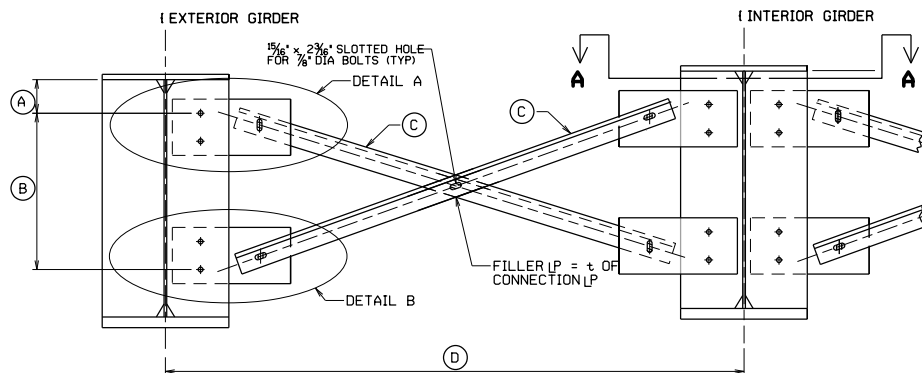
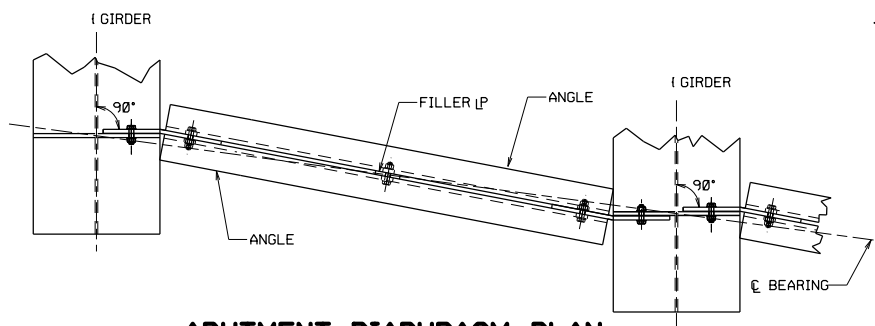


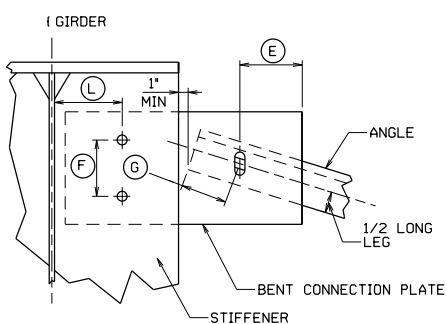
PRINT DATE
14-JUL-2020 06:26



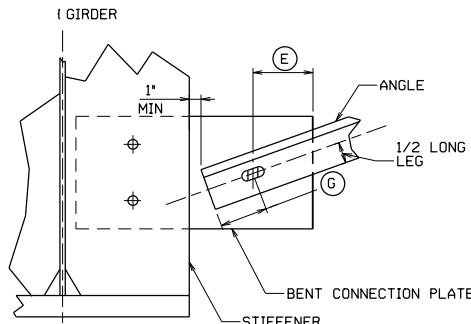
ABUTMENT DIAPHRAGM ELEVATION



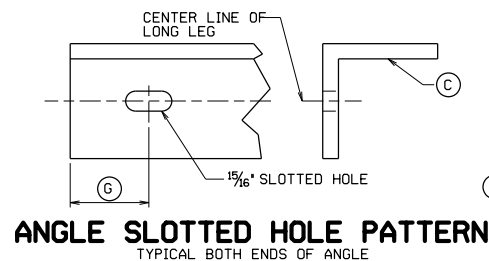
ABUTMENT DIAPHRAGM PLAN



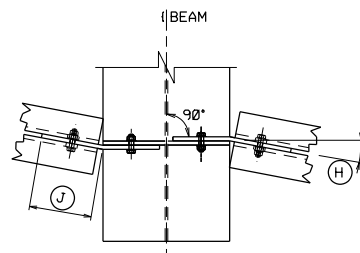
DETAIL A



DETAIL B



ANGLE SLOTTED HOLE PATTERN
TYPICAL BOTH ENDS OF ANGLE

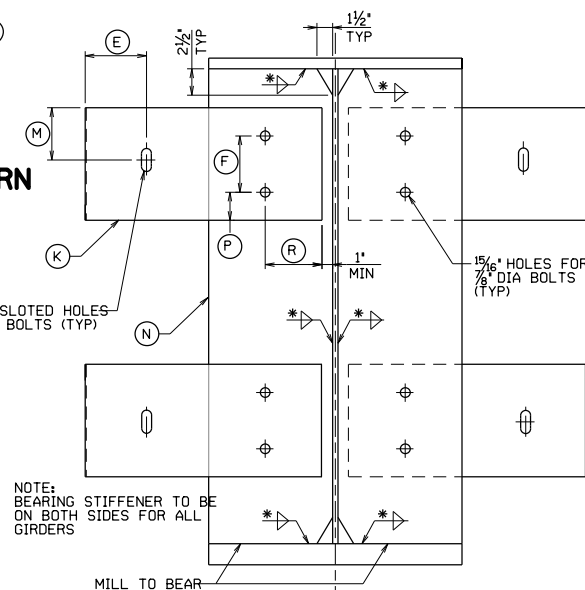


SECTION A-A

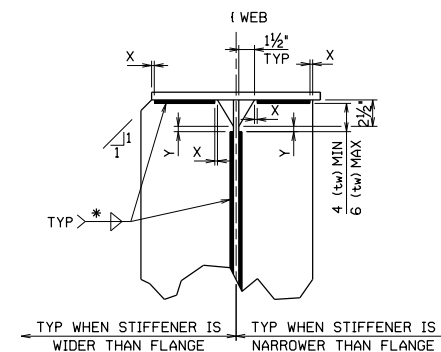
* WELD SIZES	
PLATE THICKNESS	WELD SIZE
< 3/4"	1/4"
≥ 3/4"	5/16"

NOTE:
SEE OTHER SHEETS FOR
GIRDER DIMENSIONS

CONTROL DIMENSIONS		
CODE	DESCRIPTION	DIMENSION
A	FROM BOTTOM OF TOP FLANGE TO CENTER OF UPPER BOLT HOLE	-----
B	FROM CENTER OF UPPER BOLT HOLE TO LOWER BOLT HOLE	-----
C	ANGLE SIZE LxLxt	-----
D	GIRDER SPACING	-----
E	FROM CONNECTION PLATE EDGE TO CENTER OF SLOTTED HOLE IN CONNECTION PLATE	-----
F	SPACING BETWEEN BOLT HOLES	-----
G	TO CENTER OF SLOTTED HOLE IN STIFFENER	-----
H	ANGLE OF BEND ON CONNECTION PLATE	-----
J	CONNECTION PLATE BEND WITH SLOTTED HOLE	-----
K	CONNECTION PLATE SIZE WxHxt	-----
L	FROM WEB TO CENTER OF HOLE	-----
M	TO CENTER OF SLOTTED HOLE	-----
N	STIFFENER SIZE WxHxt	-----
P	TO CENTER OF HOLE ON CONNECTION PLATE	-----
R	TO CENTER OF HOLE ON CONNECTION PLATE	-----



BEARING STIFFENER &
CONNECTION PLATES
LOOKING AHEAD STATION



WELDING DETAIL AT
END OF STIFFENER
X WELD = 1/4" + 1/4" 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 BY	DATE
DRAWN BY	DATE	REVIEWED BY	DATE

STANDARD BRIDGE PLANS
ABUTMENT DIAPHRAGM
SKEWED
SHEET NUMBER 1100D12