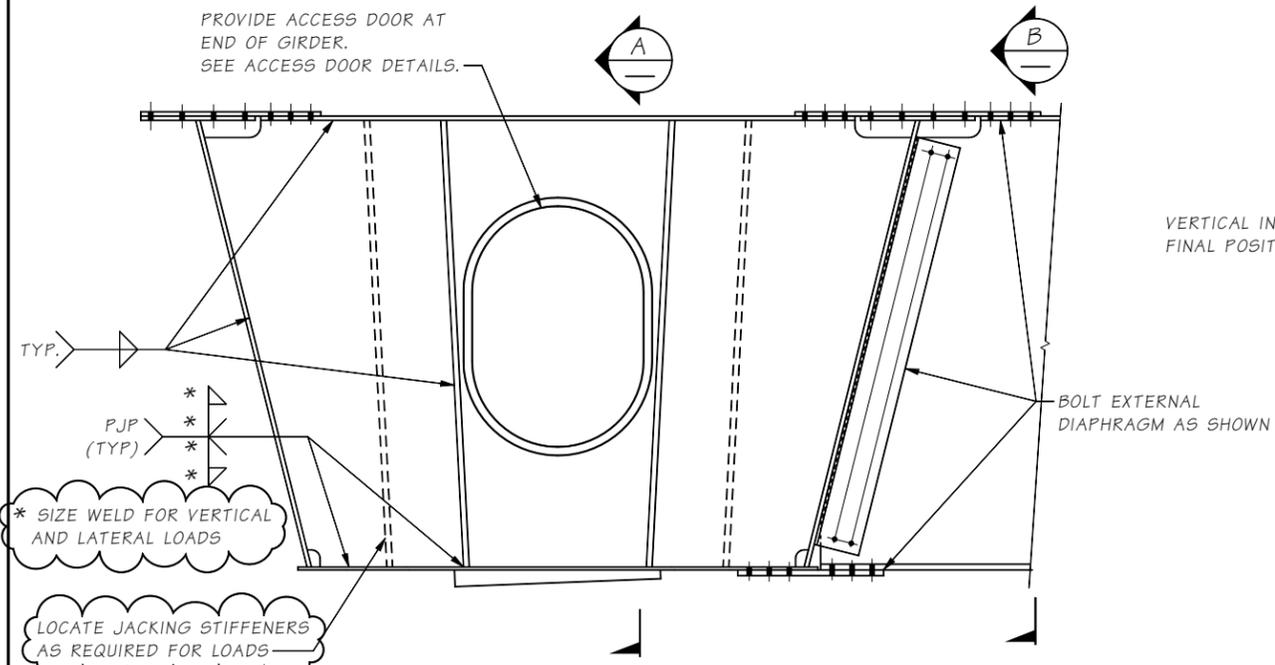


LAST REVISED 12-11-2014

SHEET

SR JOB NO.

PROVIDE ACCESS DOOR AT END OF GIRDER. SEE ACCESS DOOR DETAILS.

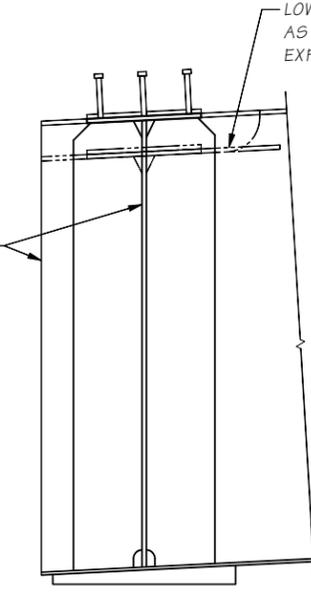


EXAMPLE END DIAPHRAGM

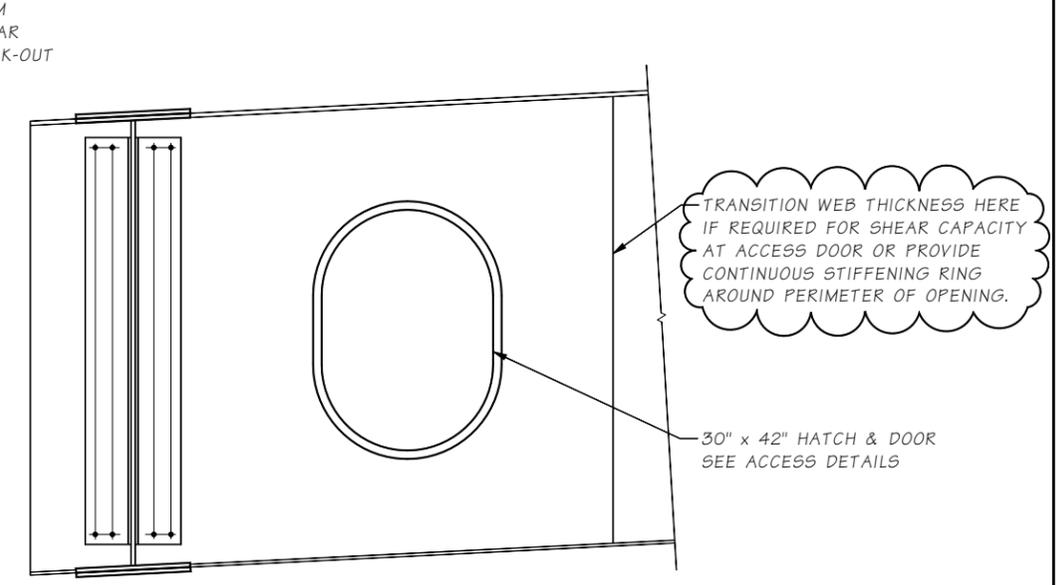
SHEAR CONNECTORS NOT SHOWN. AS A MINIMUM, PROVIDE FULL SHEAR CAPACITY = LATERAL LOADS TO PIERS (DECK TO BRG. LOAD PATH) HATCH DOOR NOT SHOWN FOR CLARITY

INCLUDE DETAILS FOR ATTACHING TOP LATERALS

VERTICAL IN FINAL POSITION



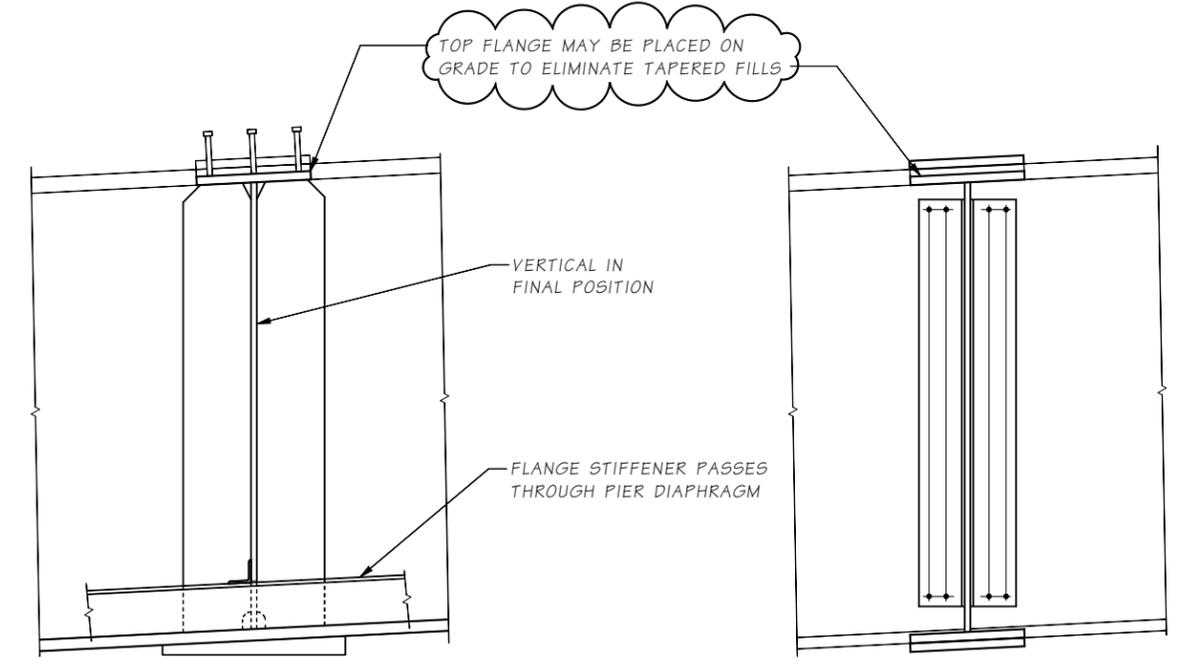
SECTION A



VIEW B SHOWING SIDE EXIT HATCH

USE SIDE EXIT HATCH AND WALKWAY BETWEEN BOXES FOR RETURN TRIP INSPECTION ACCESS, AT LEAST ONE END HATCH DOOR NOT SHOWN FOR CLARITY

TOP FLANGE MAY BE PLACED ON GRADE TO ELIMINATE TAPERED FILLS



SECTION C

VIEW D

EXAMPLE INTERIOR PIER DIAPHRAGM

SHEAR CONNECTORS NOT SHOWN. AS A MINIMUM, PROVIDE FULL SHEAR CAPACITY = LATERAL LOADS TO PIERS (DECK TO BRG. LOAD PATH)

2'-6"
3'-6"
R = 1'-3"

Bridge Design Engr.	M:\STANDARDS\Structural Steel\564-A12.MAN		REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor			10	WASH.			
Designed By			JOB NUMBER				
Checked By							
Detailed By							
Bridge Projects Engr.							
Prelim. Plan By							
Architect/Specialist	DATE	REVISION	BY	APP'D			

Thu Jan 15 09:04:01 2015

BRIDGE AND STRUCTURES OFFICE



EXAMPLE - BOX GIRDER PIER DIAPHRAGM DETAILS

BRIDGE SHEET NO.
SHEET
OF
SHEETS

6.4-A12