

Bench Mark: Chiseled "X" on S. flange bolt of F.H. on W. side of Peoria Street first F.H. S. of Van Buren Street.
Elev. 594.37

Existing Structure: None.

Traffic is to be maintained during construction.

APPROVED
For Structural Adequacy Only

P. Cal Penney, P.E.
Engineer of Bridges & Structures

CURVE DATA

(Ramp SW)
Prop. Curve P-CIR-SW-3
P.I. Sta. = 1322+16.98
 $\Delta = 83^\circ 35' 08''$
 $D = 10^\circ 03' 07''$
 $R = 570.00'$
 $T = 509.51'$
 $L = 831.54'$
 $E = 194.53'$
 $e = 5.40\%$
 $T.R. = NA$
 $S.E. Run = 101'$
P.C. Sta. = 1317+07.47
P.T. Sta. = 1325+39.01

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications
6th Edition with 2013 Interim Revisions

DESIGN STRESSES

FIELD UNITS

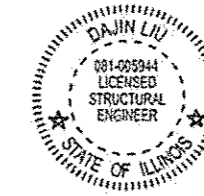
$f'c = 3,500 \text{ psi}$
 $f_y = 60,000 \text{ psi (Reinforcement)}$

PRECAST UNITS

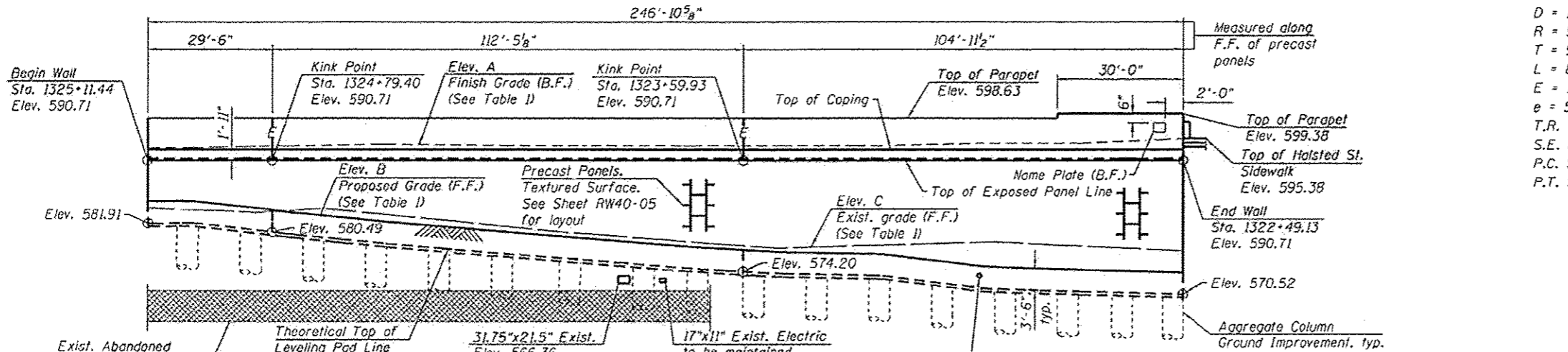
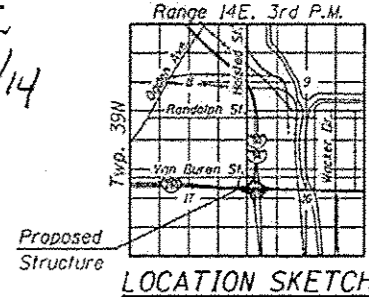
$f'c = 4,500 \text{ psi}$

Notes:

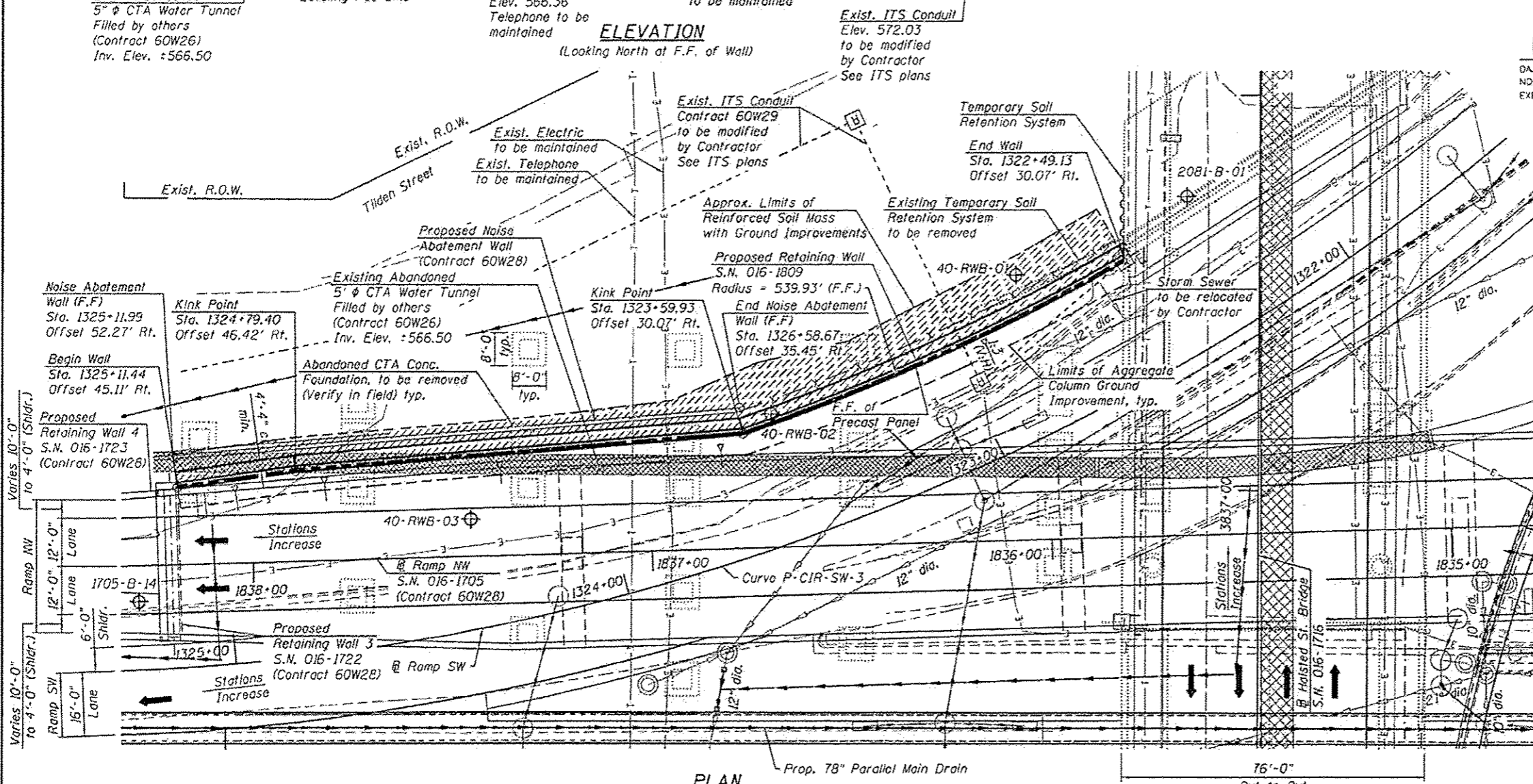
- 1.) See Sheet RW40-02 for Table 1.
- 2.) See Sheet RW40-06 for locations of Ground Aggregate Columns.
- 3.) F.F. denotes Front Face.
- 4.) B.F. denotes Back Face.



Was S.
DAJIN LIU, P.E., S.E.
NO. 081-005944
EXP. DATE 11/30/2014
3/28/14



ELEVATION
(Looking North at F.F. of Wall)



PLAN

LEGEND:

- Prop. Chain Link Fence — X — X — X — X
- Combined Sewer —>>>>>>>>>>>>>>
- Electric — E — E — E — E — E
- Ex. Storm Sewer — o — o — o — o — o
- Prop. Storm Sewer — — — — — — — — — —
- Telephone — T — T — T — T — T
- Ex. ITS Cable — — — — — — — — — —
- Prop. ITS Conduit — — — — — — — — — —
- Soil Boring — ⊕
- Bulkheaded Tunnel (by others) — [hatched symbol]

GENERAL PLAN AND ELEVATION
RETAINING WALL 40 ALONG
F.A.I. RTE. 90/94 (KENNEDY EXPRESSWAY)
SECTION 2013-010R
RAMP SW
COOK COUNTY
STATION 1322+49.13 TO STATION 1325+11.44
STRUCTURE NO. 016-1809

DESIGNED - KAH	CHECKED - DL/BJC	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		SHEET NO. RW40-01 OF RW40-12 SHEETS	
PLDT SCALE = 3/8" = 1'	DRAWN - RLS	REVISIONS -			F.A.I. RTE. 90/94	SECTION 2013-010R
PLDT DATE = 4/28/2014	CHECKED - DL/BJC	REVISIONS -			COUNTY COOK	TOTAL SHEETS 747 568
					CONTRACT NO. 60W28	(ILLINOIS) FED. AID PROJECT