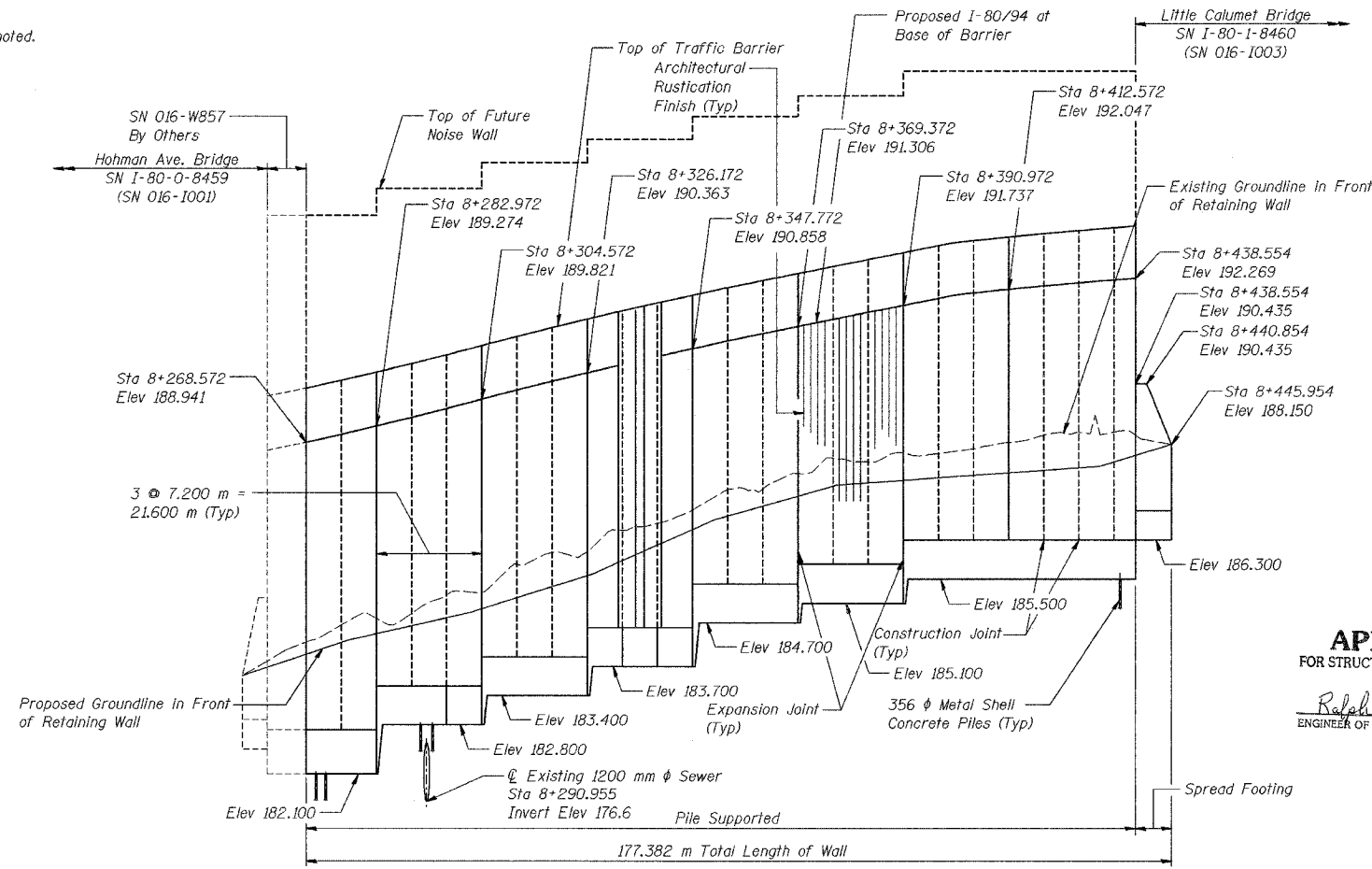


Benchmark: Chiseled box on Northeast corner of Crashwall on I-80 Hohman Avenue on Eastbound side of Expressway. Station 8+259.5 Offset 18.1 Rt. Elevation = 189.171
 Existing Structure: None
 All dimensions in millimeters (mm) except as noted.

ROUTE NO.	SECTION	COUNTY	SHEETS	POST	SHEET NO. S-1 20 SHEETS
I-80/94	2626.2-R-1	LAKE COUNTY, INDIANA	452	196	
ILLINOIS FEDERAL PROJECT					CONTRACT NO. 62113 INDOT DES. NO. 0100987



- LEGEND**
- Soil Boring Location
 - Existing Roadway/Structure
 - Proposed Roadway/Structure
 - Tree
 - Shrubs/Brush
 - Proposed Storm Sewer
 - Existing Sanitary Sewer
 - Existing Storm Sewer
 - Existing Gas Line
 - Existing Water Main
 - Electrical Aerial Cable
 - Temporary Sheet Piling

LOADING
 Wind Load on Future Noise Wall = 1.7 kPa

DESIGN STRESSES
 FIELD UNITS
 $f'_c = 24$ MPa
 $f_y = 400$ MPa (Reinf.)
 Maximum Applied Soil Bearing Pressure = 55 MPa

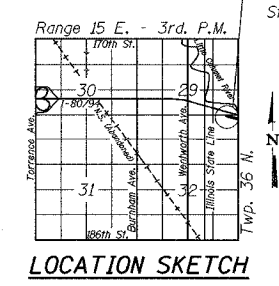
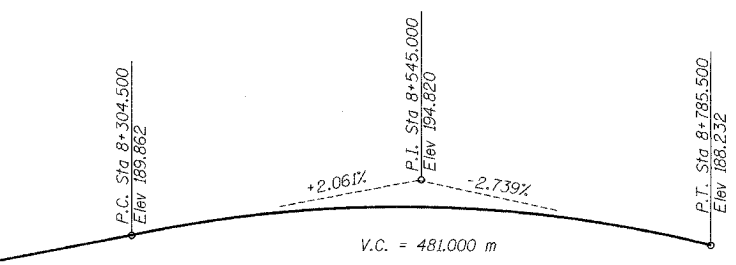
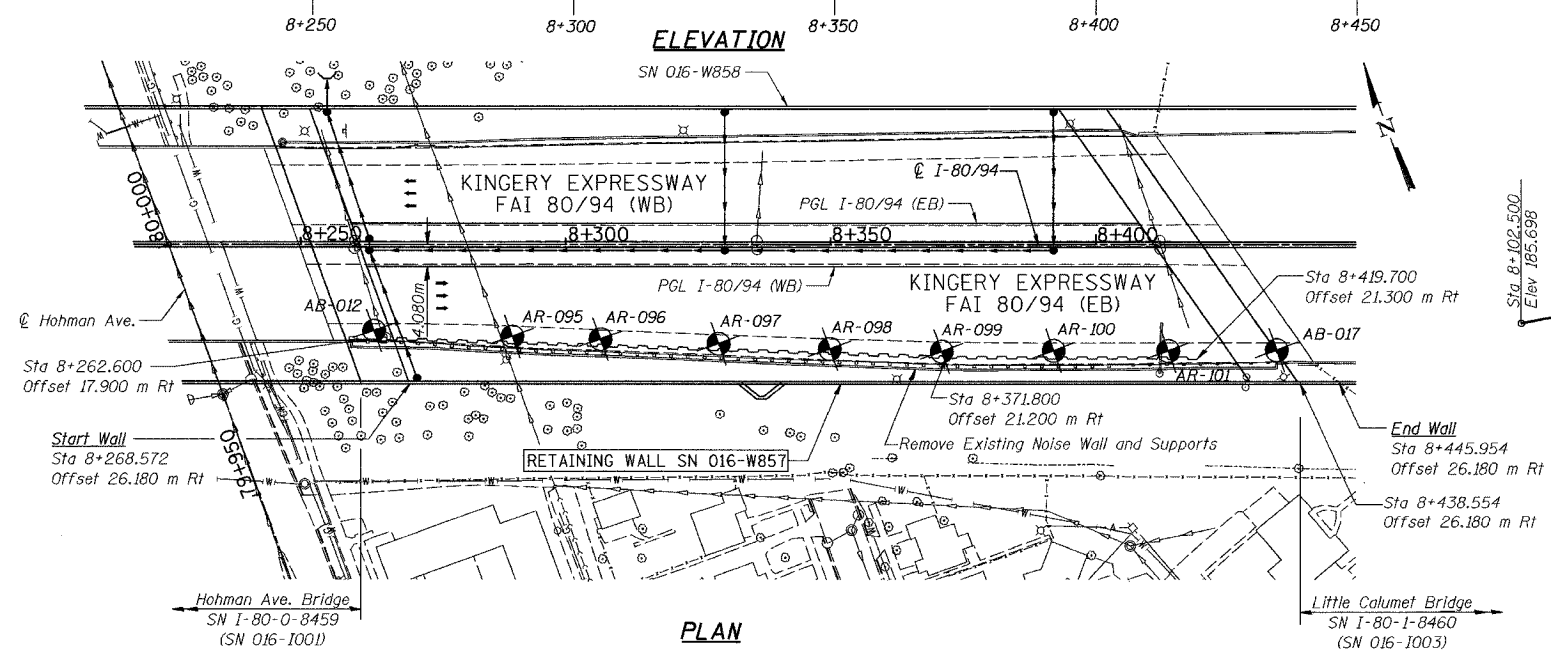
DESIGN SPECIFICATIONS
 AASHTO 2002 Standard Specifications for Highway Bridges
 AASHTO 1989 Guide Specifications for Structural Design of Sound Barriers and 1992 Interlms

APPROVED
 FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
 ENGINEER OF BRIDGES AND STRUCTURES



Gary S. Powell
 GARY S. POWELL, S.E.
 IL. LIC. NO. 081-004771
 EXP 11-30-2004
 DATE 9-16-2004

Gary S. Powell
 GARY S. POWELL, P. E.
 IN. LIC. NO. 10403944
 EXP 7-31-2004
 DATE 9-16-2004



DESIGNED	MJW
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-80/94/US 6
 KINGERY-BORMAN EXPRESSWAY
 BURNHAM ROAD TO US 41

GENERAL PLAN
 SECTION 2626.2-R-1
 LAKE COUNTY, INDIANA
 STATION 8+268.572 TO STATION 8+445.954
 STRUCTURE NO. 016-W857
 DATE 07/04

AMERICAN
 CONSULTING ENGINEERS