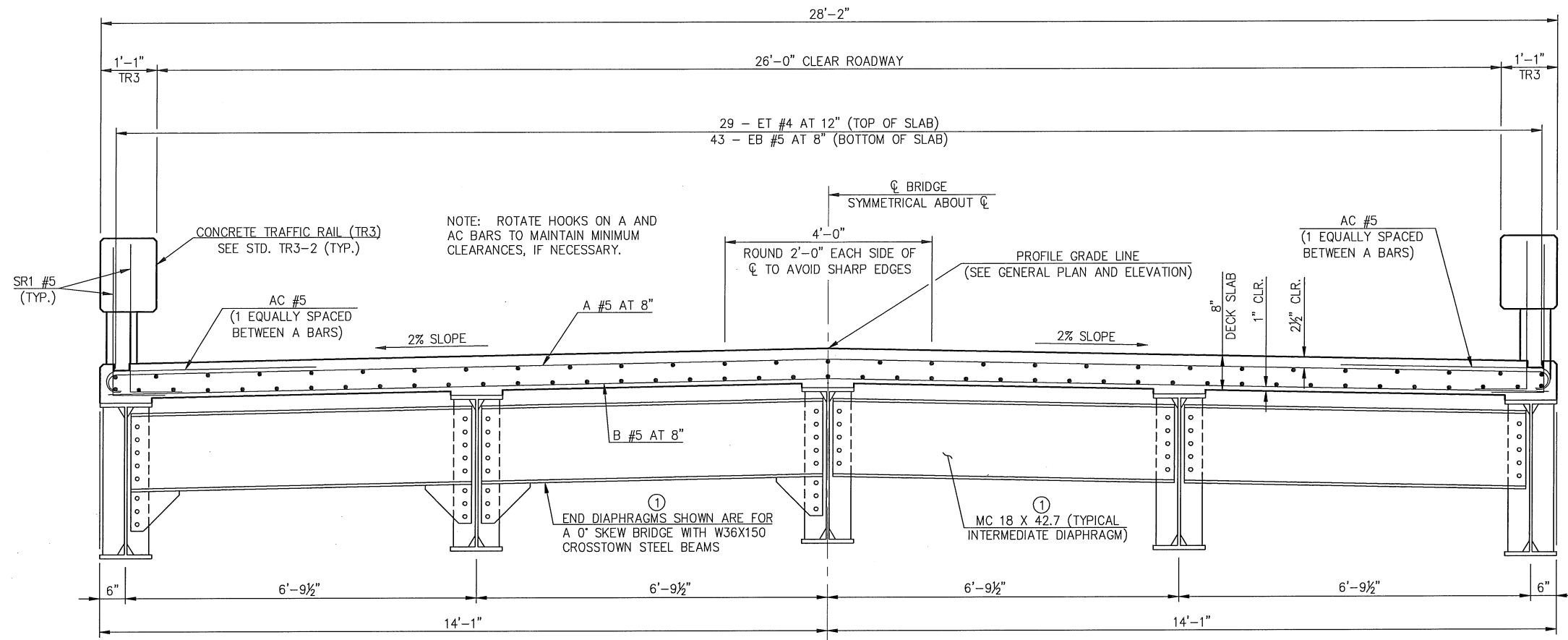


Monday, November 30, 2015 7:22:48 AM
V:\15-963N Deep Seat Abutments & SS Standards\STRUCTURAL\DWG\CED1-STD-SUPERSTRUCTURE.dwg



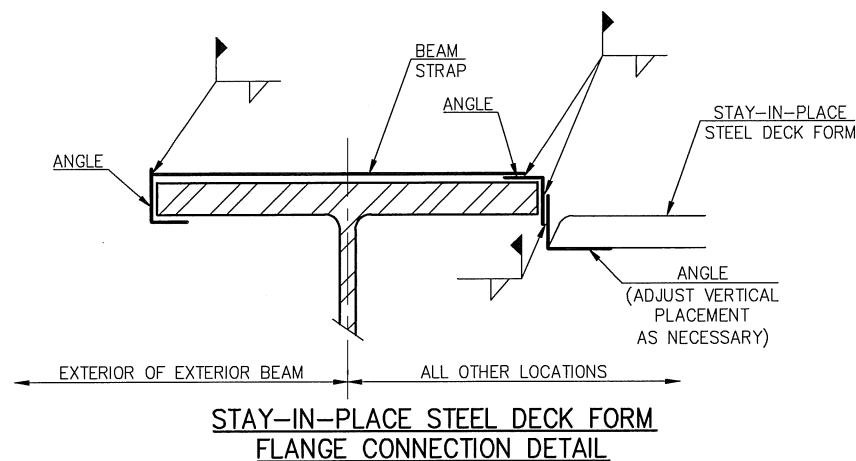
HALF SECTION AT END DIAPHRAGM

HALF SECTION AT INTERMEDIATE DIAPHRAGM

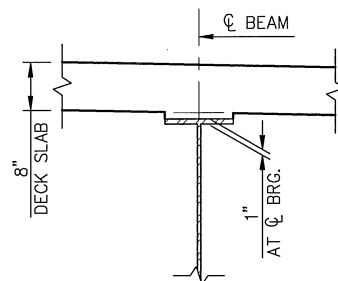
TYPICAL CROSS SECTION

W36X150 CROSSTOWN STEEL BEAMS WITH 0° SKEW SHOWN.

- ① SEE STANDARD CTSBSTD-DIAPH-7FT..10FT-SK0 OR STANDARD CTSBSTD-DIAPH-7FT..10FT-SK30, AS APPROPRIATE, FOR DETAILS OF BEARING STIFFENERS, INTERMEDIATE DIAPHRAGM STIFFENERS, END DIAPHRAGMS AND INTERMEDIATE DIAPHRAGMS FOR EACH BEAM SIZE.



NOTE:
DO NOT WELD TO THE TOP FLANGE OR STUDS. REPORT ANY ARC STRIKE, WELD SPLATTER, OR WELDING ON TOP FLANGE TO BRIDGE ENGINEER IMMEDIATELY.



NOTE:
HAUNCH HEIGHT SHOWN IS AT CENTERLINE OF BEARING ONLY, MEASURED FROM BOTTOM OF DECK SLAB TO TOP OF BEAM AND VARIES ACROSS THE SPAN. HAUNCH HEIGHT TO BE DETERMINED AFTER ERECTION OF BEAMS TO PROVIDE FOR DEAD LOAD DEFLECTION AND GRADE ADJUSTMENT.

NOTES:

STAY-IN-PLACE STEEL DECK FORMS MAY BE USED IF THE MINIMUM DECK SLAB THICKNESS OF 8" IS OBTAINED BY MEASURING FROM THE TOP OF THE DECK SLAB TO THE TOP PORTION OF THE STEEL CORRUGATION. NO ADDITIONAL CONCRETE WEIGHT OF THE DECK SLAB IS PERMITTED. ADDITIONAL STEEL WEIGHT OF THE DECK FORMS SHALL NOT EXCEED 5 PSF.

ALL COSTS ASSOCIATED WITH THE USE OF STAY-IN-PLACE FORMS, INCLUDING ALL PROFESSIONAL SERVICES, MATERIAL, LABOR, EQUIPMENT, AND INCIDENTALS SHALL BE AT THE CONTRACTOR'S EXPENSE. FOR ADDITIONAL INFORMATION CONCERNING THE USE OF STAY-IN-PLACE FORMS, SEE SECTION 502 OF THE STANDARD SPECIFICATIONS.

IN THE EVENT OF AN EMERGENCY, POURING OF THE DECK SLAB MAY BE HALTED WITH A CONSTRUCTION JOINT MADE PERPENDICULAR TO THE DIRECTION OF TRAFFIC AS DIRECTED BY THE ENGINEER. ALL LONGITUDINAL REINFORCING STEEL SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS. NO HEAVY EQUIPMENT WILL BE PERMITTED ON THE FINISHED DECK SLAB WITHIN 5'-0" OF ANY CONSTRUCTION JOINT UNTIL THE DECK SLAB IS IN PLACE ON BOTH SIDES OF THE RESPECTIVE JOINT.

DO NOT SAW-CUT GROOVE THE DECK SLAB WITHIN 6" OF ANY CONSTRUCTION JOINT.

Michael B. Simmons
24576
11/30/2015

DESIGN	MBS	7/15	CED1 & CED8 STANDARDS
DETAIL	SLP	7/15	
CHECK	MBS	7/15	
GUY ENGINEERING SERVICES, INC.			TYPICAL CROSS SECTION
STANDARDS FOR SINGLE SPAN BRIDGES WITH CROSSTOWN STEEL BEAMS, 7' OR 10' DEEP SEAT CONVENTIONAL ABUTMENTS, 26' CLEAR ROADWAY			
2009 SPECIFICATIONS		CTSBSTD-TYPSECT-7FT..10FT-SK0..30	