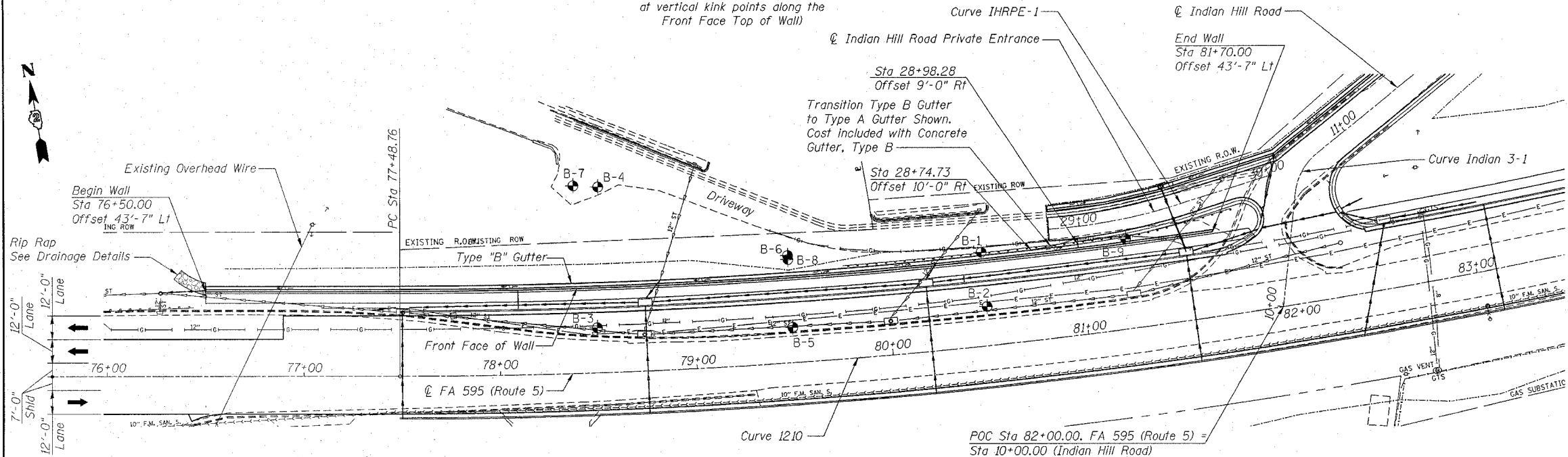
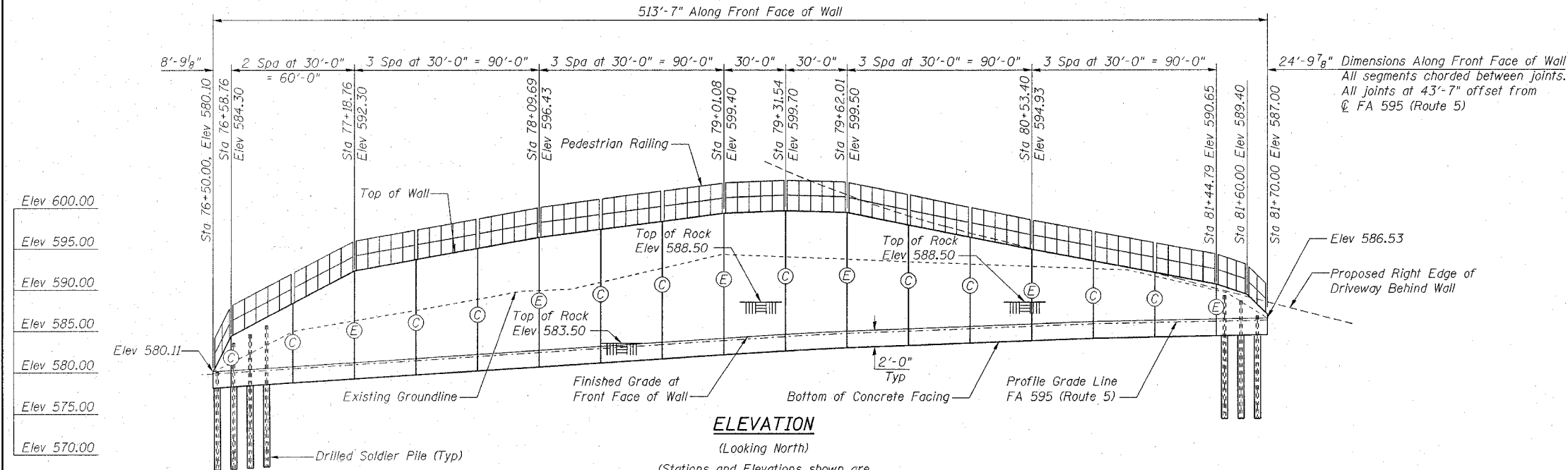


Bench Mark: B.M. Chiseled "d" End of SW Bridge Wingwall at Station 74+71.0, 26' Rt. Elevation = 580.39.
 R.R. Spike in Power Pole at Station 82+56.00, 44.5' Rt. Elevation = 580.37.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Existing Structure: None

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
595	I-1	ROCK ISLAND	239	115	18 SHEETS
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT		
Contract No. 84986					

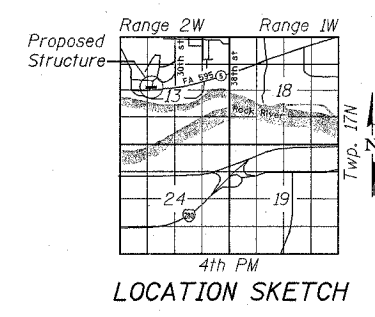


DESIGNED	NDR
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 31, 2006

CURVE 12.10 DATA
 C FA 595 (Route 5)
 PI Sta = 82+57.71
 $\Delta = 20^\circ 08' 57''$ (Lt)
 $D = 2^\circ 00' 01''$
 $R = 2,864.59'$
 $T = 508.95'$
 $L = 1,007.39'$
 $E = 44.86'$
 S.E. = N.C.
 PC Sta = 77+48.76
 PT Sta = 87+56.15

CURVE IHRPE-1 DATA
 C Indian Hill Road Private Entrance
 PI Sta = 29+18.50
 $\Delta = 13^\circ 37' 40''$ (Lt)
 $D = 20^\circ 00' 00''$
 $R = 286.48'$
 $T = 34.23'$
 $L = 68.14'$
 $E = 2.04'$
 PC Sta = 28+84.26
 PT Sta = 29+52.40

CURVE INDIAN 3-1 DATA
 C Indian Hill Road
 PI Sta = 10+70.59
 $\Delta = 45^\circ 07' 24''$ (Rt)
 $D = 190^\circ 59' 09''$
 $R = 30.00'$
 $T = 12.46'$
 $L = 23.63'$
 $E = 2.49'$
 PC Sta = 10+58.13
 PT Sta = 10+81.75



DESIGN SPECIFICATIONS
 2002 AASHTO

DESIGN STRESSES

- FIELD UNITS**
- $f_c = 3,500$ psi (Cast-in-Place Wall Facing)
 - $f_c = 4,000$ psi (Soldier Pile Encasement Concrete)
 - $f_y = 60,000$ psi (reinforcement)
 - $f_y = 50,000$ psi (structural steel)

NOTES:

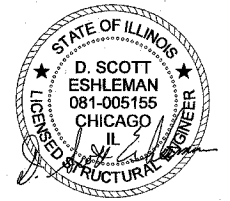
Existing Storm Pipes shown passing through the Proposed Retaining Wall shall be relocated and connected to new storm drain system as shown on the Roadway Plan and Profile sheets. Existing gas line shown passing through the Proposed Retaining Wall shall be relocated to miss wall structure.

LEGEND

- (C) Construction Joint
- (E) Expansion Joint
- Existing Electric
- 10" F.M. SAN. S. Existing 10" Forced Main Sanitary Sewer
- 12" Existing 12" Gas
- 8" Existing 8" Gas
- Existing Property Line
- 12" ST Existing 12" Storm
- B-4 Soil Boring Location
- Existing Watermain
- Proposed Storm Sewer

APPROVED
 FOR STRUCTURAL ADEQUACY ONLY

Robert C. Adams
 ENGINEER OF BRIDGES AND STRUCTURES



EXPIRATION DATE: 11-30-06
 DATE: 2/1/06

Illinois Firm Registration No. 84-00533

Stanley Consultants Inc.
 8501 West Higgins Road, Suite 730, Chicago, Illinois 60631-2801
 www.stanleygroup.com

**GENERAL PLAN AND ELEVATION
 RETAINING WALL D ALONG
 IL ROUTE 5
 FA 595 (IL ROUTE 5) SECTION I-1
 ROCK ISLAND COUNTY
 STA 76+50.00 TO STA 81+70.00
 STRUCTURE NO. 081-W006**