

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

Existing Structure: None.

Traffic Control: Traffic to be maintained on existing SN 016-2449 (NB I-90/94 to WB I-290) during construction.

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

**DESIGN STRESSES**

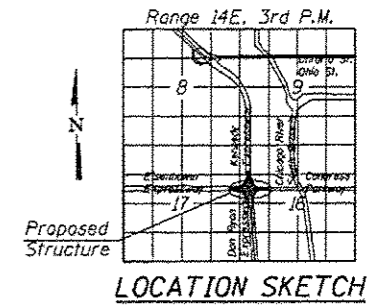
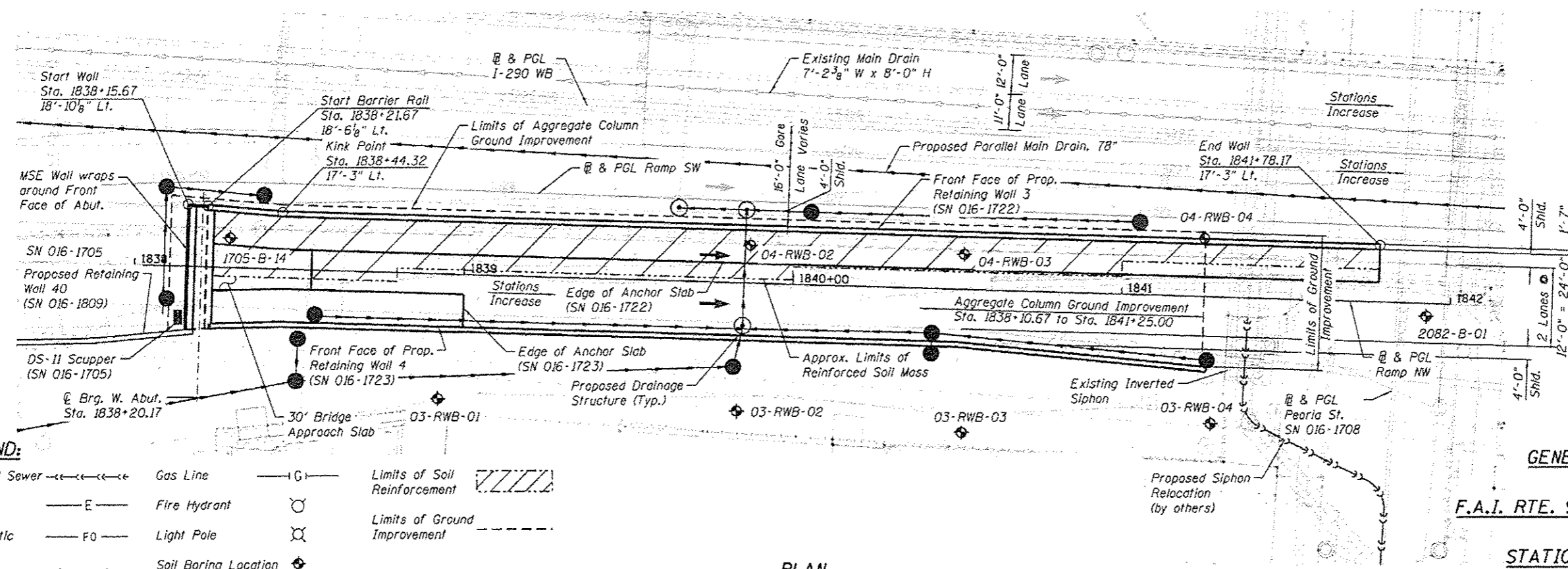
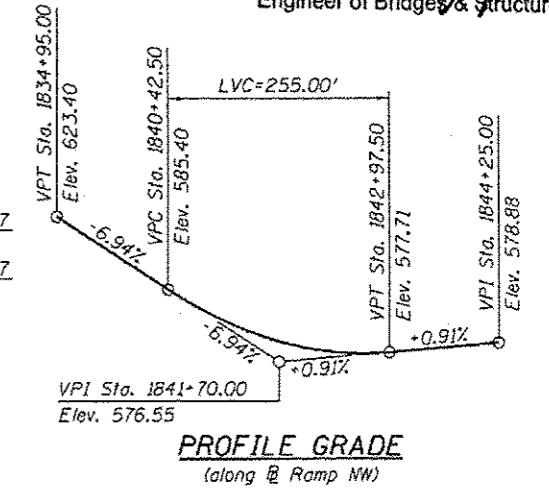
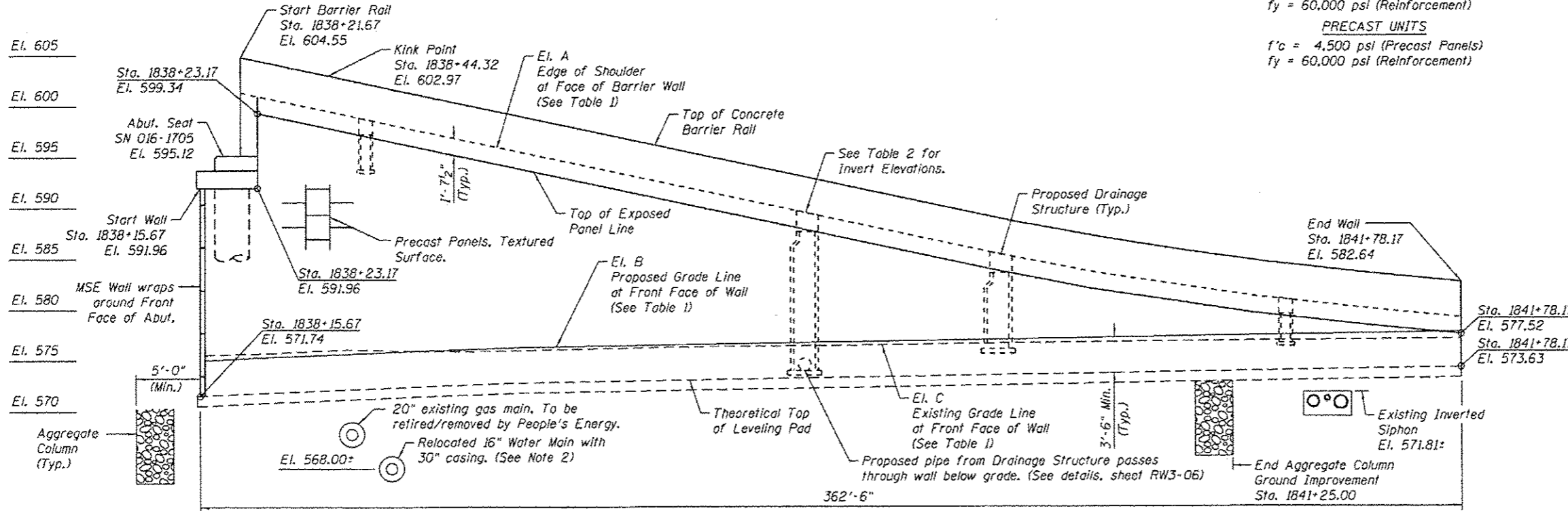
**FIELD UNITS**  
f'c = 3,500 psi (Cast-in-Place)  
fy = 60,000 psi (Reinforcement)

**PRECAST UNITS**  
f'c = 4,500 psi (Precast Panels)  
fy = 60,000 psi (Reinforcement)

**NOTES:**

- See sheet RW3-03 for Tables 1 and 2.
- Existing Water Main to be relocated in this contract prior to wall construction. See Water Main plans.

**APPROVED**  
For Structural Adequacy Only  
*P. Carl Loney*  
Engineer of Bridges & Structures



*Brad M. Radovich* 04/29/2014  
BRAD M. RADOVICH DATE  
LICENSE EXPIRES 11/30/2014

**GENERAL PLAN & ELEVATION**  
**RETAINING WALL 3**  
F.A.I. RTE. 90/94/290 - SECTION 2013-010R  
COOK COUNTY  
STATION 1838+15.67 TO 1841+78.17  
STRUCTURE NO. 016-1722

**LEGEND:**

- |                      |                      |                              |
|----------------------|----------------------|------------------------------|
| Combined Sewer       | Gas Line             | Limits of Soil Reinforcement |
| Electric             | Fire Hydrant         | Limits of Ground Improvement |
| Fiber Optic          | Light Pole           |                              |
| Existing Storm Sewer | Soil Boring Location |                              |
| Water Line           | Proposed Storm Sewer |                              |

<b>AECOM</b>	USER NAME : dunkerleyb	DESIGNED - DEV	REVISIONS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET NO. RW3-01 OF RW3-12 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLAT SCALE : N.T.S.	CHECKED - ATB	REVISED			90/94/290	2013-010R	COOK	747	545	
	PLAT DATE : 4/28/2014	DRAWN - BRD	REVISED			CONTRACT NO. 60W28					
		CHECKED - EJO	REVISED			ILLINOIS FED. AID PROJECT NUMBER					