



LOCATION PLAN

GENERAL NOTES

Material and workmanship shall be in accordance with "Standard Specifications for Road and Bridge Construction, State of Illinois, adopted January 6, 1958. DESIGN AND CONSTRUCTION SPECIFICATIONS, EXCEPT AS NOTED BELOW AND SHOWN ON DRAWINGS. LINE LOADS: 1.50 KIP/FT.

CONCRETE shall be of the strength specified on drawings. All exposed edges and corners shall be chamfered 3/4".

STRUCTURAL STEEL shall be fabricated in accordance with A.R.A. Specifications for Steel Railway Bridges (current), except as noted on drawings.

MATERIALS: Deck, floor, and rivet steel, A.S.T.M. A7 and A14 (current), and all bridge steel shall be of cast steel annealed as noted.

RIVETS: 7/8" dia. hex. 150ksi.

WELDED CONNECTIONS shall be riveted.

COVER PLATES shall be mill plates with both edges rolled shall be used for cover to girders and stiffeners and their fills shall be milled to bear on bottom flange and stiffener edges shall be ground to fit the fillets of the flange.

The top and bottom flange angles at end bearings shall be in a true plane perpendicular to the center line of web for the full width of the flange and shall be milled to the mill plate, so the flange angles will have a full bearing on the mill plate or cover plate.

Diaphragms shall be fitted with the backs of the top and bottom diaphragm plates to give a diaphragm that will hold water.

No welding of steel will be permitted except as noted.

Reinforcing bars shall be cover plates, angles, web plates, web splice plates and all stiffeners (except end stiffeners) shall be sub-punched, hot and painted with white assembly paint in laterals, lateral plates, diaphragms, the stiffeners and their fills, and OSB of end stiffeners may be painted as noted.

ANCHORS: 1/2" dia. in masonry; 10" embedment.

PAINT: 3/4" thick lead to 50% inclusive of the Standard Specifications. The lead and coat lead and Unseed Oil except for finished surfaces of girders which shall be coated with White Lead and Tallow applied hot as soon as the surfaces have been finished and accepted by the Inspector. End plates, diaphragms and secure field coats shall be Aluminum paint.

All paint shall be furnished and applied by the contractor involved. All steel shall be painted with a primer and an oil base paint shall be fabricated and set in accordance with A.R.A. Specifications for Steel Railway Bridges (current) and are included for payment as Structural Steel Estimated Weight 40,750 lbs. All steel to be painted shall be primed and painted with primer and aluminum and the primer shall be applied as noted above and set in accordance with Standard Specifications and are included for payment as Structural Steel Estimated Weight 39,450 lbs.



GENERAL PLAN

ELEVATION

STA. 55+11.29
BUILT BY
STATE OF ILLINOIS
FAI R.T. TO SEC. 62-2-30
FA PROJECT E-37-1 (10)
LOADING 1.5

DESIGN STRESSES
1.50 KIP/FT. LINE LOAD
1.50 KIP/FT. LINE LOAD
1.50 KIP/FT. LINE LOAD
1.50 KIP/FT. LINE LOAD
1.50 KIP/FT. LINE LOAD

GENERAL NOTES CONTINUED
REINFORCEMENT bars shall be deformed bars (A305) non heat treated steel with a yield point of 60,000 psi and a minimum tensile strength of 75,000 psi.

LETTERING FOR NAME PLATE

UNIT	DESCRIPTION	SECTION 11-111	TOTAL	TOTAL
CY	GRAVEL	111	111	111
CY	CLASS A EXCAVATION FOR STRUCTURES	111	111	111
CY	CLASS A CONCRETE	111	111	111
LB	REINFORCEMENT BARS	111	111	111
LB	STRUCTURAL STEEL	111	111	111
CF	FLAT GALVANIZED (SALVAGED)	111	111	111
CF	TEST PILES (CONCRETE)	111	111	111
LF	PURCHASING CONCRETE PILES	111	111	111
LF	DRIVING CONCRETE PILES	111	111	111
CF	TEST PILE (SANDFILLED)	111	111	111
LF	PURCHASING CORRUGATED PILES	111	111	111
LF	DRIVING CORRUGATED PILES	111	111	111
CF	SAVE PLATES	111	111	111
LF	TEMPORARY BRACING GALVANIZED	111	111	111
LF	TEMPORARY BRACING	111	111	111
LF	CHAIN LINE FENCE	111	111	111
CY	POURING GRANULAR EMBANKMENT	111	111	111

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STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BLDGS.
DIVISION OF HIGHWAYS

CITY OF EAST ST. LOUIS
EAST ST. LOUIS EXPRESSWAY

L & N R.R. OVER WEST BOUND EXPWAY,
RAMP 7, EAST BOUND EXPWAY AND RAMP 7

Revision 6-15-61
Added Bracket

ENGINEERS
CHICAGO, ILLINOIS

DATE JULY 1960

SHEET NO. 11