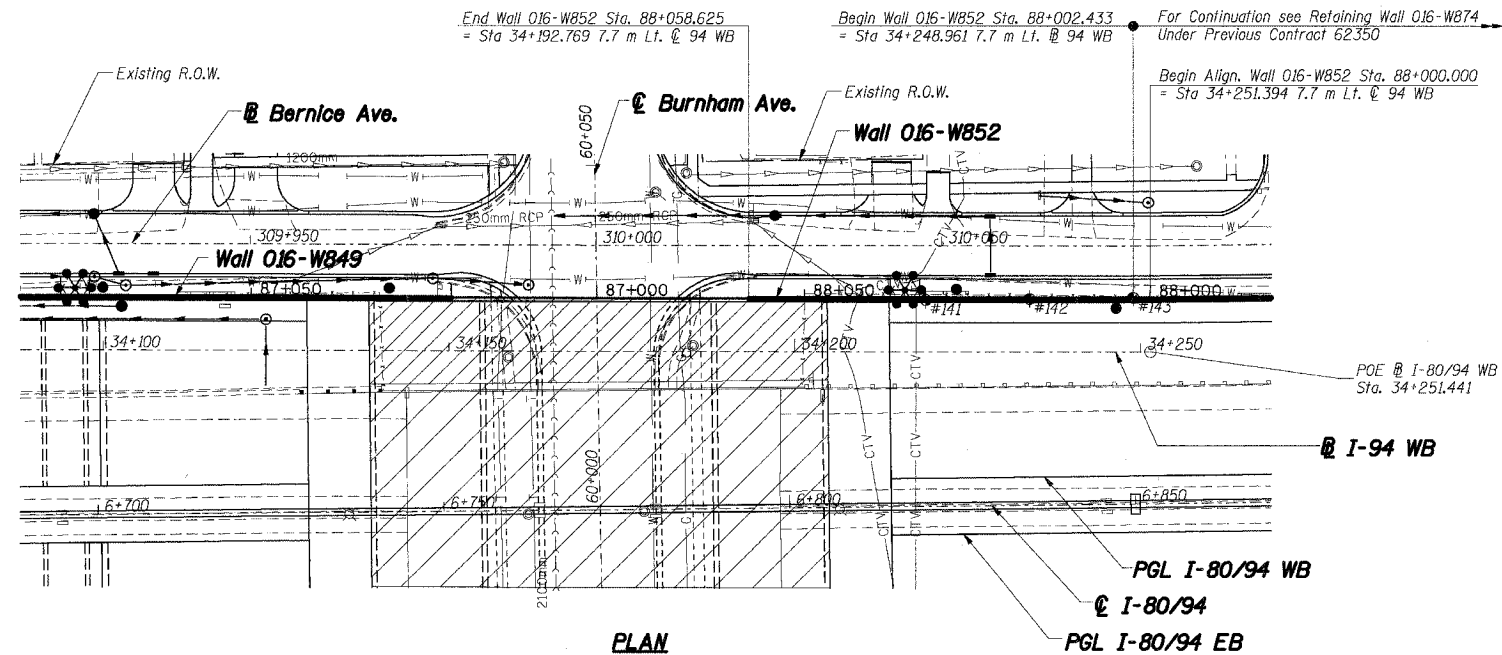


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK	1207	780
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 62114				



LEGEND

- * High Mast Light Tower (By others, Contract No. 62664)
- Existing Storm Sewer
- Proposed Storm Sewer
- #5 Soil Boring
- Proposed Manhole
- Proposed Manhole
- ▭ Proposed Catch Basin
- ▭ Proposed Inlet
- ▭ Proposed Retaining Wall
- ▭ Proposed Pavement
- W- Existing Water Main, See Drainage Plans
- T- Existing Telephone
- G- Existing Gas, See Drainage Plans
- CTV- Existing Cable Television
- Proposed R.O.W.
- Existing R.O.W.
- ▨ Proposed Bridge Structure Constructed in this Contract
- ▨ Proposed Bridge Structure Constructed in Future Contract

DESIGN SPECIFICATIONS:

1996 AASHTO Standard Specifications for Highway Bridges with 1997 thru 2000 and 2002 Interims.

1989 AASHTO Guide Specifications for Structural Design of Sound Barriers with 1992 Interims.

DESIGN LOADING:

Noise Abatement Wall:
Wind Load: 1.7 kPa
Limits: Sta. 88+002.433 to Sta. 88+046.715
Design Height: 2.86m measured from Top of Retaining Wall

DESIGN STRESSES:

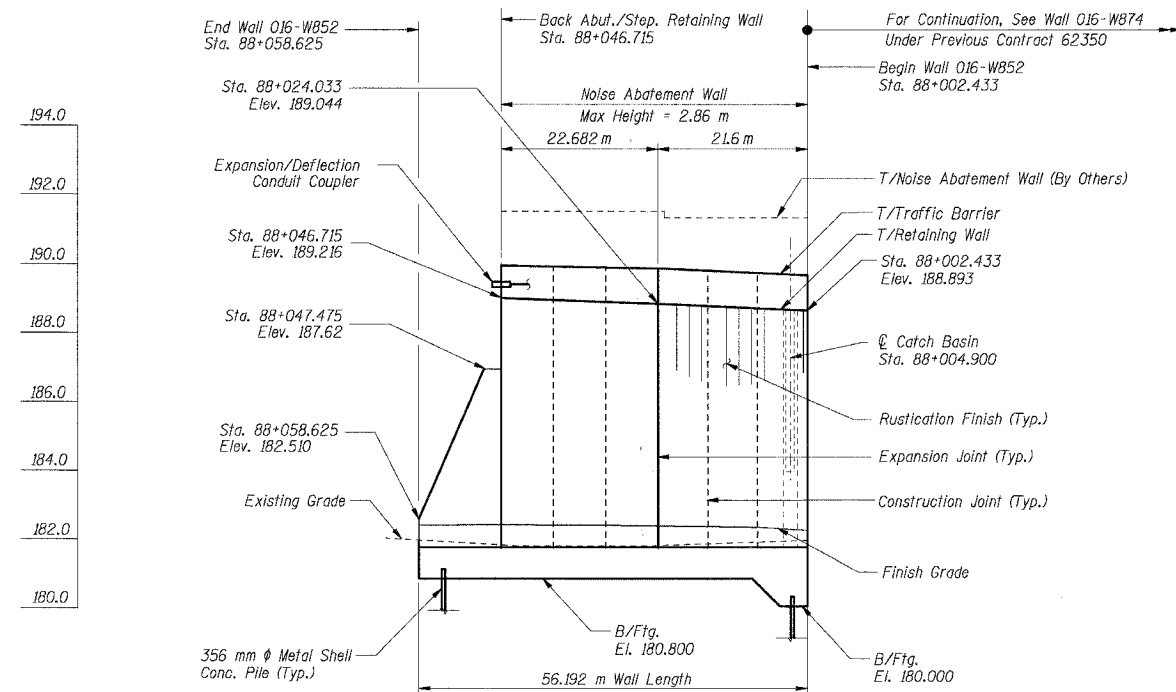
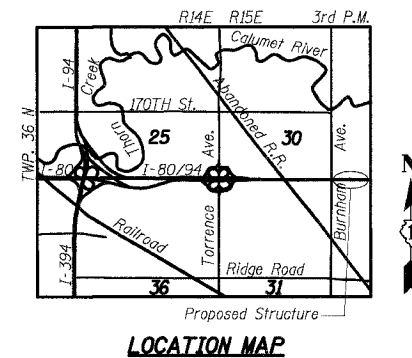
Concrete, f'c: 24 MPa
Reinforcement, fy: 400 MPa

BENCHMARK:

BM "6E" Square cut in northwest corner of the southwest handrail (J-Wall) at the southwest abutment of existing I-80 bridge over Burnham Ave. El. 187.309

EXISTING STRUCTURE:

None



Notes:

1. All dimensions are measured along front face of retaining wall.
2. Wall alignment offsets are referenced to front face of wall.
3. See Sht. RW852-2 for Index of Sheets.

THIS SHEET FOR INFORMATION ONLY

SHT. RW852-1 OF 14

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB OUTSIDE LANES (MAINLINE) CONSTRUCTION
RETAINING WALL - STRUCTURE NO. 016-W852
SECTION (2425 & 2626) R-1
COOK COUNTY

GENERAL PLAN & ELEVATION

DATE: 8/18/2004

DRAWN BY: MJK
CHECKED BY: MJK

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS



7-1-2005, 133545
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 12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30.31.32.33.34.35.36.37.38.39.40.41.42.43.44.45.46.47.48.49.50.51.52.53.54.55.56.57.58.59.60.61.62.63