

## - 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 <sup>1</sup>/<sub>2</sub>" 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