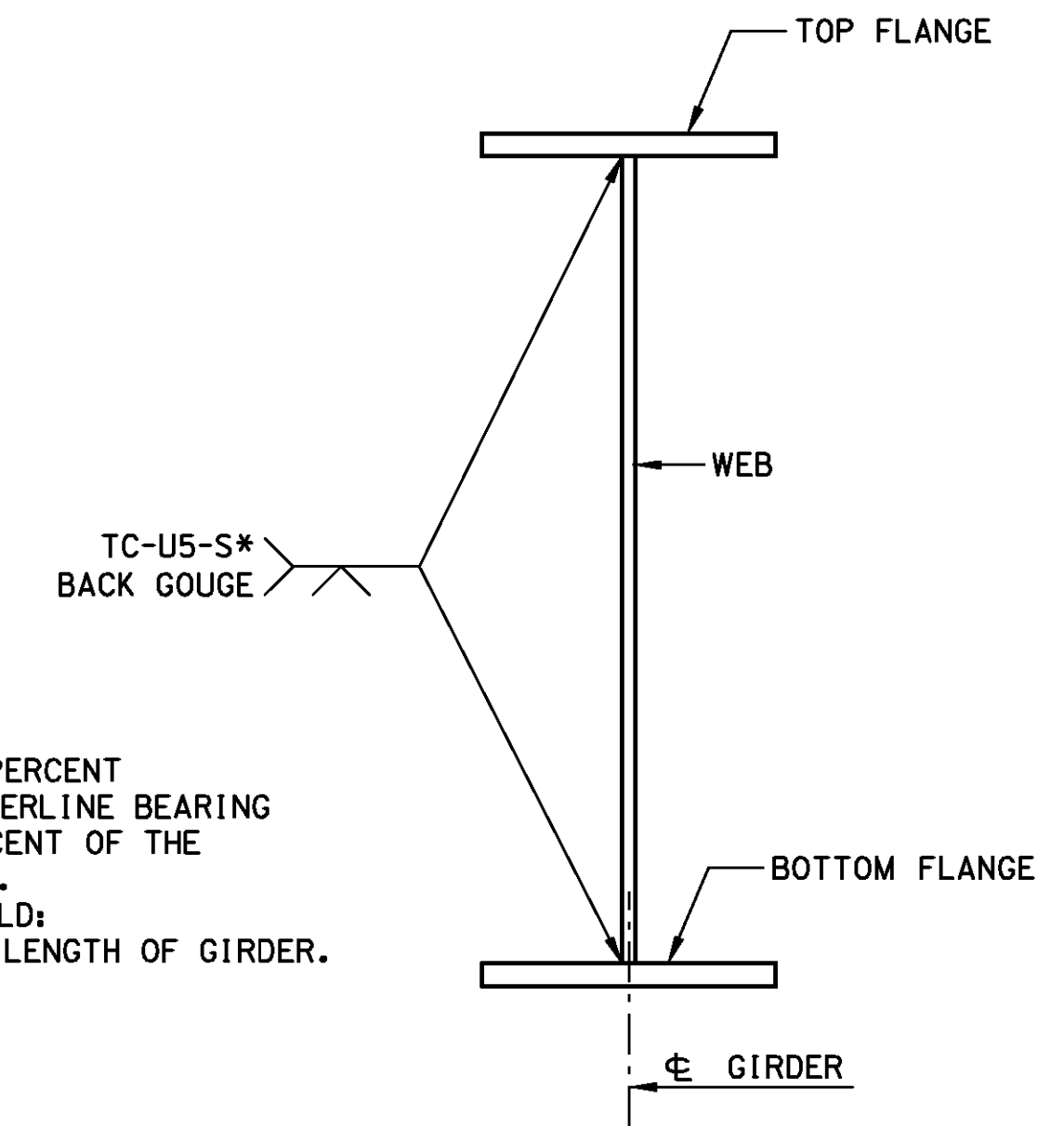


BEAM/GIRDER ELEVATION DIMENSIONS (mm)																				
GIRDER	SPAN 1 (NOTE 1)				SPAN 2 (NOTE 2)				SPAN 3				SPAN 4				SPAN 5			
	B11	B12	B13	B14	B21	B22	B23	B24	G31	G32	G33	G34	G41	G42	G43	G44	G51	G52	G53	G54
L	9228	9243	9257	9272	12789	12796	12804	12811	13900	13900	13900	13900	14533	14533	13272	13272	17030	17030	17030	17030
GIRDER	SPAN 6				SPAN 7				SPAN 8 (NOTE 2)				SPAN 9 (NOTE 2)				SPAN 10 (NOTE 1)			
	G61	G62	G63	G64	G71	G72	G73	G74	B81	B82	B83	B84	B91	B92	B93	B94	B101	B102	B103	B104
L	17026	17016	17026	17016	17015	16979	18146	18109	12851	12817	12783	12748	12851	12817	12783	12748	9287	9262	9238	9214

NOTES:
 1. ALL BEAMS ARE W920 x 417 (FCM)
 2. ALL BEAMS ARE W920 x 585 (FCM)



* TOP FLANGE TO WEB WELD:
 UT 100 PERCENT OVER 10 PERCENT
 OF LENGTH FROM EACH CENTERLINE BEARING
 INTO SPAN AND UT 10 PERCENT OF THE
 REMAINING IN-SPAN LENGTH.
 BOTTOM FLANGE TO WEB WELD:
 UT 100 PERCENT COMPLETE LENGTH OF GIRDER.

GIRDER FLANGE-TO-WEB DETAIL
 NOT TO SCALE

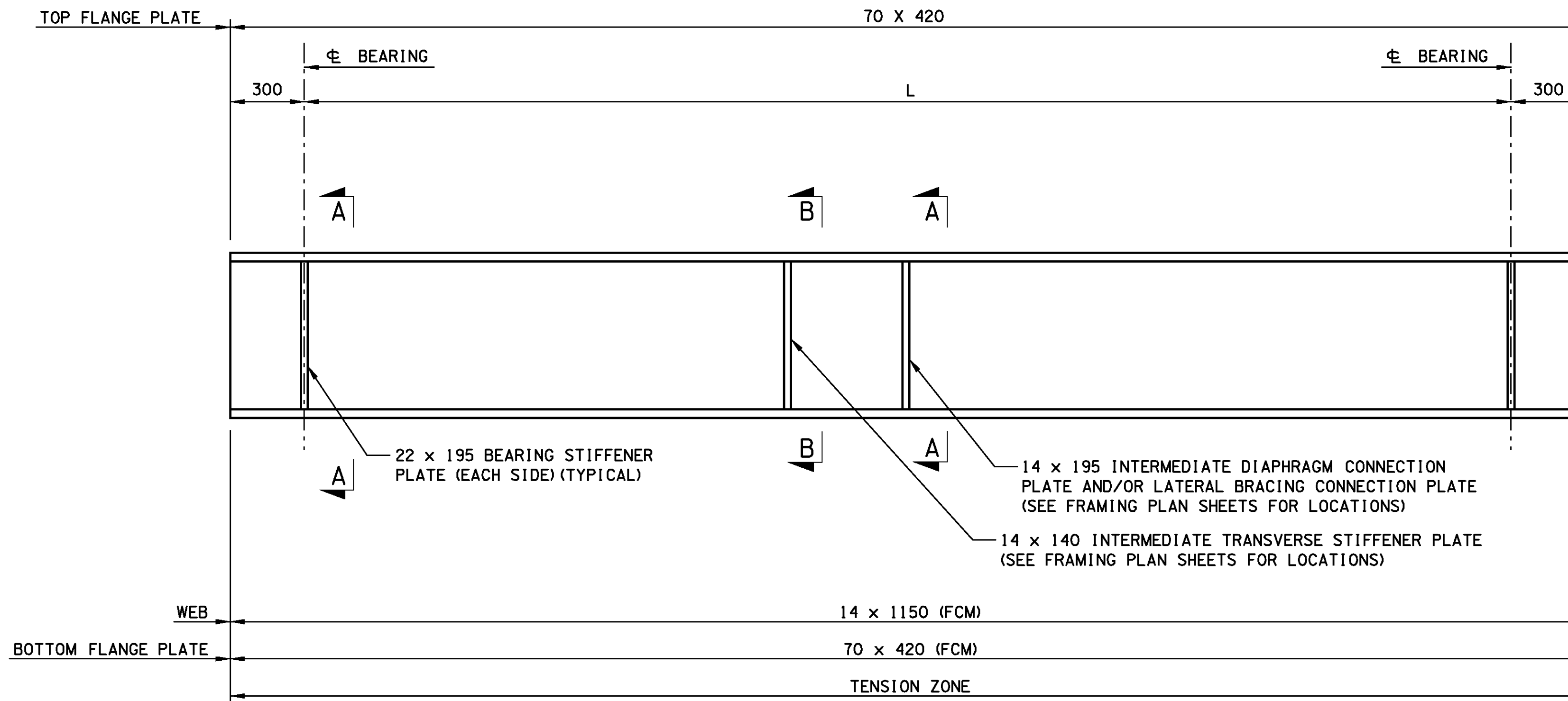
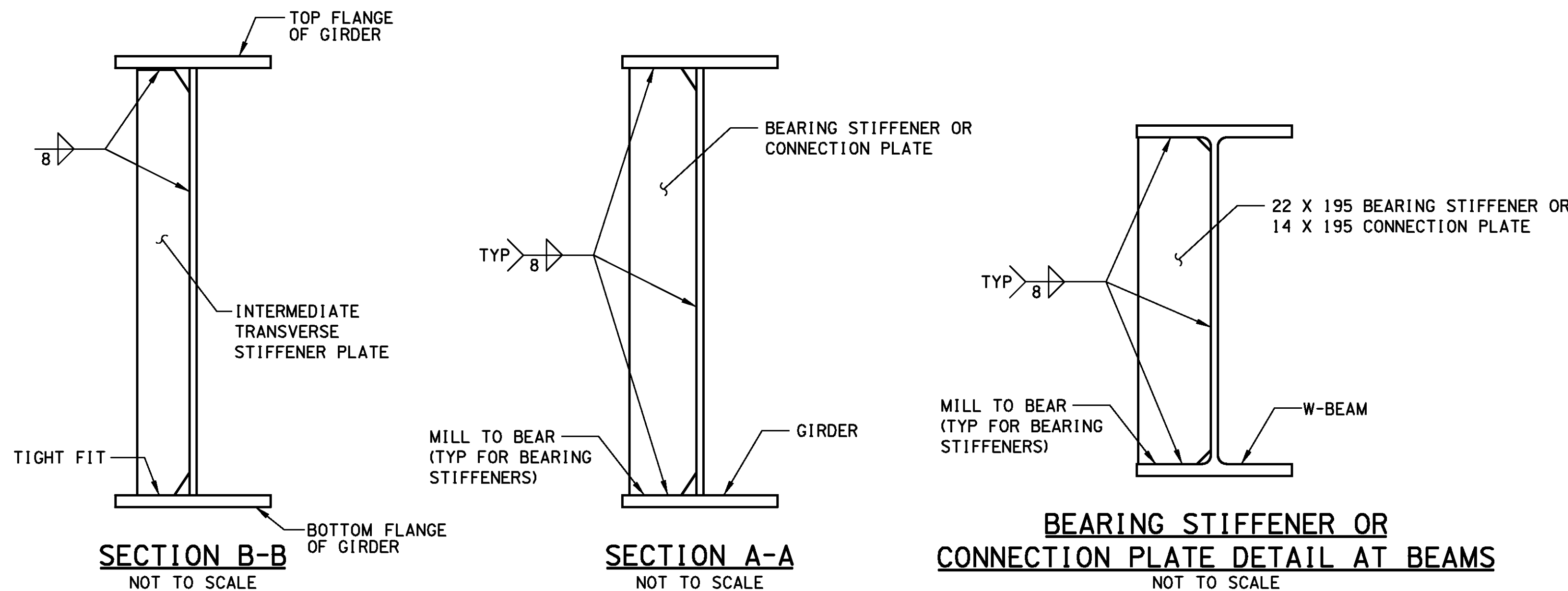


PLATE GIRDER ELEVATION
SPANS 3 THRU 7 (W-BEAMS SIMILAR)
 NOT TO SCALE

FRAMING NOTES:

- GUSSET PLATES USED TO CONNECT LATERAL BRACING NOT SHOWN. FOR DETAILS SEE LATERAL BRACING DETAILS SHEET.
- UNDER FULL DEAD LOAD BEAM ENDS AND ALL BEARING STIFFENERS ARE VERTICAL TO WITHIN APPLICABLE A.R.E.M.A. FABRICATION AND CONSTRUCTION TOLERANCES.
- DIRECTION OF WELDS IS NOT APPLICABLE IF STIFFENERS ARE FITTED WITH TACK WELDS.
- BEARING AREAS: PROVIDE BOTTOM FLANGE IN A TRUE HORIZONTAL PLANE IN TRANSVERSE DIRECTION AND IN A TRUE PLANE LONGITUDINALLY OVER DIMENSION 'L', WHERE L = WIDTH OF SOLE PLATE + 150 MILLIMETERS AHEAD AND BACK. PROVIDE THE SOLE PLATE MEETING THE SAME FLATNESS REQUIREMENTS. EACH BEARING MUST BE STRESSED UNIFORMLY AFTER ALL DEAD LOAD IS PLACED. MAKE NECESSARY SHOP AND/OR FIELD ADJUSTMENTS TO PROVIDE UNIFORM BEARING STRESS UNDER ALL DEAD LOADS.
- NO CAMBER IS REQUIRED IN GIRDERS OR BEAMS. PLACE BEAMS WITH MILL CAMBER UP.
- MEMBERS OR ELEMENTS OF MEMBERS INDICATED AS FCM ARE FRACTURE CRITICAL MEMBERS SUBJECT TO THE REQUIREMENTS INDICATED IN GENERAL NOTES.
- FOR CHARPY V-NOTCH (CVN) REQUIREMENTS, SEE GENERAL NOTES.
- ALL FASTENERS IN SUPERSTRUCTURE FRAMING CONNECTIONS ARE 22.2 DIAMETER ASTM A 325 HIGH STRENGTH BOLTS HAVING UNTHREADED SHANK IN THE SHEAR PLANE IN 23.8 DIAMETER HOLES, EXCEPT AS NOTED. PROVIDE CLASS B COATING ON THE FAYING SURFACES.



BEARING STIFFENER OR CONNECTION PLATE DETAIL AT BEAMS
 NOT TO SCALE

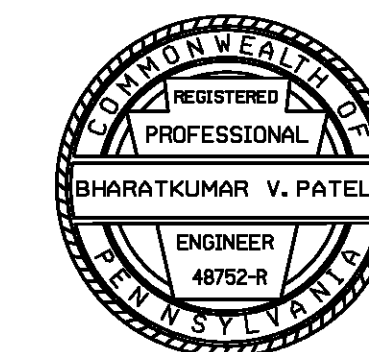
Mark	Description	By	Chk'd.	Rev'd.	Date
REVISIONS					

SR 0309 PREVIOUSLY KNOWN AS LR 782

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF TRANSPORTATION

MONTGOMERY COUNTY
SR 0309 SEC 103
 SEG 0150 OFF 302 NB SEG 0151 OFF 302 SB
 NORFOLK SOUTHERN RAILWAY (MILEPOST MV 24.09)
 OVER SR 0309 STA 8+671.276
TEMPORARY RUNAROUND TRESTLE BRIDGE
GIRDER ELEVATION

PREPARED BY:
 GANNETT FLEMING, INC.
 Valley Forge, PA



Recommended: JUNE 02, 2004

SHEET 34 OF 77

S-25417