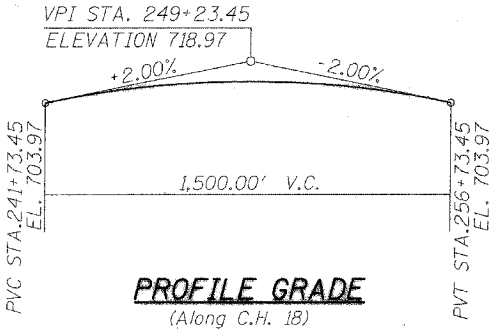
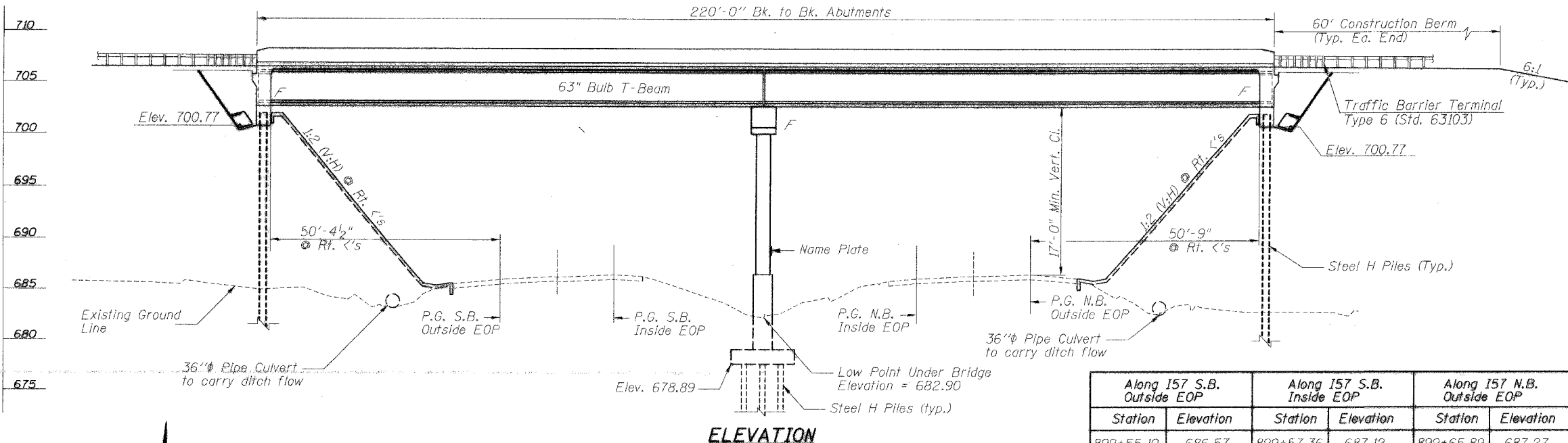


B.M. #800C: Nail in Lone Post Near S.W. Corner of Wooded Area Around Pond, Elev. = 683.69, 52' Lt. of Sta. 250+81.

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET
C.H. 18	*	COLES	229	119
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
*99-00124-02-PV				

SHEET NO. 01
SHEETS 17



Along 157 S.B. Outside EOP		Along 157 S.B. Inside EOP		Along 157 N.B. Outside EOP		Along 157 N.B. Inside EOP	
Station	Elevation	Station	Elevation	Station	Elevation	Station	Elevation
899+55.10	686.57	899+57.36	687.12	899+65.89	687.27	899+63.61	686.74
899+65.24	686.61	899+67.44	687.13	899+75.75	687.23	899+73.58	686.77
899+75.32	686.67	899+77.47	687.16	899+85.63	687.27	899+83.48	686.77
899+85.43	686.67	899+87.59	687.18	899+95.55	687.26	899+93.43	686.83
899+95.51	686.70	899+97.49	687.23	900+05.48	687.29	900+03.48	686.85
900+05.60	686.76	900+07.65	687.21	900+15.33	687.32	900+13.25	686.88
900+15.70	686.80	900+17.77	687.24	900+25.20	687.35	900+23.26	686.93
900+25.86	686.80	900+27.76	687.28	900+35.08	687.39	900+33.18	686.94
900+35.85	686.83	900+37.82	687.31	900+45.05	687.40	900+43.13	686.96

DESIGN SPECIFICATIONS

AASHTO 2002

LOADING HS20-44

Allow 50 psf for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.06g
Site Coefficient (S) = 1.0

DESIGN STRESSES

FIELD UNITS

f'c = 3,500 psi
fy = 60,000 psi (reinf.)

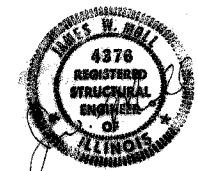
PRECAST PRESTRESSED UNITS

f'c = 6,000 psi
f'ci = 5,000 psi
f's = 270,000 psi (1/2" low lax strands)
f'si = 201,960 psi (1/2" low lax strands)

PROFILE GRADE
(Along I-57 EOP)

"I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS BRIDGE DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH REQUIREMENTS OF THE CURRENT 'AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES.'"

APPROVED
FOR STRUCTURAL ANALYSIS ONLY
Robert E. Adams
ENGINEER OF BRIDGES AND STRUCTURES



SIGNATURE: _____
DATE SIGNED: 7-2-08
LIC. EXP. DATE: 11-30-06

Proposed Structure
Corporate License Number 184-001-084

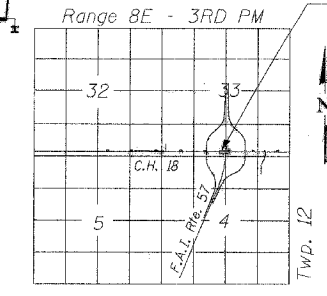
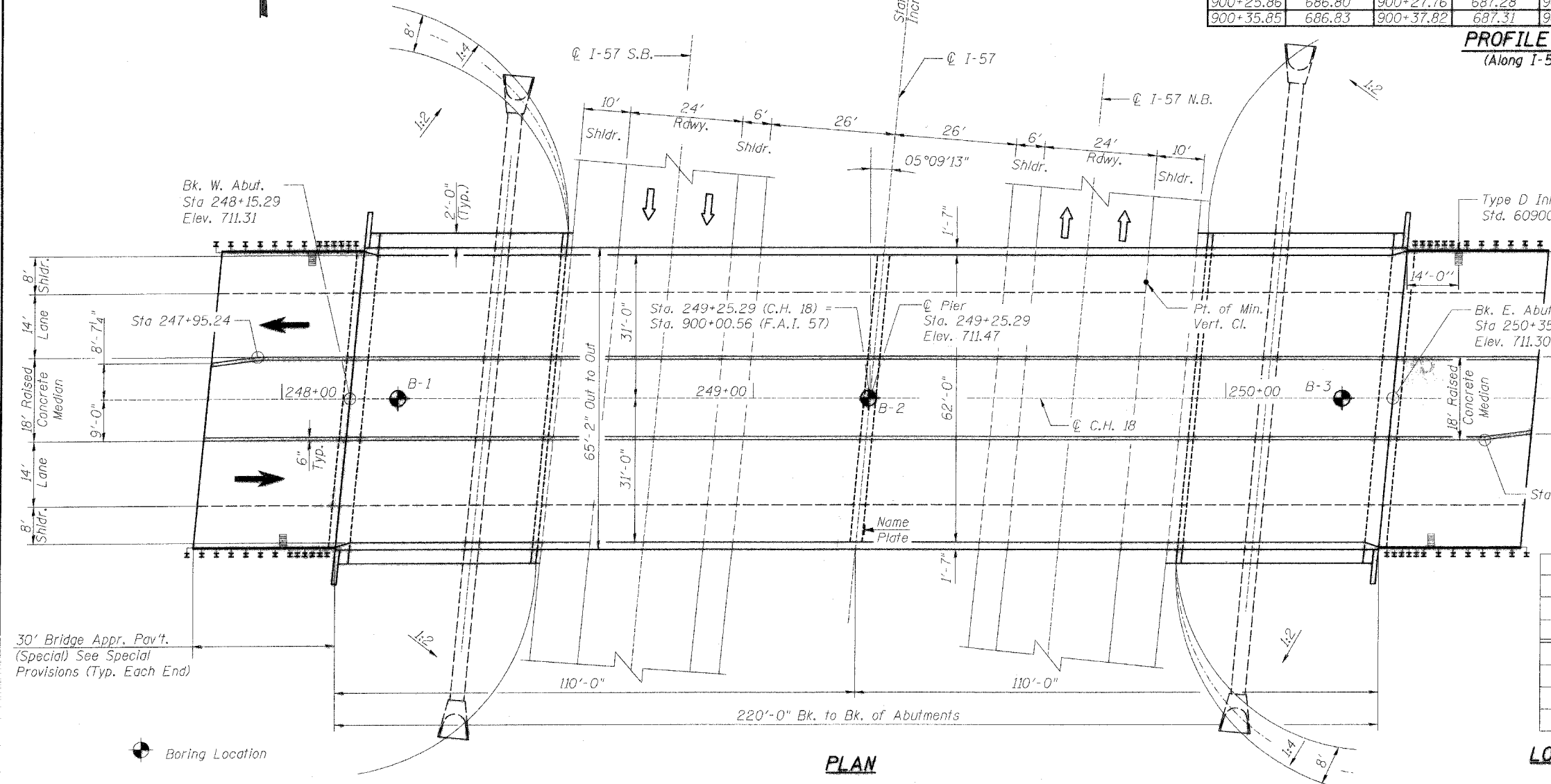
GENERAL PLAN AND ELEVATION
COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
SECTION 99-00124-02-PV
COLES COUNTY
STATION 249+25.29
STRUCTURE NUMBER 015-0073

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97S2028B

DATE: 05/27/03



LOCATION SKETCH

PLAN



DRAWN: DAP 10/3/25/03
 REVIEWED: JWM 05/12/03
 1/27/03 05/07/03 9/7/2005