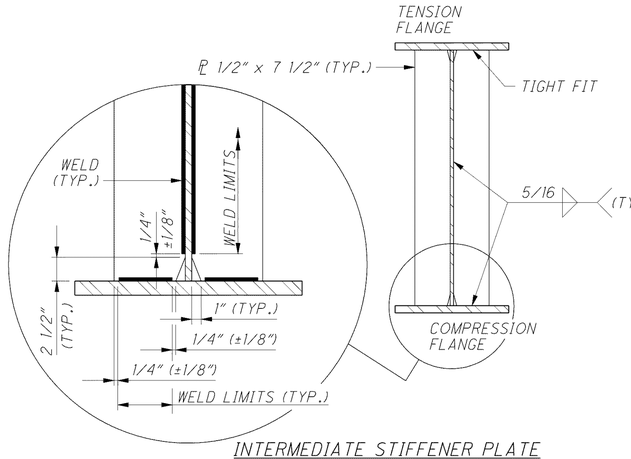
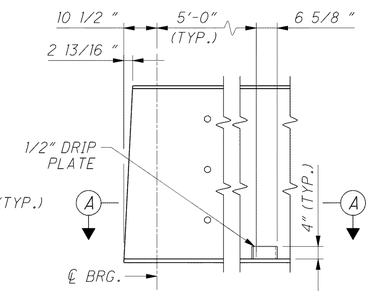
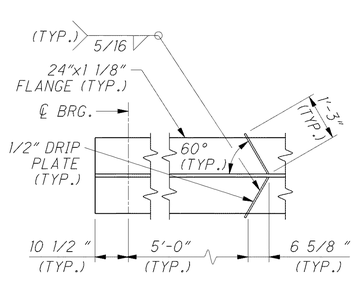


INTERMEDIATE STIFFENER PLATE

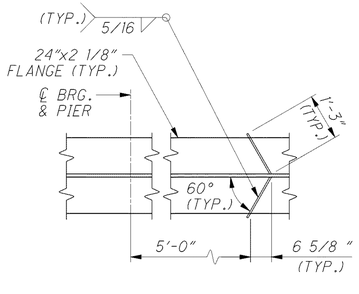


GIRDER END DETAIL

(REAR ABUT. ONLY)



SECTION A-A



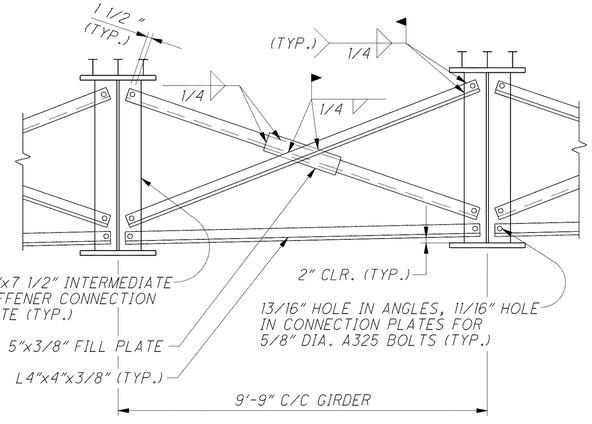
DRIP PLATE DETAIL AT PIER

NOTES

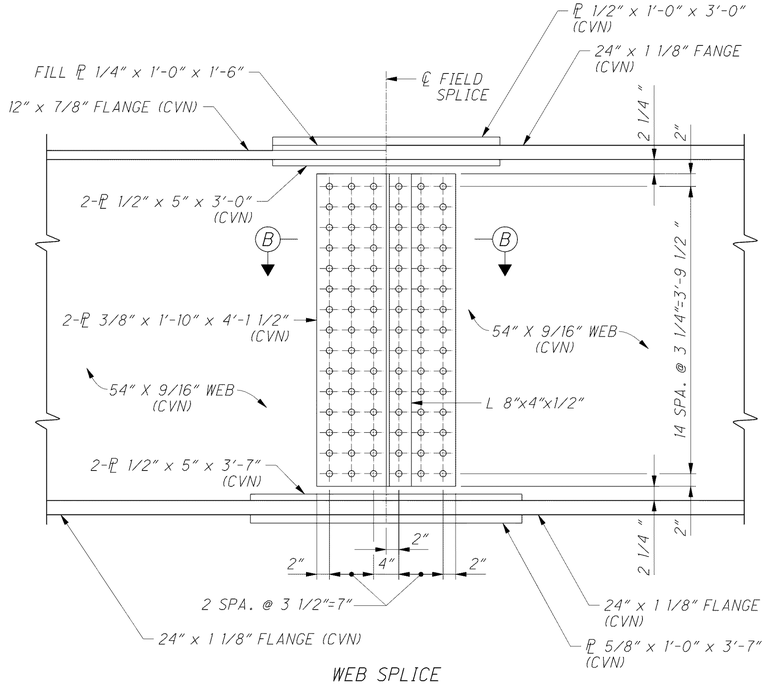
1. FOR ADDITIONAL GIRDER DETAILS, SEE SHEET 29 47 .
2. FOR ADDITIONAL CROSSFRAME DETAILS, SEE STANDARD DRAWING GSD-1-96.
3. HIGH STRENGTH BOLTS SHALL BE 1 INCH DIAMETER A325, TYPE III UNLESS OTHERWISE NOTED.
4. THE HOLE DIAMETER IN THE CROSS FRAMES AND GIRDER STIFFENERS SHALL BE 3/16" LARGER THAN THE DIAMETER OF THE ERECTION BOLTS. ERECTION BOLTS SHALL BE HIGH STRENGTH BOLTS AND SHALL REMAIN IN PLACE. SUPPLY TWO HARDENED WASHERS WITH EACH HIGH STRENGTH BOLT. FULLY TORQUE THE BOLTS OR USE A LOCK WASHER IN ADDITION TO THE TWO HARDENED WASHERS. FURNISH ERECTION BOLTS AS PART OF ITEM 513.
5. FOR LIST OF ABBREVIATIONS, SEE SHEET 3 47 .

LEGEND

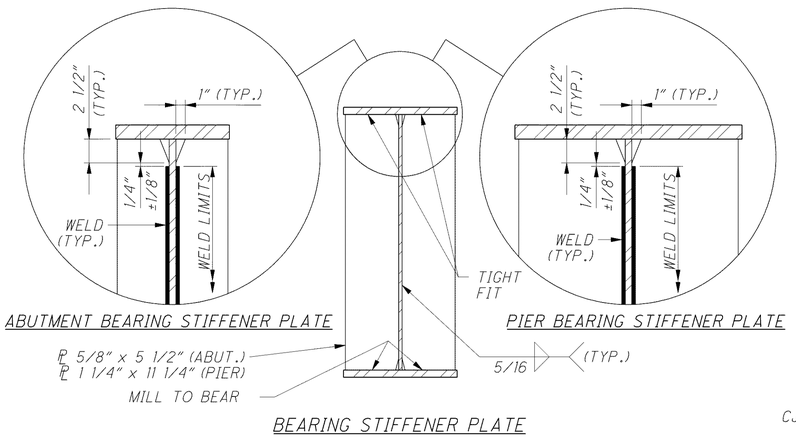
C.J.P. - INDICATES A COMPLETE JOINT PENETRATION WELD.



INTERMEDIATE CROSSFRAME



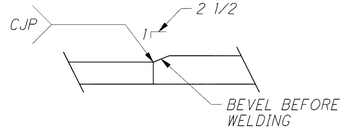
WEB SPLICE



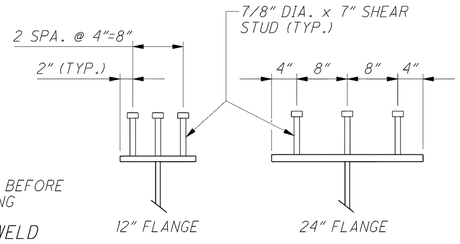
ABUTMENT BEARING STIFFENER PLATE

PIER BEARING STIFFENER PLATE

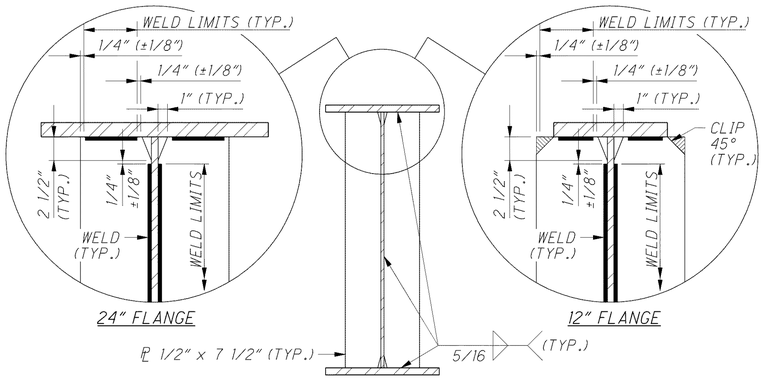
BEARING STIFFENER PLATE



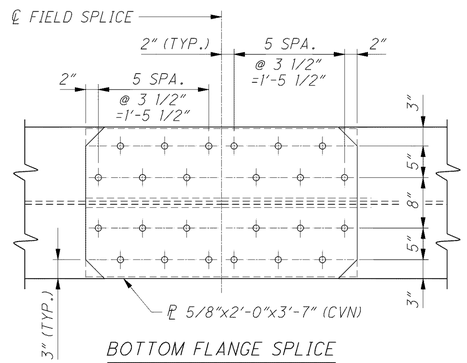
TYPICAL FLANGE BUTT WELD



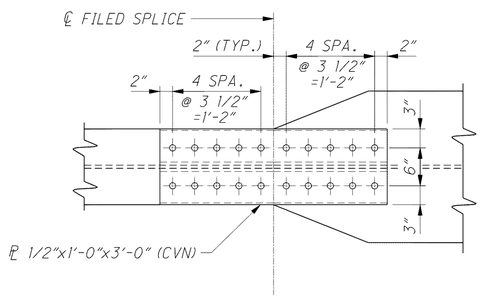
SHEAR STUD CONNECTION DETAILS



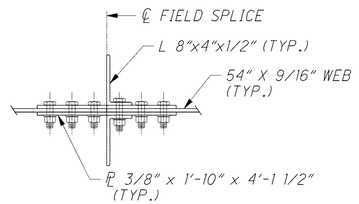
INTERMEDIATE STIFFENER CONNECTION PLATE



BOTTOM FLANGE SPLICE



TOP FLANGE SPLICE



SECTION B-B

(SEE FRAMING PLAN FOR LOCATIONS OF WEB SPLICE WITH L 8x4x1/2)

DESIGN AGENCY
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DESIGNED	DRAWN	REVIEWED	DATE
RBB	MPB	CMD	4/07
CHECKED	REVISED	STRUCTURE FILE NUMBER	
SKS		4300823	

GIRDER DETAILS
BRIDGE NO. LAK-2-0542
LOST NATION ROAD OVER STATE ROUTE 2

LAK-2-3.32
PID 13486

30 / 47

1576
1679

g:\project\cv0000480a001\drawing\lak\13486\bridge\lak002_0542c\sheets\002_0542CSD002.dgn 6/24/2008 5:01:54 PM troxberry