

Existing Structure: Seven (7) span bridge with timber deck on timber pile bent piers and abutments. 104' long x 16' wide. To be removed. See Special Provisions.

ROUTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
TR 293	TR 293 96-10120-01-BR FED. ROAD DIST. NO. 7 ILLINOIS		CLAY	13	8
FED. ROAD			FEDERAL AID PROJECT		

CONTRACT NO. 95514

1

BILL OF MATERIALS (BRIDGE ONLY) SUB SUPER TOTAL ITFM UNIT POROUS GRANULAR EMBANKMENT TON. 34 34 STONE DUMPED RIPRAP, CLASS A4 TON 345 345 REMOVAL OF EXISTING STRUCTURES EACH 1 STRUCTURE EXCAVATION CU YD 150 150 CONCRETE STRUCTURES 152.6 152.6 CU YD CONCRETE ENCASEMENT CU YD 2.8 2.8 PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH) SQ FT 3576 3576 REINFORCEMENT BARS POUND 14120 14120 STEEL RAILING, TYPE SI (SPECIAL) FOOT 302 302 FURNISHING STEEL PILES HP12X53 361 F00T 361 FURNISHING STEEL PILES HP14X73 FOOT 464 464 DRIVING PILES F00T 825 825 TEST PILE STEEL HP12X53 FACH

GENERAL NOTES

EACH

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See Specifications for Soil Borinas.

See Section 502 of the Standard Specifications for Structural Excavation.

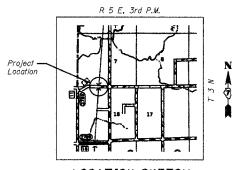
The Contractor shall drive one (1) Steel HP12X53 Test Pile in a production location at the West Abutment and one (1) Steel HP14X73 Test Pile in a production location at each Pier as directed by the Engineer before ordering the remainder of the piles.

The Contractor is hereby advised that very stiff soils will be encountered prior to the location of anticipated refusal. See the Soil Borings for further information.

Reinforcement Bars shall conform to AASHTO M-31 or M-322, Grade 60.

Layout of slope protection system may be varied in the field to suit ground conditions as directed by the Engineer.

Do not scale these drawings.



LOCATION SKETCH

CN / IC RAILROAD BUILT 200_ BY CLAY COUNTY SEC. 96-10120-01-BR LOADING HS-20 STRUCTURE NO. 013-9918

NAME PLATE

(See State Standard 515001 for details)

GENERAL PLAN AND ELEVATION TR 293 BRIDGE OVER CN / IC RAILROAD SECTION 96-10120-01-BR CLAY COUNTY, ILLINOIS

Sheet Job No. 51005

ILLINOIS LICENSED STRUCTURAL ENGINEER NO. 81-4853

LOADING HS 20-44 Allow 25#/sq. ft. for future wearing surface. f's = 270,000 psi ('2"\$\psi\text{strands}) f'si = 189,000 psi ('2"\$\psi\text{strands})

EXPIRES NOV. 30, 2008