

FOR INFORMATION ONLY

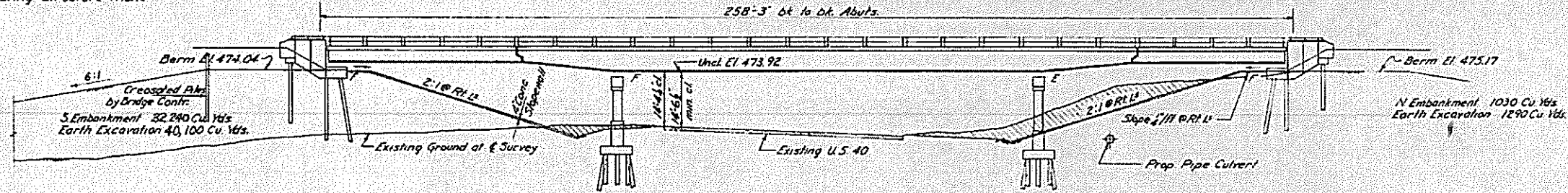
B.M. #4 Spike horiz. in P.P.
150' S.E. Sta. 343+72.06
on S. Side U.S. 40 El. 456.69
Existing Structure None

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

FAI-70

| NO. | DATE | QUANTITY | TOTAL QUANTITY | REMARKS |
|-------|----------|----------|----------------|---------|
| FAI 7 | 10/15/53 | 1 | 32 | |
| | 10/15/53 | 1 | 72 | |
| | | | 4 | |

SHEET 1 OF 14



PROFILE & EXIST. U.S. 40

PILES FOR METHOD II

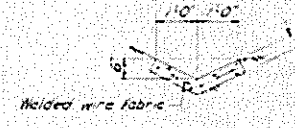
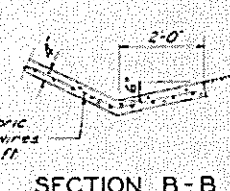
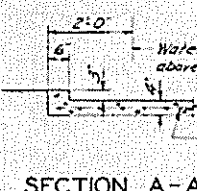
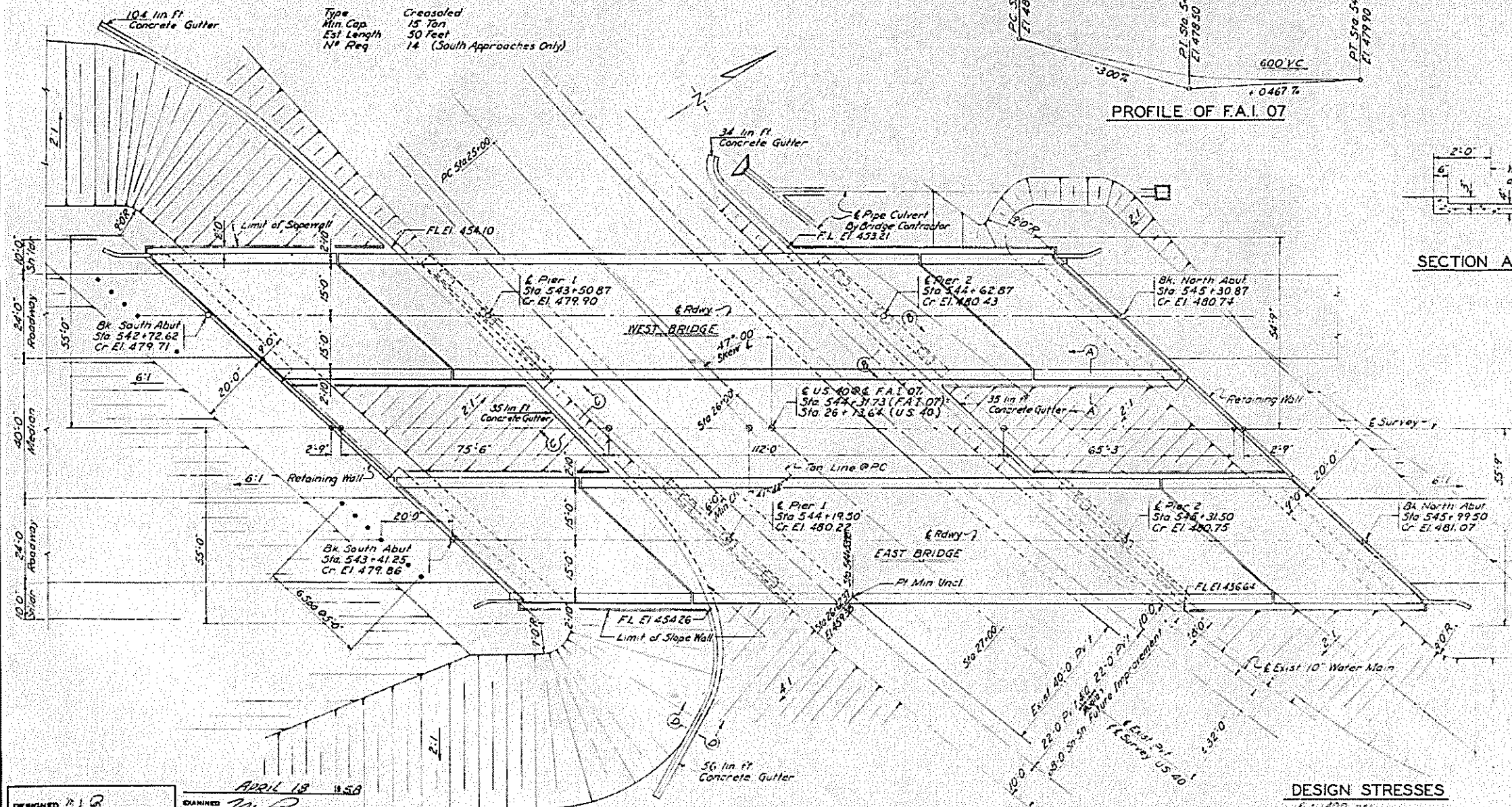
Standard 1908-R
Type Creosoted
Min. Cap. 15 Tons
Est. Length 50 Feet
No. Req. 14 (South Approaches Only)

ELEVATION
Scale 1/8" = 1'-0"

PROFILE OF F.A.I. 07

HORIZONTAL CURVE DATA
& EXIST. U.S. 40

$\Delta = 53^\circ 38'$ $D = 4^\circ 14' 33.34''$
 $R = 1351.77'$ $F = 683.32'$
 $L = 1265.27'$ $S = 0.061$



PLAN
Scale 1/8" = 1'-0"

DESIGN STRESSES

$f_c = 4000$ psi
 $f_s = 20,000$ psi (Reinf.)
 $f_s = 18,000$ psi (Struct.)
Max. V. in Pier Flg. 75 psi
 $n = 10$

GENERAL PLAN & ELEVATION
F.A.I. OVER U.S. RT 40
PROJECT
F.A.I. ROUTE 7 SECTION 60-7HB-2-F
MADISON COUNTY
STATION 544+31.73

HANSON, COLLINS & RICE
CONSULTING ENGINEERS

| | |
|------------------|------------------------|
| DESIGNED: M.J.R. | EXAMINED: M.J.R. |
| CHECKED: V.F.S. | APPROVED: R.H. Paulsen |
| DRAWN: V.F.S. | |
| CHECKED: M.J.R. | |

Note: Concrete Gutter is incidental to Slope Wall and will not be paid for separately. The quantity of Slope Wall does not include the Concrete Gutters.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE DETAILS
(SN 060-0014 & 0015)

| | | | | | | | | | | |
|-------------------|---------------------|-----------------|----------------|---|--|---------------------|---------------------------|-----------------|------------------|--------------------|
| FILE NAME: #FILE# | USER NAME: #USER# | DESIGNED: _____ | REVISED: _____ | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | EXISTING STRUCTURE DETAILS (SN 060-0014 & 0015) | F.A.I. RTE: 55/70 | SECTION: 60-7HB-P | COUNTY: MADISON | TOTAL SHEETS: 25 | SHEET NO.: 5 |
| | PLOT SCALE: #SCALE# | DRAWN: _____ | REVISED: _____ | SCALE: N/A | SHEET NO. OF SHEETS | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 76C64 |
| | PLOT DATE: #DATE# | CHECKED: _____ | REVISED: _____ | | STA. TO STA. | | | | | |