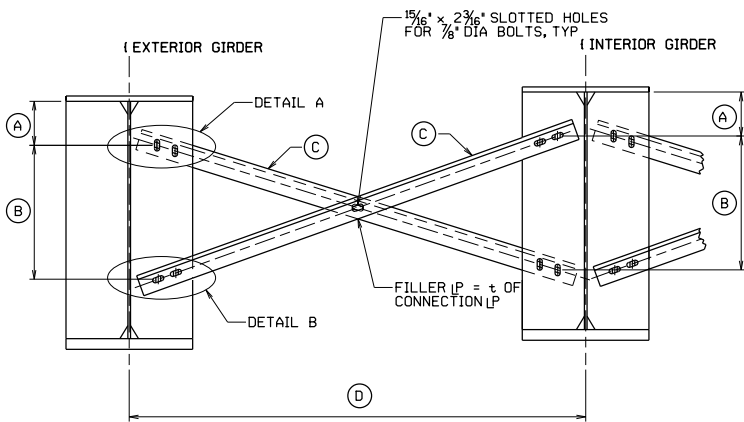
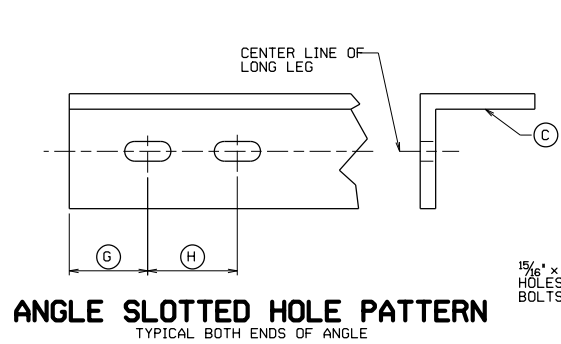


PRINT DATE
14-JUL-2020 06:26



ABUTMENT DIAPHRAGM ELEVATION

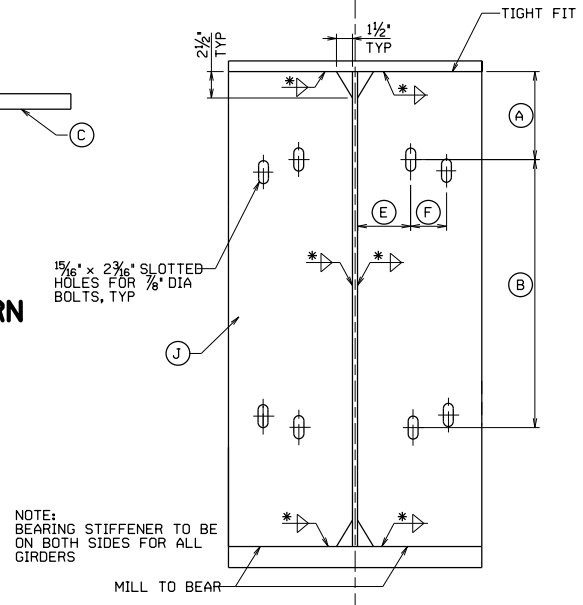


ANGLE SLOTTED HOLE PATTERN
TYPICAL BOTH ENDS OF ANGLE

*** WELD SIZES**

PLATE THICKNESS	WELD SIZE
< 3/4"	1/4"
≥ 3/4"	5/16"

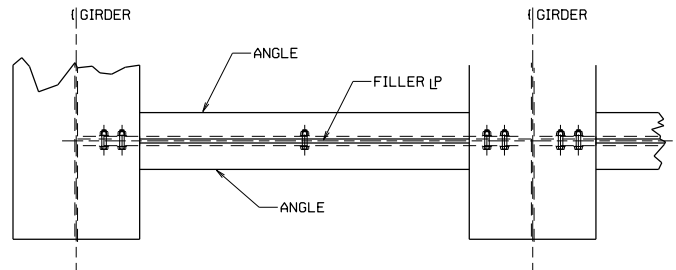
NOTE:
SEE OTHER SHEETS FOR GIRDER
DIMENSIONS



NOTE:
BEARING STIFFENER TO BE
ON BOTH SIDES FOR ALL
GIRDERS

MILL TO BEAR

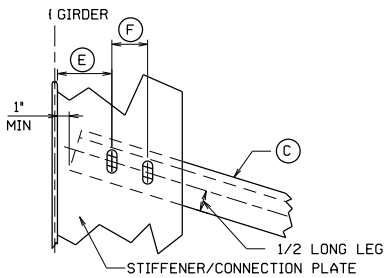
**BEARING STIFFENER/
CONNECTION PLATE**
LOOKING AHEAD STATION



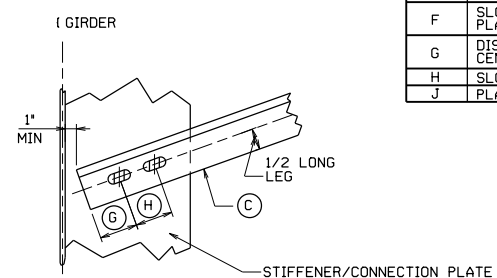
ABUTMENT DIAPHRAGM PLAN

CONTROL DIMENSIONS

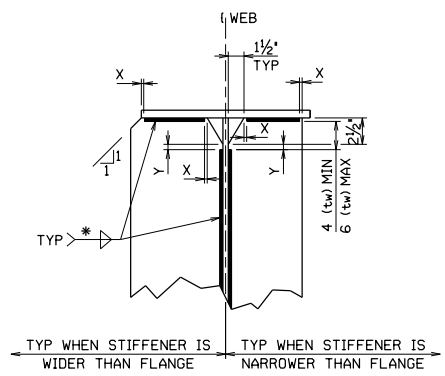
CODE	DESCRIPTION	DIMENSION
A	DISTANCE FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER SLOTTED HOLE	
B	DISTANCE BETWEEN CENTER OF UPPER SLOTTED HOLE AND LOWER SLOTTED HOLE	
C	ANGLE SIZE LxLxt	
D	GIRDER SPACING	
E	DISTANCE TO CENTER OF SLOTTED HOLE ON CONNECTION PLATE	
F	SLOTTED HOLE SPACING ON CONNECTION PLATE	
G	DISTANCE FROM EDGE OF ANGLE TO CENTER OF SLOT	
H	SLOTTED HOLE SPACING ON ANGLE	
J	PLATE SIZE WxHxt	



DETAIL A



DETAIL B



**WELDING DETAIL AT
END OF STIFFENER**

X WELD = 1/2" + 1/8" FROM END OF PLATE
Y WELD = 1/2" + 1/4" FROM END OF PLATE

NOT TO SCALE

NO.	REVISION	DATE	BY

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

DESIGNED BY	DATE	CHECKED	DATE
DRAWN	DATE	REVIEWED	DATE

STANDARD BRIDGE PLANS
**ABUTMENT DIAPHRAGM
NO SKEW**
SHEET NUMBER 1102D11