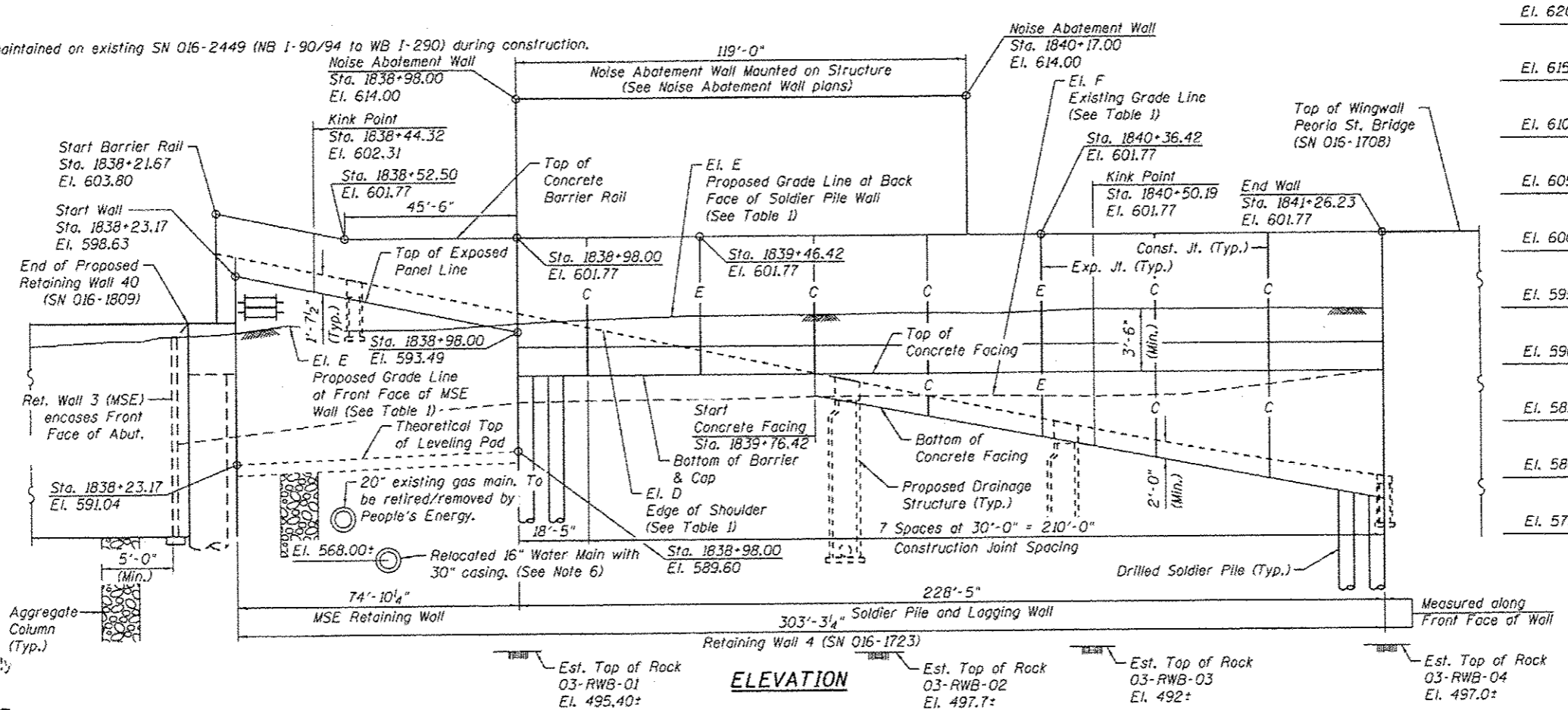


Bench Mark: Chiseled "X" on S. flange bolt of F.H. on W. side of Peoria St. First F.H. S. of Van Buren St. Elev. = 594.37

Existing Structure: None.

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



El. 620
El. 615
El. 610
El. 605
El. 600
El. 595
El. 590
El. 585
El. 580
El. 575

- NOTES:**
1. See sheet RW4-02 for Table 1.
  2. See sheet RW3-08 for Limits of Aggregate Column Ground Improvement.
  3. See Noise Abatement Wall plans for Noise Abatement Wall details.
  4. See bridge plans (SN 016-1705) for approach slab details and civil plans for roadway details.
  5. See drainage plans for proposed 78" main drain location and details.
  6. Existing Water Main to be relocated in this contract prior to wall construction. See Water Main plans.

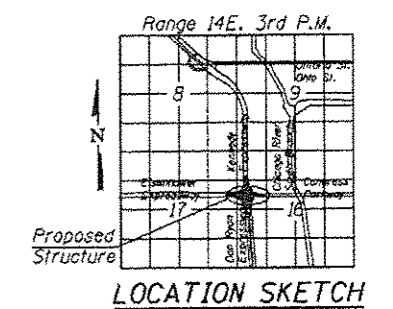
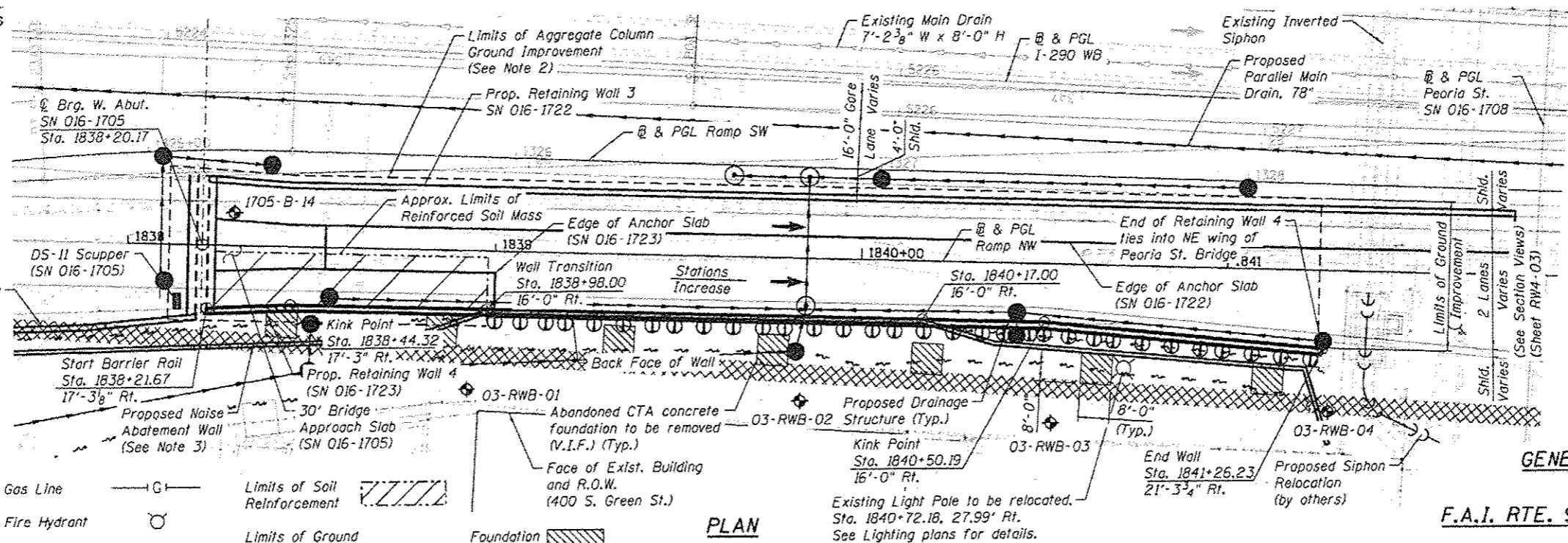
**DESIGN STRESSES**

**FIELD UNITS**  
 $f'_c = 3,500$  psi (Cast-in-Place)  
 $f_y = 60,000$  psi (Reinforcement)

**PRECAST UNITS**  
 $f'_c = 4,500$  psi (Precast Panels)  
 $f_y = 60,000$  psi (Reinforcement)

**SOLDIER PILES**  
 $f_y = 50,000$  psi (AASHTO M270 Gr. 50)

**APPROVED**  
 For Structural Adequacy Only  
*D. Carl Puzos, JES*  
 Engineer of Bridges & Structures



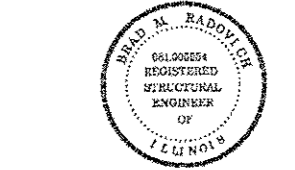
**LEGEND:**

Combined Sewer	Gas Line	Limits of Soil Reinforcement
Electric	Fire Hydrant	Limits of Ground Improvement
Fiber Optic	Light Pole	Existing Abandoned CTA Water Tunnel - Filled by others. (Contract 60W26)
Existing Storm Sewer	Soil Boring Location	Existing Fence
Water Line	Proposed Storm Sewer	

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

**NOISE WALL WIND LOADING**  
 35 psf (Structure Mounted)

**GENERAL PLAN & ELEVATION**  
**RETAINING WALL 4**  
 F.A.I. RTE. 90/94/290 - SECTION 2013-01OR  
 COOK COUNTY  
 STATION 1838+23.17 TO 1841+26.23  
 STRUCTURE NO. 016-1723



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

0161723-60W28-S01-GPE

<b>AECOM</b>	USER NAME: dunkerleyb	DESIGNED - DEV	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHEET NO. RW4-01 OF RW4-15 SHEETS
	PLT SCALE: N.T.S.	CHECKED - ATB	REVISED		
	PLT DATE: 4/28/2014	DRAWN - BRD	REVISED		
		CHECKED - EJO	REVISED		

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-01OR	COOK	747	555
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT NUMBER	