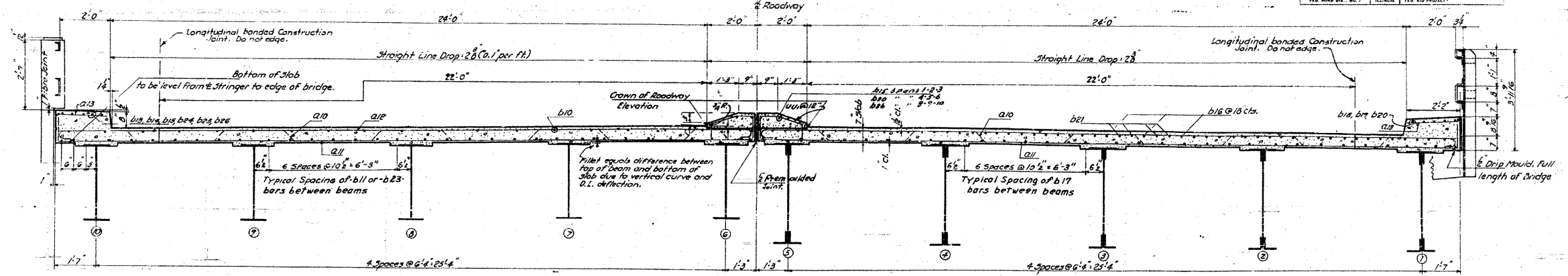


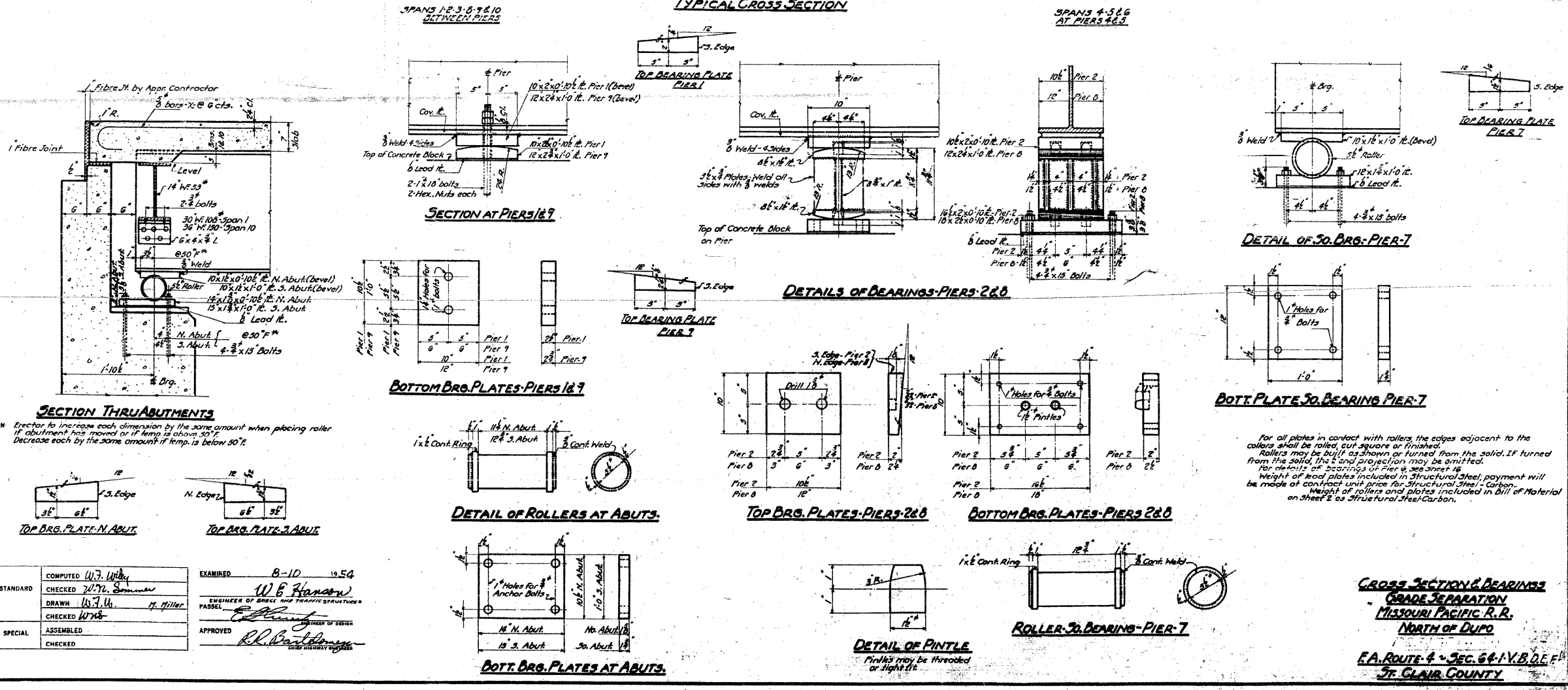
STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

ROAD DISTRICT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4	64-IVBR	St. Clair	259	113
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

SHEET NO. 13
30 SHEETS



TYPICAL CROSS SECTION

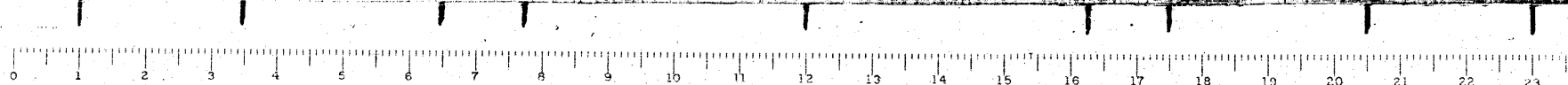


SECTION THROUGH ABUTMENTS
* Erector to increase each dimension by the same amount when placing roller if abutment has moved or if temp. is above 50°F. Decrease each by the same amount if temp. is below 50°F.

For all plates in contact with rollers the edges adjacent to the rollers shall be rolled, cut square or finished. Rollers may be built as shown or turned from the solid. If turned from the solid, the 2" end projection may be omitted. For details of bearings of Pier 4, see sheet 16. Weight of load plates included in Structural Steel; payment will be made of contract unit price for Structural Steel-Carbon. Weight of rollers and plates included in Bill of Material on sheet 2 as Structural Steel-Carbon.

STANDARD	COMPUTED W.F. Wilby	EXAMINED 8-10 1954
	CHECKED W.W. Sommer	ENGINEER OF BRIDGE AND TRAFFIC STRUCTURES
	DRAWN W.F. U. M. Miller	PASSEL
	CHECKED W.F. U.	APPROVED R.H. Carlstrom
SPECIAL	ASSEMBLED	
	CHECKED	

CROSS SECTION & BEARINGS
GRADE SEPARATION
MISSOURI PACIFIC R.R.
NORTH OF DUPO
E.A. ROUTE 4 - SEC. 64-1-V.B.D.E.F.
ST. CLAIR COUNTY



FOR INFORMATION ONLY

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- STRUCTURAL ENGINEERS -
- LAND SURVEYORS -
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