

Proposed WC2 Repair

Proposed WC1 Repair

Pictures 414-418

West Beam Limits of Heat Straightening: 42' from South Abut. Wall Face to 52' from South Abut. Wall Face -VERIFY???

Cross Frame Replacements

CL of EB US 30

Proposed WC1 Repair

Proposed WC2 Repair

Proposed WC1 Repair

FRAMING PLAN

Welded attachments for finishing machine supports shall not be made in this area of top flange of fascia girders. See Note ⑥ this sheet.

EOL = Edge of Lane
EOS = Edge of Shoulder
Note: Roadway/lane locations are approximate

East Beam Limits of Heat Straightening: 26' from South Abut. Wall Face to 68' from South Abut. Wall Face

West Beam 9 outside & 9 inside stiffeners bent

East Beam 10 outside & 10 inside stiffeners bent

X-frame location

TYPICAL GIRDER ELEVATION

STRUCTURAL NOTES

- All intermediate stiffeners are in pairs (NS and FS) and are set normal to the web R. The spacing of intermediate stiffeners for end panels, splice panels, and typical elsewhere are shown on Framing Plan.
- Shop Web Splices may be located as required per available plate length and should be controlled in the same manner as the Shop Flange Splices. If additional shop splices are necessary, their location and detail shall be submitted to the Director for approval prior to ordering the material.
- High Strength Bolts (ASTM A325, Type 3) shall be 1" dia unless otherwise noted. The web bolts of field splices for outside girders shall be placed with heads on the outside face. The flange bolts for bottom flanges of field splices of all girders, shall be placed with heads on the bottom face. Threads should be excluded from shearing planes. Bolted splices shall have friction type connections.
- END DAMS AND BEARINGS: In lieu of A588 steel, A36 steel galvanized, shall be furnished for end dams, and may be furnished for bearings, except for upper plate element of bearings. (Include in A588 steel for payment.)
- STEEL ERECTION: During the erection of end dams and crossframes care shall be taken to insure that stringers bearing parts and bridge seats remain in bearing contact.

For Additional notes see Sheet No. 9/9

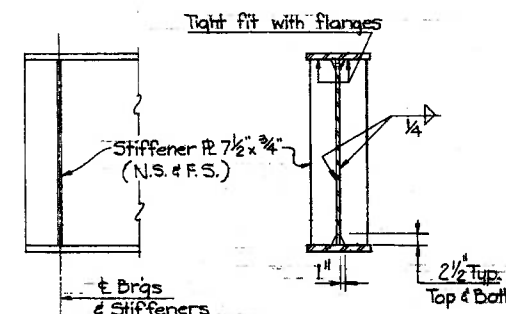
SECTION A-A

BOLTED FIELD SPLICE "FS-1 & FS-2"

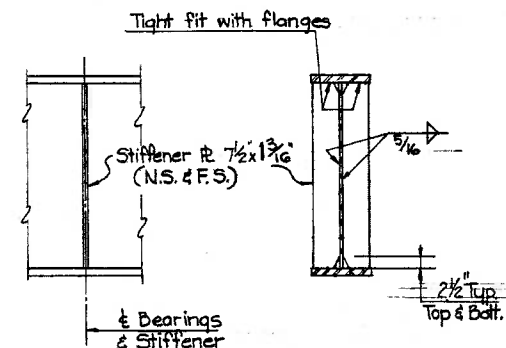
(All bolts 1" Dia. H.S. Bolts)
All Splice Materials - CVN

F.H.W.A. REGION	STATE	PROJECT	223
5	OHIO		278

VAN-30-21.50

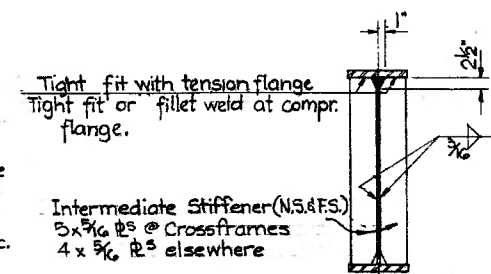


AT ABUTMENTS



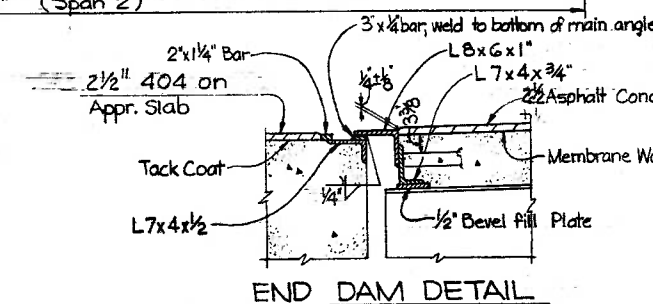
AT PIER

BEARING STIFFENERS

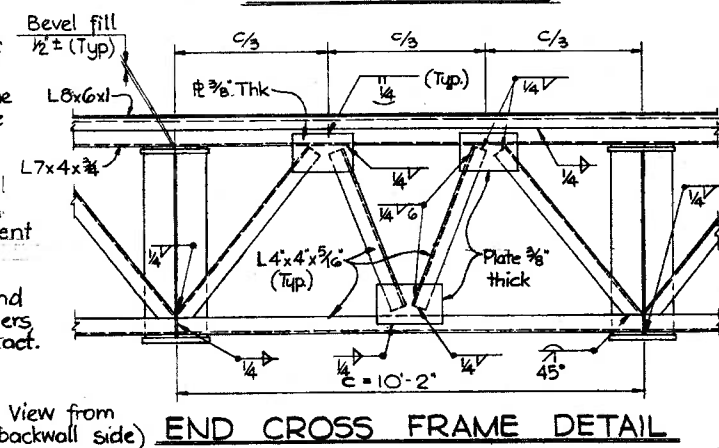


TYP. INTERMEDIATE STIFFENER

- For Rocker Details see Standard Dwg. RB-1-55
- For additional end dam details see Std. Dwg. SD-1-69 Sht. 1 & 2 of 4.
- All structural steel shall conform to ASTM A588 unless otherwise noted.



END DAM DETAIL



(View from backwall side)

END CROSS FRAME DETAIL

CHARLES L. BARBER & ASSOCIATES INC.
ENGINEERS - ARCHITECTS
TOLEDO, OHIO

7/9

SUPERSTRUCTURE DETAILS

BRIDGE NO VAN-30-2219

US R 30 UNDER T.R. 197

VAN WERT CO STA. 19+02.75-20+97.25

DESIGNED DRAWN TRACED CHECKED REVIEWED DATE REVISED

RKG WWW JRCS JCP Nov 75