

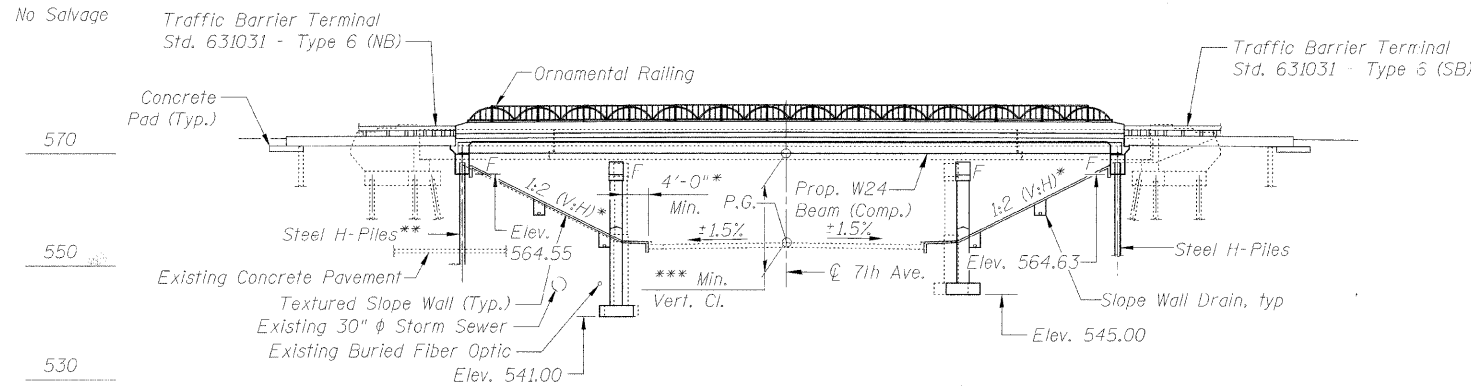
Bench Mark: B.M. #499 Chiseled square on top of Southwest wingwall Sta. 1546+48, 36' Lt. of IL-92, Elev. 574.05

Existing Structure: S.N. 081-0062, Built as F.A. Route 199, Sec. 1-HB in 1964. Three span, 132'-0" back to back of abutments, 66'-9" out to out. Superstructure consists of a R.C. deck on WF beams supported on multi-column piers and spill-through abutments. Structure to be removed and replaced. Traffic to be maintained during the reconstruction by staged construction.

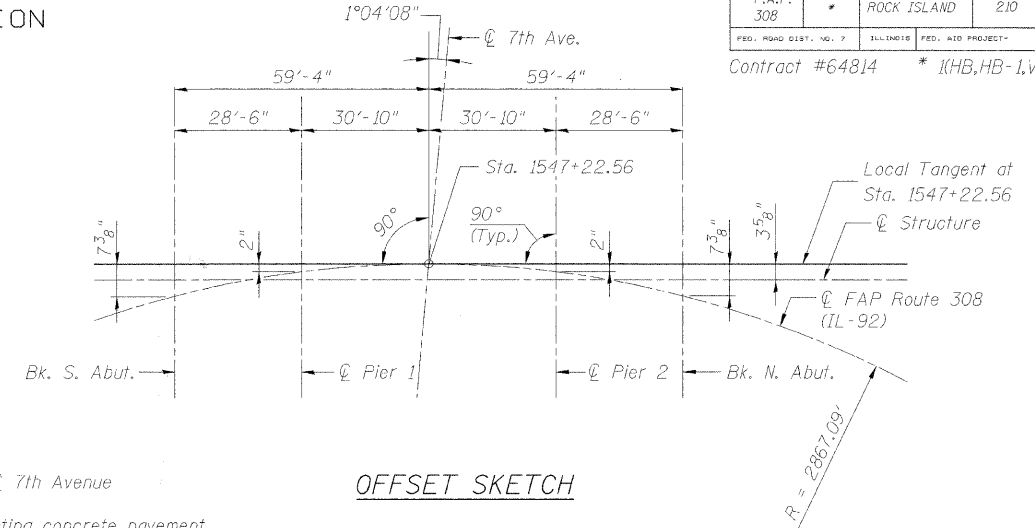
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO.
F.A.F. 308		ROCK ISLAND	210	176	27 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #64814 * (1HB, HB-1, VB, HB-2)R



ELEVATION



OFFSET SKETCH

HORIZ. CURVE DATA

∅ Exist. IL Route 92
 $\Delta = 43^\circ 55' 31''$ (RT)
 $D = 1^\circ 59' 54''$
 $R = 2,867.09'$
 $T = 1,156.20'$
 $L = 2,198.03'$
 $E = 224.35'$
 $S.E. = 2.00\%$
 $P.C. STA. = 1540+34.15$
 $P.T. STA. = 1562+32.18$
 $PI STA. = 1551+90.36$

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Rubel Arden
ENGINEER OF BRIDGES AND STRUCTURES

STATION 1547+22.56
 BUILT 20__ BY
 STATE OF ILLINOIS
 F.A. ROUTE 308 SEC. 1(HB)R
 LOADING HS20
 STRUCTURE NO. 081-0170

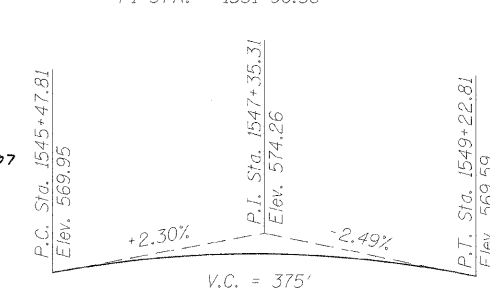
NAME PLATE
 Refer to Std. 515001



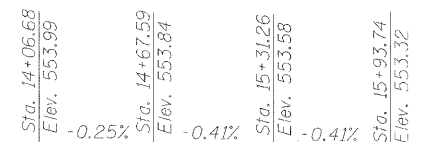
12/16/07
 SHEETS 1-19, 22-27



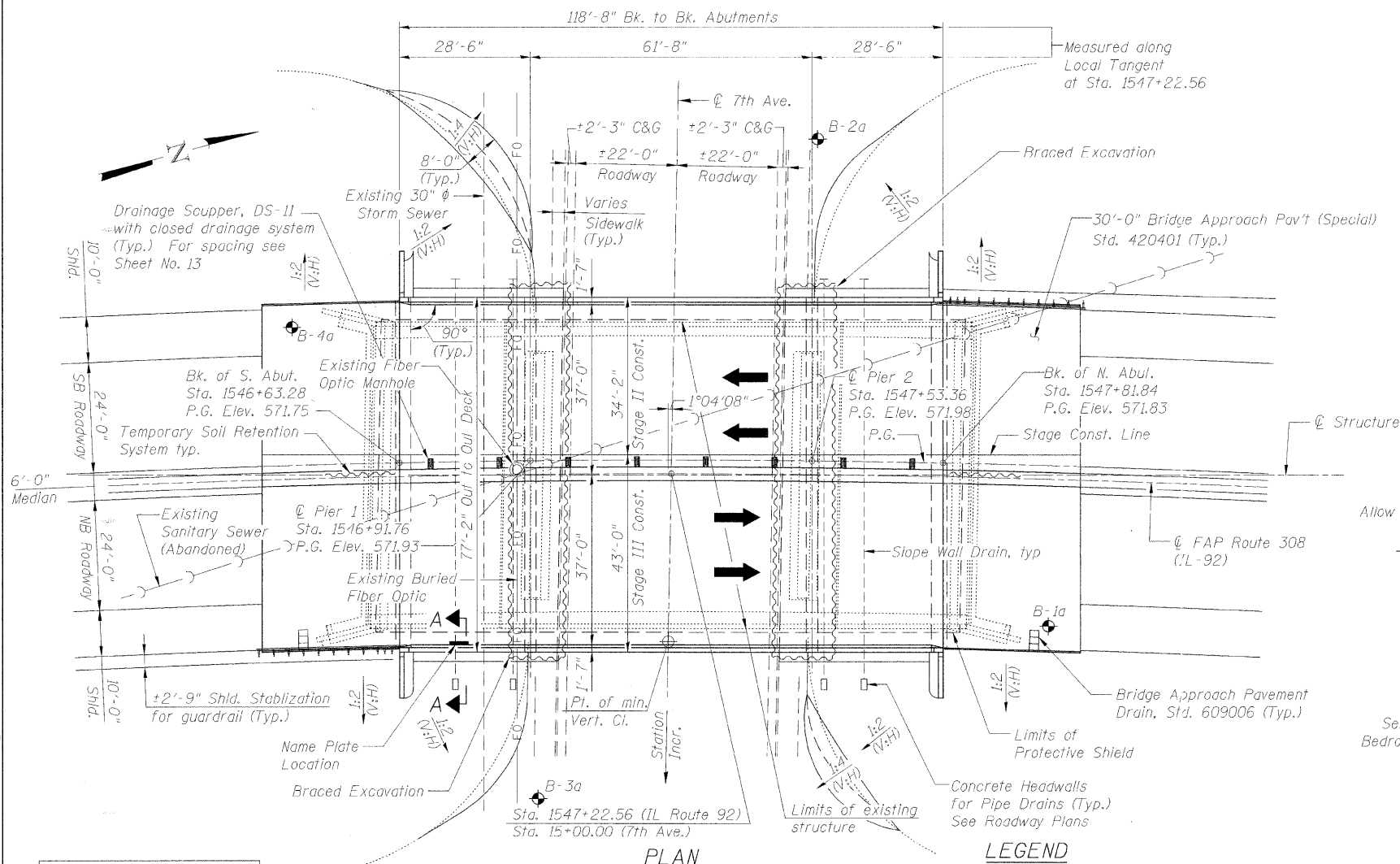
12/1/07
 EXP 11/30/08
 SHEETS 20, 21



PROPOSED PROFILE GRADE
IL-ROUTE 92



EXISTING PROFILE GRADE
7th AVENUE



PLAN

LOADING HS20-44
 Allow 50#/sq. ft. for Future Wearing Surface.

DESIGN SPECIFICATIONS
 2002 AASHTO - 17th Edition

DESIGN STRESSES

FIELD UNITS
 $f_c = 3,500$ psi
 $f_y = 60,000$ psi (reinforcement)
 $f_y = 50,000$ psi (Struct. Steel) (M270 Grade 50)

SEISMIC DATA

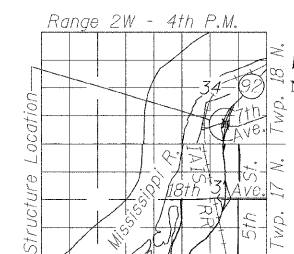
Seismic Performance Category (SPC) = A
 Bedrock Acceleration Coefficient (A) = 0.034g
 Site Coefficient (S) = 1.0

LEGEND

Indicates Soil Boring Location

NOTES

- For General Notes, Bill of Materials and Index of Sheets see Sheet No. 2
- For Section A-A and Slope Wall Drain detail, see Sheet No. 3
- For Temporary Soil Retention System, see Sheet No. 4



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
 IL ROUTE 92 (CENTENNIAL EXPRESSWAY)
 OVER 7th AVENUE
 FAP ROUTE 308 SEC. 1(HB)R
 ROCK ISLAND COUNTY
 STATION 1547+22.56
 STRUCTURE NO. 081-0170

DESIGNED	AMK
CHECKED	CMM
DRAWN	AMK
CHECKED	RWC

LOCHNER
 H.W. LOCHNER, INC., CHICAGO, ILLINOIS

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