

- OPT. CONST. JT. 3" (1) - 1½" DIA. HOLE IN WEB FOR (2) #5 HORIZ. BARS. #5 BARS TO BE 6'-0" LONG AND PLACED SYM. ABOUT C/LOF GIRDERS, FIELD BEND BARS ALONG SKEWS. - ½" PREFORMED JOINT FILLER UNDER GIRDER FLANGE IN FRONT OF BRG. PAD (SEE STD. 19.31) -¾" BEVEL 4" X ¹/₂" PREFORMED 5 IOINT FILLER (SEE STD. 19.31) #4 BARS BETWEEN #4 BARS BETWEEN BEAM SEATS AT 1'-0" CTRS.

USE PAVING NOTCH ON ALL S.T.H., U.S.H., I.H. BRIDGES, AND C.T.H. BRIDGES WITH CONCRETE APPROACHES. —

+ #5 BARS AT 9"-

1/2" NON-LAMINATED

8" X (FLG. WIDTH + 4")

SIZE FOLIALS

ELASTOMERIC BRG. PAD.

#6 BARS 1'-0" MAX, VERT, SPA

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BEAM SEATS

PRESTRESSED GIRDER WITH

SEMI-EXPANSION SEAT

C/L OF PILES AND BEARING

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1 цh -1.F 111 2" BEVEL

ANCHOR PLATE LAMINATED ELASTOMERIC BEARINGS SHOWN

DIAPHRAGM AT STEEL OR ELASTOMERIC BEARINGS SECTION THRU DIAPHRAGM AT PIER

EXPANSION END DIAPHRAGM STEEL

DIAPHRAGM LENGTH (ALONG SKEW)

BETWEEN GIRDERS (C/L TO C/L OF GIRDERS)

≤ 8'-4"

> 8'-4" ≤ 11'-4"

> 11'-4" ≤ 14'-9"

NO. OF BARS AND BAR SIZE

36"

6 - #6

6 - #7

6 - #8

28"

6 - #6

6 - #8

FOR STEEL BEARINGS, FORM DIAPHRAGM APPROXIMATELY 3/2" ABOVE BEARING KEEPER BARS

DESIGNER NOTES

LAP LENGTHS FOR ALL BARS SHALL BE BASED ON A "CLASS C" TENSION LAP SPLICE, EXCEPT HORIZONTAL DIAPHRAGM BARS, IF SPLICED, CAN UTILIZE A "CLASS A" TENSION LAP SPLICE.

LEGEND

- DIMENSION IS TAKEN PARALLEL TO C/L GIRDER.
- * DIMENSION IS TAKEN NORMAL TO C/L SUBSTRUCTURE UNITS.
- ▲ PAVING NOTCH IS 1-0" WIDE BY 1-4" DEEP IF STRUCTUAL APPROACH SLAB (STD. 12.10) IS USED. SHOW NO. 9 STAINLESS STELE BAR (STD. 12.12) FOR STRUCTURAL APPROACH SLAB ON THE SECTION THRU ABUT. OR ABUT. DIAPH.
- BARS PLACED PARALLEL TO GIRDERS. SPACING PERPENDICULAR TO C/L GIRDERS.

SEE STANDARD 19.34 FOR 36W" & 45W" PRESTESSED GIRDERS SLAB AND SUPERSTRUCTURE DETAILS SEE STANDARD 19.35 FOR 54W", 72W" & 82W" PRESTRESSED

GIRDERS SLAB & SUPERSTRUCTURE DETAILS.



STANDARD 19.33