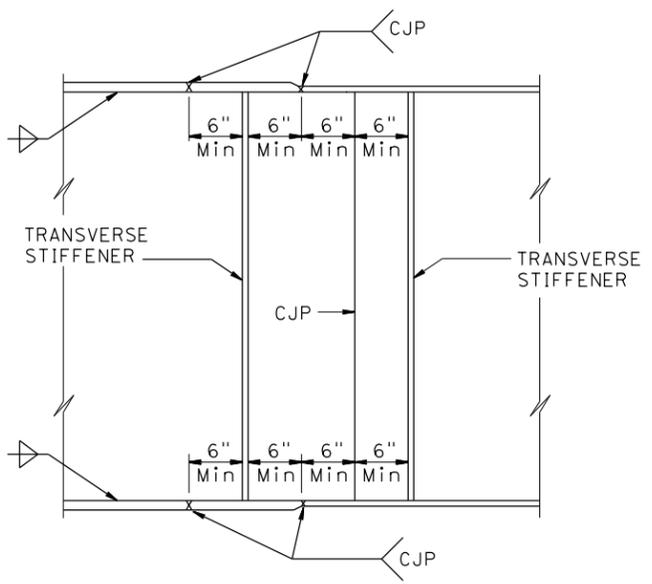


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

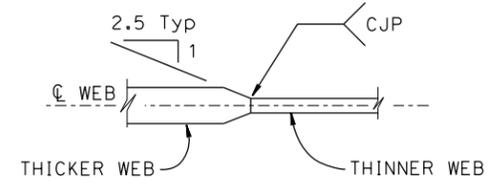
REGISTERED CIVIL ENGINEER	DATE
X	X

PLANS APPROVAL DATE
X

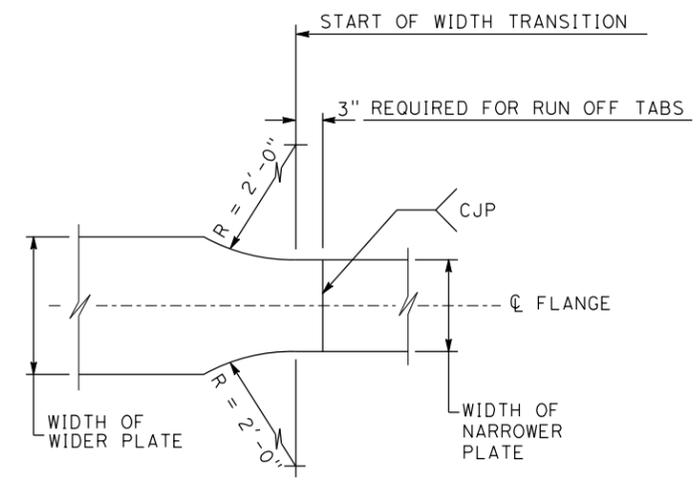
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



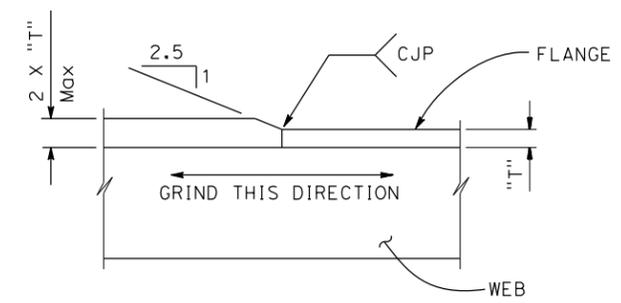
GIRDER SHOP SPLICE



WEB THICKNESS



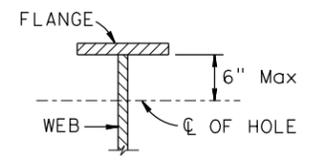
FLANGE WIDTH



FLANGE THICKNESS

NOTES:

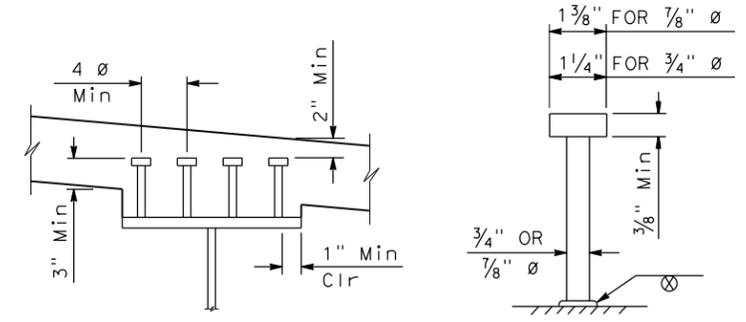
- Alternative girder splices may be permitted subject to approval by the Engineer
- Web splices:
Grind all weld surfaces flush on the exterior face of exterior girders
- Flange splices:
Grind all weld surfaces flush on tension flanges.
Grind all weld surfaces flush on compression flanges when required for non-destructive testing (NDT)
Grind all exterior weld surfaces flush on all bottom compression flanges



1" Max ϕ HOLE AT 4' \pm Min SPACING TO BE USED FOR FALSEWORK SUPPORT WHEN SPECIFIED BY THE CONTRACTOR. CONTRACTOR TO DETERMINE LOCATION, SIZE AND SPACING

2" Max ϕ HOLE TO BE DRILLED WHERE LIGHTING CONDUIT PASSES THROUGH GIRDER WEB. FOR LOCATION AND SIZE OF HOLE SEE "ROAD PLANS"

HOLES FOR CONDUIT AND FALSEWORK



LENGTHS OF STUDS TO BE DETERMINED BY THE CONTRACTOR, MINIMUM LENGTH IS 6"

ALTERNATIVE TYPES OF SHEAR CONNECTORS MAY BE PERMITTED SUBJECT TO APPROVAL BY THE ENGINEER

STUD CONNECTOR

NO SCALE

STANDARD DRAWING		STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO.	X	STEEL GIRDER SHOP SPLICE & STUD CONNECTOR DETAILS
FILE NO. xs1-410-1	APPROVAL DATE July 2014			POST MILE		
DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11))		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		UNIT: X	PROJECT NUMBER & PHASE: X	CONTRACT NO.: X
		0 1 2 3		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES
						SHEET OF
						X X

DATE PLOTTED => \$DATE USERNAME => \$USER TIME PLOTTED => \$TIME