

Existing Structure:

Wooden Scenic Tower was built in 1983 - 84 by IDOT. The total tower height to the top of the roof is 75'-6" above ground level and located above sea level at 1069.5'. Top, middle & bottom viewing levels are located at 60', 40' & 20' above ground level.

Main supporting poles are made of Treated Mississippi Southern Pine class H-2, set in 3 foot diameter anchors 11 feet deep with 3 rock anchors each. Center pole size is 74' while the corner poles are 71'-6"

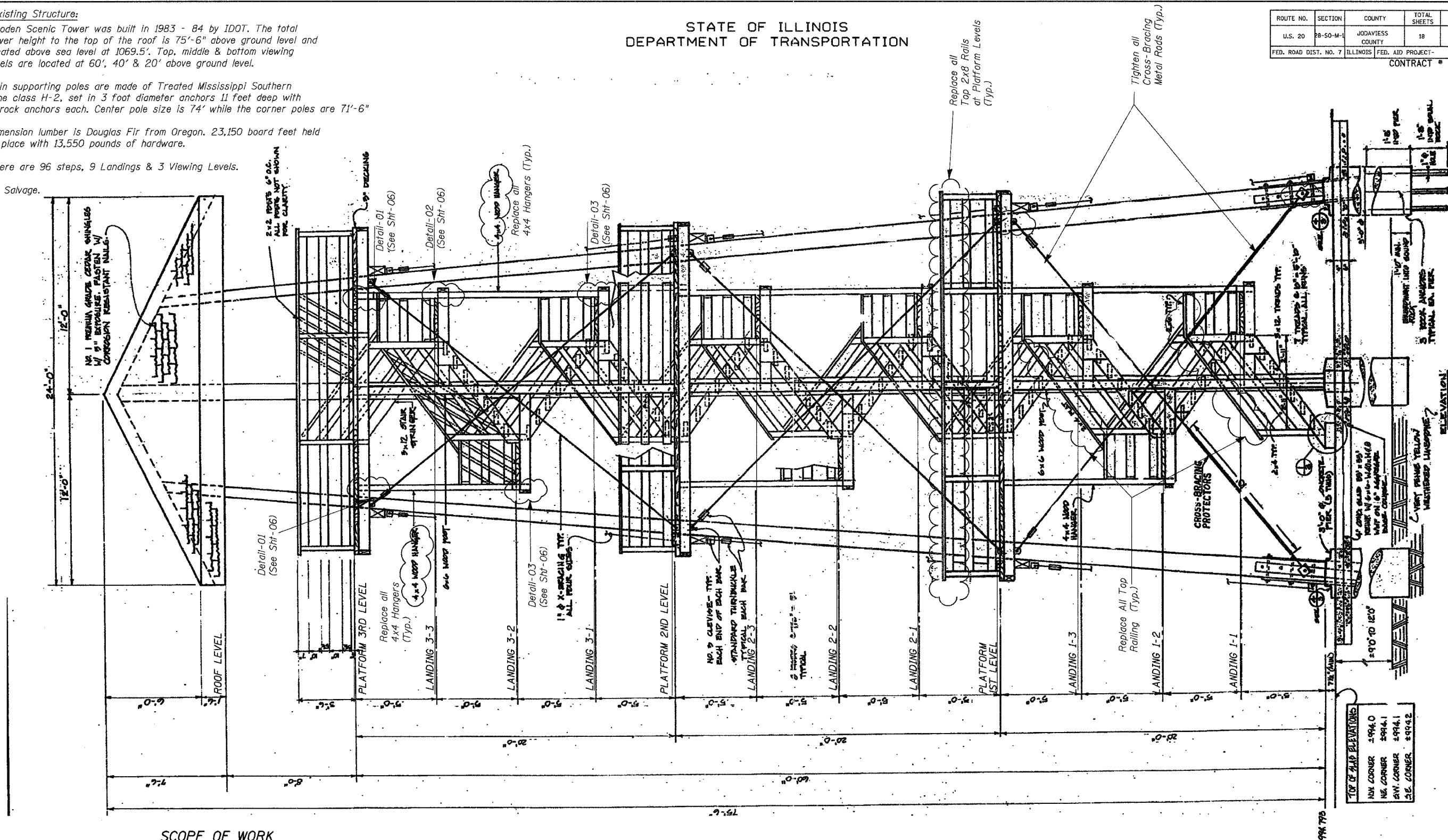
Dimension lumber is Douglas Fir from Oregon. 23,150 board feet held in place with 13,550 pounds of hardware.

There are 96 steps, 9 Landings & 3 Viewing Levels.

No Salvage.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 03 18 SHEETS
U.S. 20	28-50-M-1	JODAVIESS COUNTY	18	03	
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT- CONTRACT # 64C98					



SCOPE OF WORK

1. Treat the existing wooden structure with a water based preservative to avoid further drying out and grain splitting as per Special Provisions.
2. Replace all 4"x4" hanger supports and 3"x8" connecting beams at the landing levels.
3. Replace all split and cracked beams at platform levels and roof.
4. Replace all top rails at the platform levels.
5. Replace all existing steel fasteners that are either rusted, damaged, or have missing parts.
6. Tighten all cross bracing metal rods.
7. Replace all damaged stair railing posts.
8. Replace all top rails along the stairs and add a new steel handrail system for safety.

DESIGNED	I.L.
CHECKED	H.T.
DRAWN	R.A.
CHECKED	H.T./M.R.

TOWER ELEVATION
LONGHOLLOW SCENIC OVERLOOK REST AREA
TOWER REPAIRS
FAP RT. 301 (U.S. RT. 20), SECTION 28-50-M-1
JODAVIESS COUNTY

SCALE: NONE DATE: DECEMBER, 2006
Soodan Soodan & Associates, Inc.
100 North LaSalle Street, Suite 1800
Chicago, Illinois 60602

ELEVATION- EXISTING SCENIC TOWER
(NOT TO SCALE)