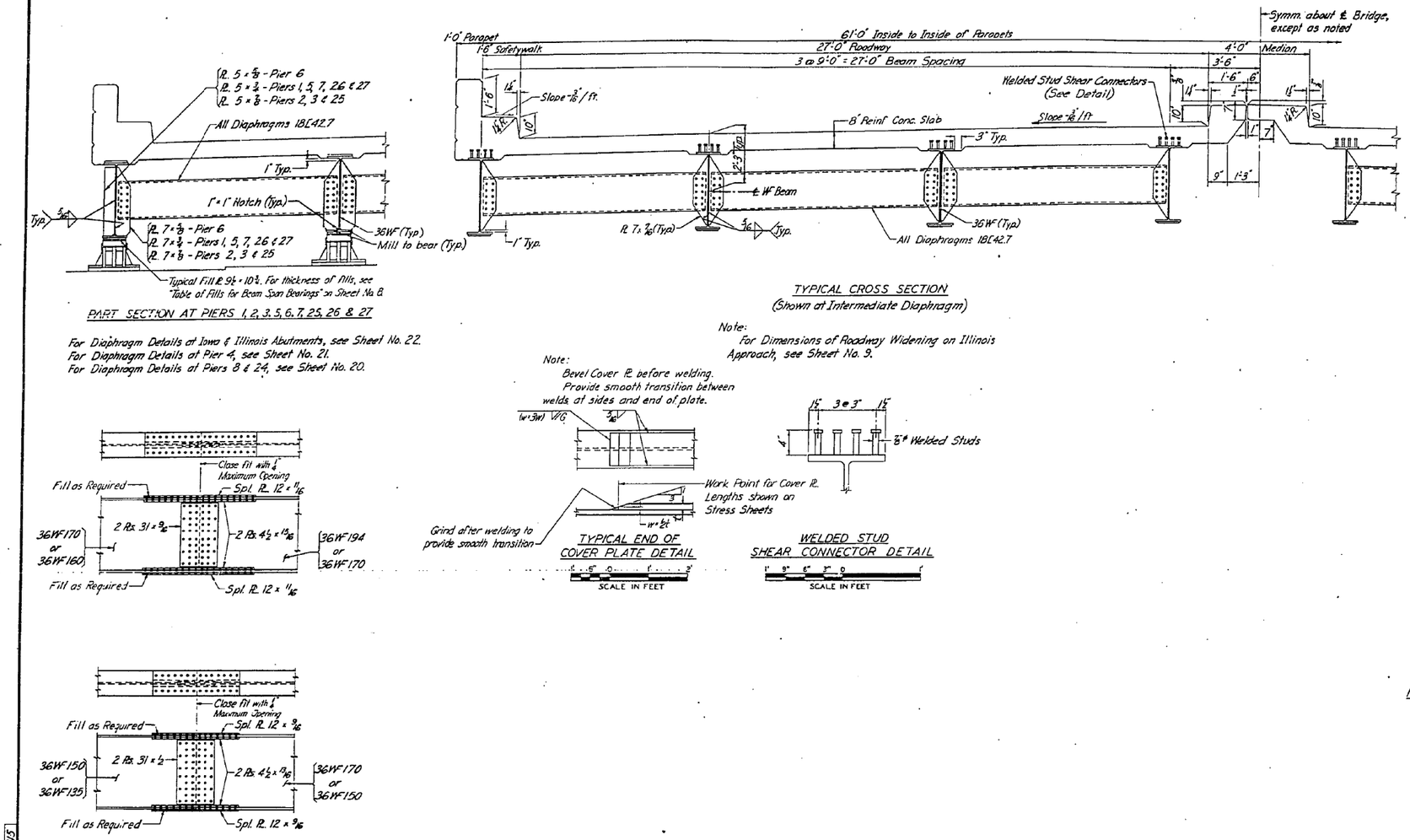
BU. PUB. ROS. REG. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
5	IOWA	I-80-8(31)310	15	41



PART SECTION AT PIERS 1, 2, 3, 5, 6, 7, 25, 26 & 27

For Diaphragm Details at Iowa & Illinois Abutments, see Sheet No. 22.
For Diaphragm Details at Pier 4, see Sheet No. 21.
For Diaphragm Details at Piers 8 & 24, see Sheet No. 20.

TYPICAL CROSS SECTION
(Shown at Intermediate Diaphragm)

Note:
For Dimensions of Roadway Widening on Illinois Approach, see Sheet No. 9.

Note:
Bevel Cover PL before welding.
Provide smooth transition between welds at sides and end of plate.

TYPICAL END OF COVER PLATE DETAIL

WELDED STUD SHEAR CONNECTOR DETAIL

BEAM SPLICE DETAILS

Note:
Top and Bottom flange splice bolts shall be placed with bolt heads down.
Web splice bolts on exterior beams shall be placed with the bolt heads exposed to the exterior surface of the web.

NOTES:
For General Notes, see Sheet No. 3.
Stud shear connector material shall conform to A.S.T.M. A108-61T, Grade 1015 or 1020.
Webs of 36 WF beams shall be vertical.
All material shall be A.S.T.M. A36-62T, unless noted.

IOWA STATE HIGHWAY COMMISSION
AND ILLINOIS DIVISION OF HIGHWAYS
INTERSTATE BRIDGE
OVER MISSISSIPPI RIVER AT LE CLAIRE, IOWA
CONTRACT NO. 2-SUPERSTRUCTURE
CROSS SECTION
BEAM SPANS

SCALE IN FEET UNLESS NOTED

MODJESKI & MASTERS, ENGINEERS

MAY 1964 SHEET NO. 15 OF 41

Project No. I-80-8(31)310 Design No. 163A Scott County File No. 21704

DR.BAP CK.BPS

0221 60 1061 6893 6897 7745

DESIGNED VHV	EXAMINED Timothy A. Bradley ACTING ENGINEER OF STRUCTURAL SERVICES	DATE - OCTOBER 12, 2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOR INFORMATION ONLY SN 081-0011	
CHECKED DAB					
DRAWN baliva	PASSED A. Carl Pruyn ACTING ENGINEER OF BRIDGES AND STRUCTURES				
CHECKED VHV DAB				SHEET 12 OF 42 SHEETS	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	D2 BRIDGE PAINTING 2012-2	ROCK ISLAND	46	16
		CONTRACT NO. 64H81		
		ILLINOIS FED. AID PROJECT		