

Bench Mark: Chiseled "□" on retaining wall at the N.W. corner of I-55 NBL S.N. 068-0038 Sta. 1065+39.50, 35' Lt.
 Nav'd 88 = 630.51 ft.

Existing Structure: S.N. 068-0054 Built in 1949 as SBI 126, Section III-R-B at Sta. 1067+45.30.
 Existing structure consists of single-span, concrete T-beam structure, with 7" concrete slab and concrete bridge railing. In 2006, the bridge was made integral to the abutments by encasing the beam ends and tying the superstructure to the abutment. The bridge has an overall length of 65'-0" measured back to back of abutments and a width of 43'-4".

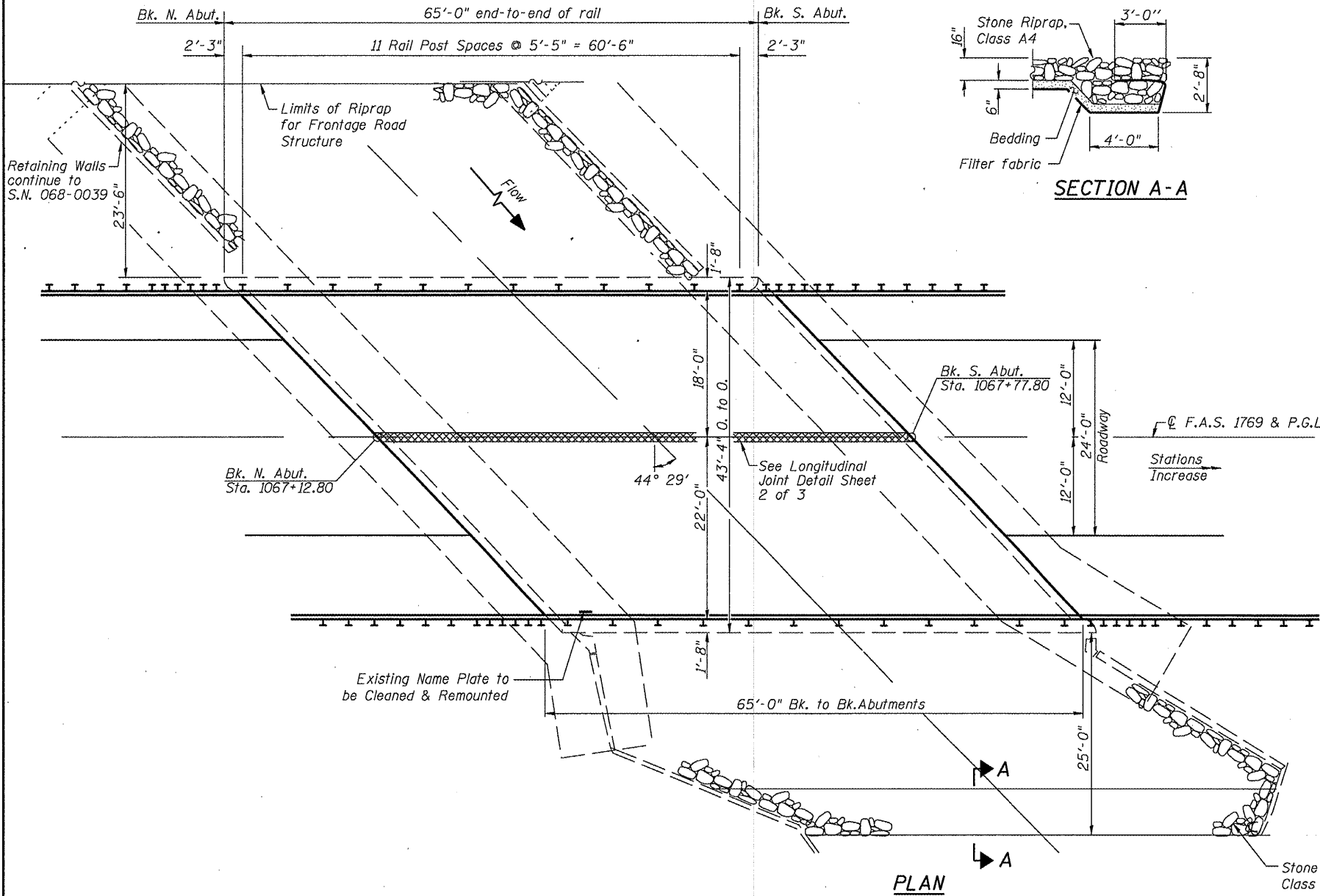
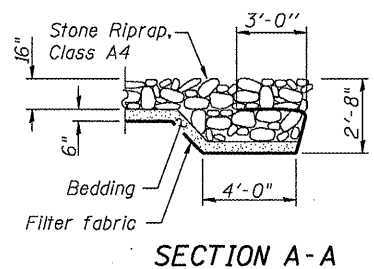
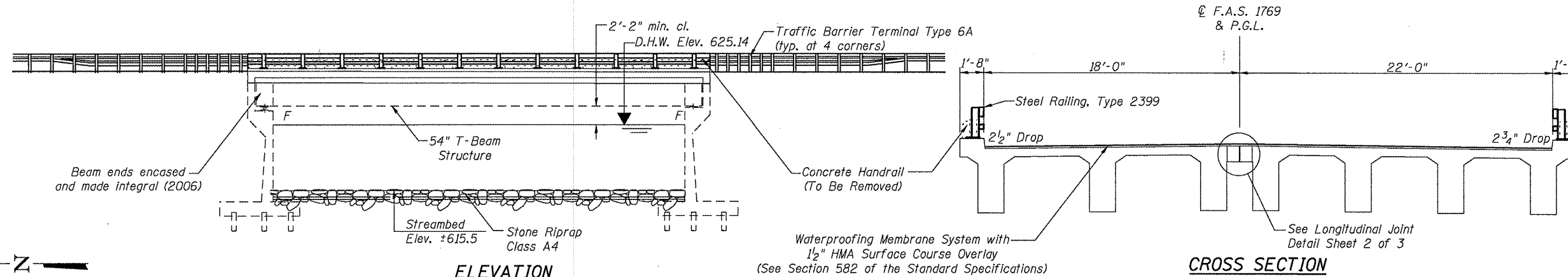
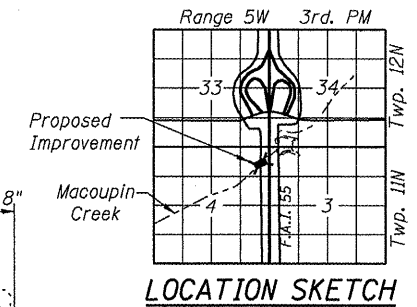
The Roadway will be closed during construction.

No Salvage

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 1
F.A.S. 1769	111B-2	MONTGOMERY	145	64	3 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #72A63



CROSS SECTION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions.
 Reinforcement bars designated (E) shall be epoxy coated.
 Plans dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit bid price for the work.
 Existing Name Plate shall be cleaned and remounted on Steel Rail. Cost Included in Concrete Removal.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Stone Riprap, Class A4	Sq. Yd.	588
Filter Fabric	Sq. Yd.	588
Concrete Removal	Cu. Yd.	8
Concrete Superstructure	Cu. Yd.	5.5
Reinforcement Bars, Epoxy Coated	Pound	1240
Waterproofing Membrane System	Sq. Yd.	289
Steel Railing, (Special)	Foot	130
Deck Slab Repair (Full Depth Type II)	Sq. Yd.	4.0
Deck Slab Repair (Partial)	Sq. Yd.	37.4
Polymerized HMA Surface Course, Mix E, N105	Ton	24.3

LOADING H20-S16

DESIGN SPECIFICATIONS

2002 AASHTO
DESIGN STRESSES
PROPOSED FIELD UNITS
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
EXISTING FIELD UNITS
 $f_c = 1,200$ psi (superstructure)
 $f_s = 20,000$ psi
 $f_c = 800$ psi (substructure)
 $n = 10$

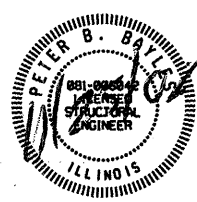
INDEX OF SHEETS

- 1 General Plan
- 2 Deck Patching Plan & Details
- 3 Steel Railing Details

APPROVED

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL PLAN
W. FR. IL 55 OVER MACOUPIN CREEK
F.A.S. 1769 (FR I-55) - SEC. 111B-2
MONTGOMERY COUNTY
STATION 1067+45.30
STRUCTURE NO. 068-0054



Peter B. Bayles
 Peter B. Bayles, P.E., S.E.
 Structural Engineer License No. 081-006042
 Expiration Date: 11/30/2008

DATE: 02-08
 REVISED:
 DRAWN BY: MLO
 CHECKED BY: PBB