

F. A. U. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	1288 RS	COOK	22	9
STA.	34+00	TO STA.	54+45	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

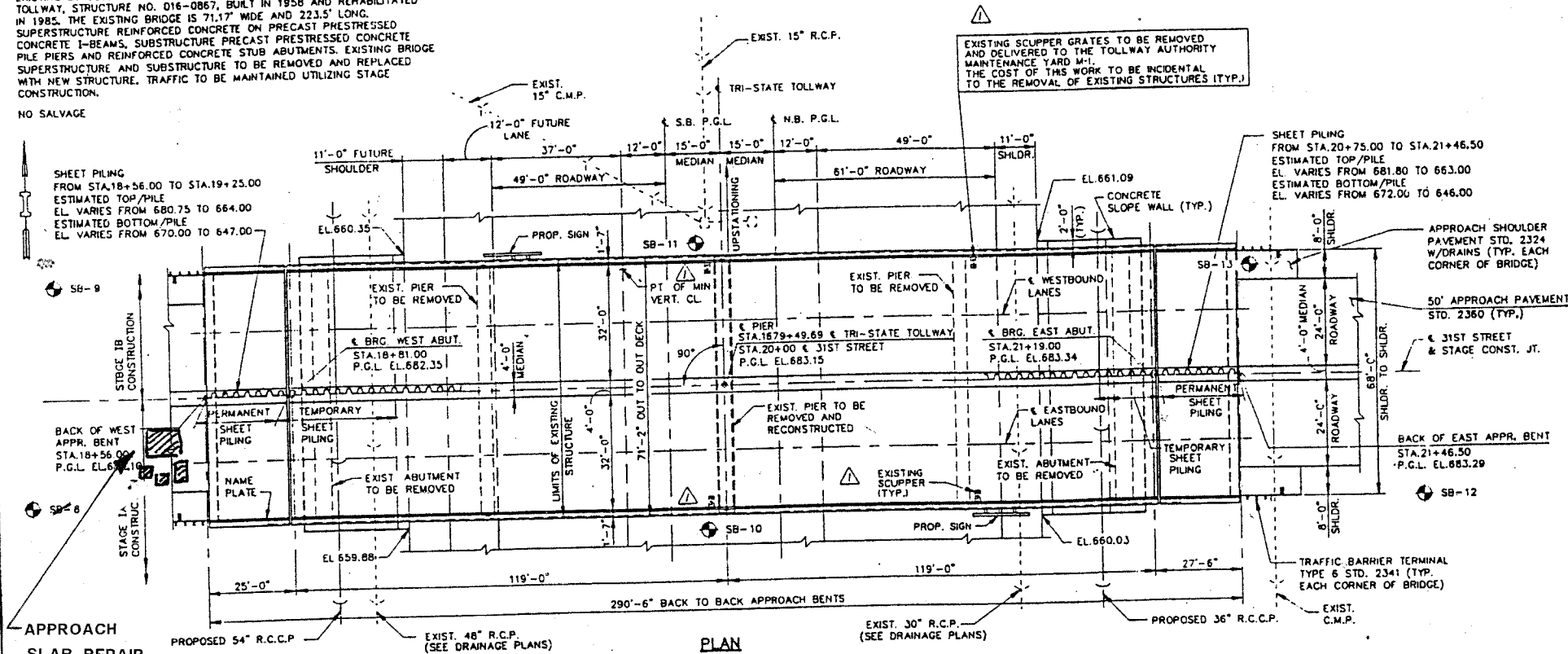
016-0867

62783

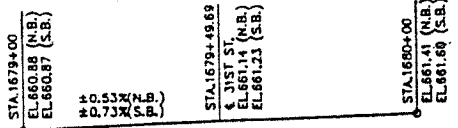
B.M. R.R. SPIKE IN S. SIDE P.P. N. SIDE OF 31ST STREET
E. END OF BRIDGE ELEV. 668.99

EXISTING STRUCTURE: STA. 20+00.00, 31ST STREET OVER TRI-STATE TOLLWAY, STRUCTURE NO. 016-0867, BUILT IN 1958 AND REMEDIATED IN 1985. THE EXISTING BRIDGE IS 71.17' WIDE AND 223.5' LONG. SUPERSTRUCTURE REINFORCED CONCRETE ON PRECAST PRESTRESSED CONCRETE I-BEAMS, SUBSTRUCTURE PRECAST PRESTRESSED CONCRETE PIER PIERS AND REINFORCED CONCRETE STUB ABUTMENTS. EXISTING BRIDGE SUPERSTRUCTURE AND SUBSTRUCTURE TO BE REMOVED AND REPLACED WITH NEW STRUCTURE. TRAFFIC TO BE MAINTAINED UTILIZING STAGE CONSTRUCTION.
NO SALVAGE

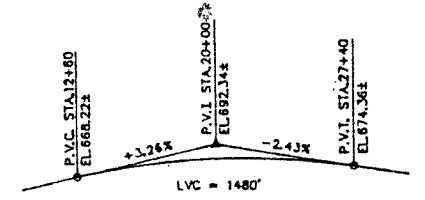
SHEET PILING FROM STA. 18+56.00 TO STA. 19+25.00
ESTIMATED TOP/PILE EL. VARIES FROM 680.75 TO 664.00
ESTIMATED BOTTOM/PILE EL. VARIES FROM 670.00 TO 647.00



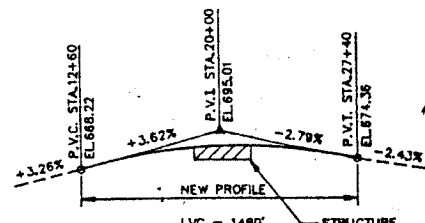
EXISTING PROFILE GRADE TOLL HIGHWAY



NEW PROFILE GRADE TOLL HIGHWAY

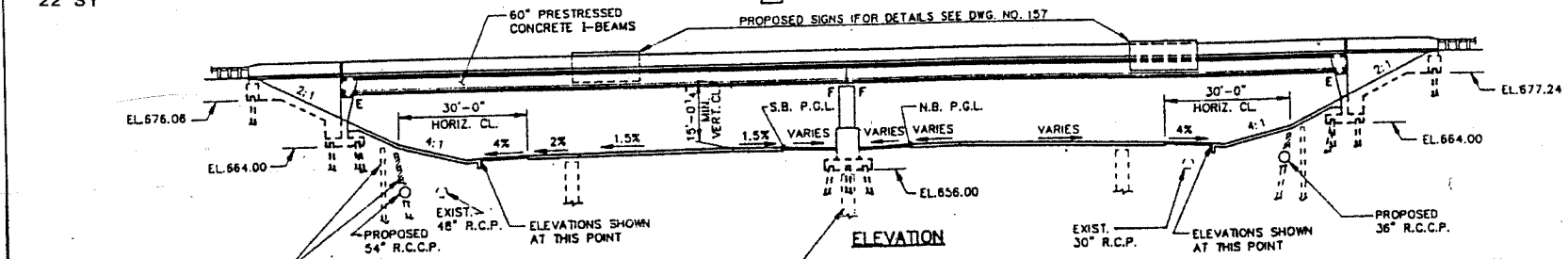


EXISTING PROFILE GRADE 31ST STREET (ALONG FACE OF MEDIAN)



NEW PROFILE GRADE 31ST STREET (ALONG FACE OF MEDIAN)

APPROACH SLAB REPAIR
22 SY



EXISTING ABUTMENT CONCRETE PILES SHALL BE CUT AND REMOVED TO A MINIMUM DEPTH OF 1'-0" BELOW THE FINAL GRADE ELEVATIONS. EXISTING PILES WHICH INTERFERE WITH PROPOSED R.C.C.P. SHALL BE CUT AND REMOVED A MINIMUM DEPTH OF 1'-0" BELOW THE BOTTOM OF PIPE. THE BOTTOM OF PIPE. MATERIAL EXCAVATED FOR THE PILE REMOVAL SHALL BE REPLACED WITH POROUS GRANULAR BACKFILL COMPACTED IN PLACE. THE COST OF THIS WORK TO BE INCIDENTAL TO REMOVAL OF EXISTING STRUCTURES. (TYP. EACH ABUTMENT)

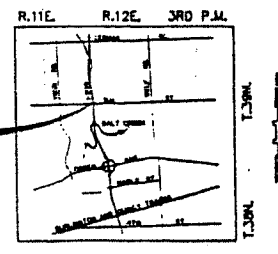
EXISTING PIER PRECAST CONCRETE CYLINDER PILES SHALL BE CUT AND REMOVED TO A MINIMUM DEPTH OF 1'-0" BELOW THE BOTTOM OF NEW PIER FOOTING OR FINAL SUBGRADE ELEVATIONS. MATERIAL EXCAVATED FOR THE PILE REMOVAL SHALL BE REPLACED WITH POROUS GRANULAR BACKFILL, COMPACTED IN PLACE. THE COST OF THIS WORK TO BE INCIDENTAL TO REMOVAL OF EXISTING STRUCTURES. (TYP.)

STA. 20+00.00 BUILT 199 BY STATE OF ILLINOIS F.A.U. RT. 1467 SEC. 1-5-108-R(82) LOADING HS20 STR. NO. 016-0867
NAME PLATE REFER TO STD. 2113



ISSUED FOR CONSTRUCTION
JAN 14 1992
EXP. 11-30-92

LEGEND
E EXPANSION BEARING
F FIXED BEARING
N.B. NORTHBOUND
S.B. SOUTHBOUND
--- INDICATES EXISTING STRUCTURE
⊙ INDICATES SOIL BORING LOCATION



SHEET 61 OF 528

DRAWN OS	DATE 10/19/11
CHECKED RWC	SCALE N.T.S.

H.W. LOCHNER, INC.
CONSULTING ENGINEERS
CHICAGO - WASHINGTON - BOSTON - FLORIDA



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
EAST-WEST TOLLWAY AND MIDWEST ROAD
OAK BROOK, ILLINOIS 60521

NO.	DATE	DESCRIPTION
1	11-25-91	ADDENDUM NO. 2

CONTRACT CIP-661
GENERAL PLAN AND ELEVATION
31ST STREET OVER TRI-STATE TOLLWAY

DRAWING NO. 262 OF 417

ILLINOIS DEPARTMENT OF TRANSPORTATION

31st STREET
BRIDGE PATCH DETAIL

REVISIONS	
NAME	DATE

SCALE: VERT. NONE
HORIZ. NONE
DATE FEB. 22, 2004

DRAWN BY FRITZ
CHECKED BY R.W.

3-FEB-89 14:07:20
ZF4E110.01610134688AA.DGN
LEVELS = 35