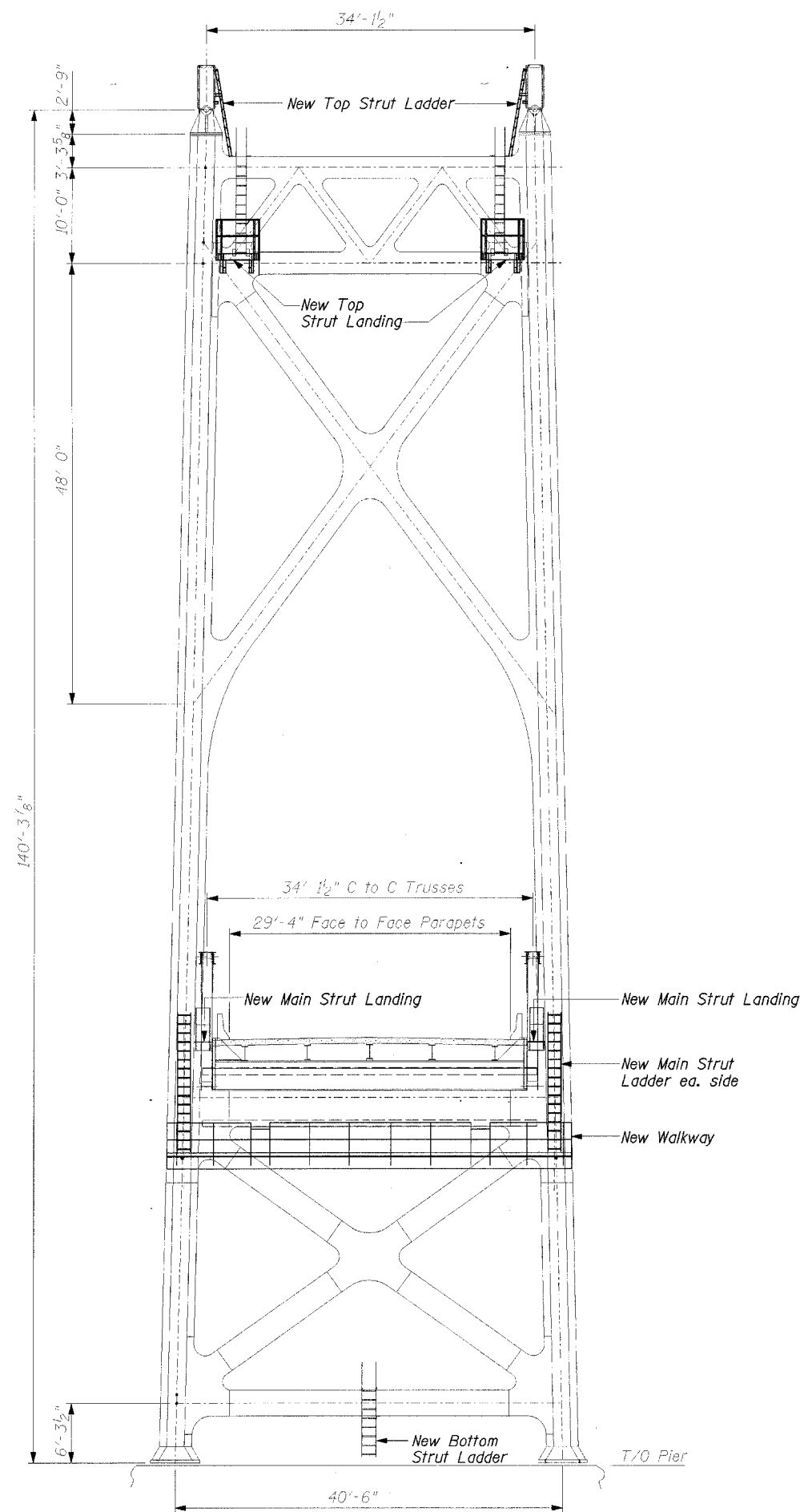


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A. 309 (U.S. 30) & 7BR	(7B-1D)	WHITESIDE, IL CLINTON, IA.		10
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SHEET NO. 10  
SHEETS

Contract 84841



### GENERAL NOTES

- All fasteners shall be high strength bolts. Holes shall be  $\frac{13}{16}$ " dia. for  $\frac{3}{4}$ " dia. bolts, unless noted otherwise. Holes shall be  $\frac{15}{16}$ " dia. for  $\frac{7}{8}$ " dia. bolts, unless noted otherwise. Holes shall be  $1\frac{1}{16}$ " dia. for 1" dia. bolts, unless noted otherwise.
- All wide flange structural shapes shall be AASHTO M270 Gr. 50 steel. All other structural steel shall be AASHTO M270 Gr. 35, unless noted otherwise.
- The main load carrying member components subject to tensile stress shall conform to the Supplemental Requirements for Notch Toughness Zone 2. These components are the bottom cover plate of main tower strut and all splice plate material except fill plates.
- Before installing each bolt, remove all nicks, burrs, corrosion, scale, paint, and foreign substance from inside the hole with a power tool to ensure proper seating of the nut, bolt head and washer. After tightening, spot prime exposed surfaces of the bolt and surrounding area.
- Copies of the original design plans and shop drawings will be available to the Contractor, at his/her request, from the District 2 office of the Illinois Department of Transportation.
- Bolts shall be installed with heads outward (i.e. placed on the side of the connection most noticeable to the public).
- There are existing utility lines across and along the bridge. Contractor shall coordinate with utility companies.
- All structural steel for platforms and ladders including posts, railing, splices, anchor devices and bent plates shall be galvanized after shop fabrication according to AASHTO M111 and ASTM A385. All bolts, nuts, washers and anchor rods shall be galvanized according to AASHTO M232.
- All new and existing structural steel shall be painted. See Special Provisions.
- All new and existing galvanized steel shall be overcoated. See Special Provisions.
- Field welding of construction accessories will not be permitted to any existing structural steel.
- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
- Field welding of construction accessories will not be permitted to any existing structural steel.
- The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
- The Organic Zinc-Rich/Epoxy/Urethane Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. See Special Provision for Cleaning and Painting New Metal Structures. For this project the Epoxy and Urethane coats will be applied in the field.
- The SSPC-QP1 and SSPC-QP2 Painting Contractor Certifications will be required for this bridge.

### TOWER ELEVATION AND GENERAL NOTES

CLINTON GATEWAY BRIDGE  
OVER MISSISSIPPI RIVER  
F.A. RTE. 309 (U.S. 30)  
SECTION (7B-1D) & 7BR  
WHITESIDE COUNTY  
STRUCTURE NUMBER 098-6003



CHAMPAIGN, ILLINOIS  
CHICAGO, ILLINOIS  
EVANSVILLE, INDIANA  
INDIANAPOLIS, INDIANA  
KENOSHA, WISCONSIN  
SPRING GREEN, WISCONSIN

REVISIONS		DATE
NAME		

DESIGNED BY: MM	PROJECT NO.: 102289
DRAWN BY: MEW	DATE: 6/95
CHECKED BY: MM	
APPROVED BY: SCJ	
ACTIVITY: DETAILS	

**TOWER ELEVATION**  
(New ladders, walkways and platforms are typical for opposite side of Towers A and B)

DRAWING NUMBER