

GENERAL NOTES

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to normal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Reinforcement bars shall conform to requirements of AASHTO M-31, M-42, or M-53 Grade 60 (EPOXY COATED).

The back face of Closed Abutments (or Retaining Walls) shall be waterproofed according to Article 503.10 of the Standard Specifications.

The contractor shall drive 2 test piles in permanent locations, one at each Abutment as directed by the Engineer before ordering the remainder of piles.

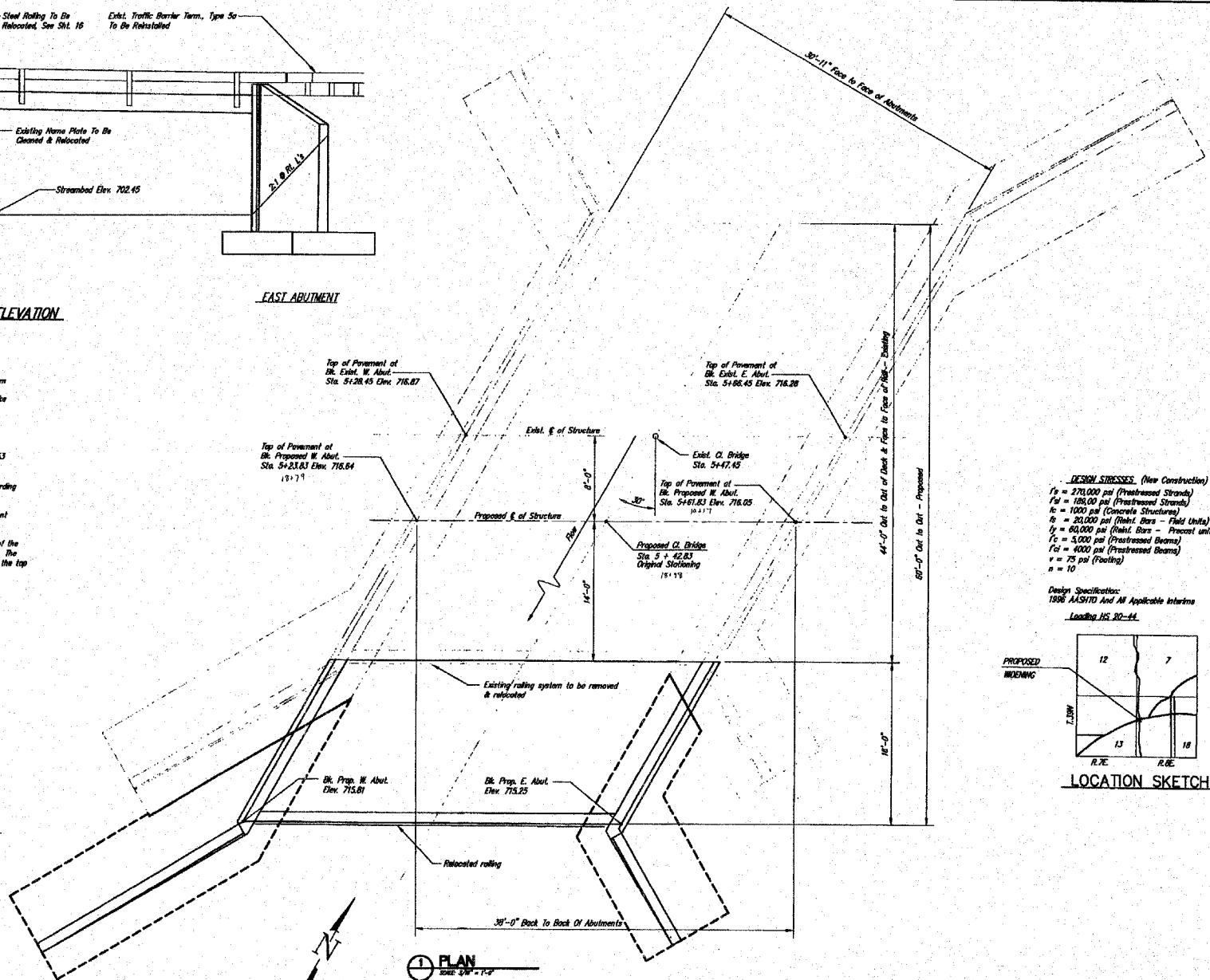
The top surface of the beams shall be finished in accordance with Article 504.06 of the Standard Specifications except that the surface shall not be roughened by brooming. The finished surface shall be free of depressions or high spots with sharp corners, and the top edge of haqs shall be rounded or chamfered a minimum of 1/4".

STRUCTURE NO. 045-3008
MILL CREEK
WIDENED 1998 BY
KANE COUNTY
SEC. 82-00201-03 FP
LOADING HS20

LETTERING FOR NAME PLATE
SEE STD. 515001

TOTAL BILL OF MATERIAL

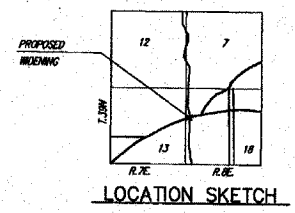
ITEM	UNIT	SUPER	SUB	TOTAL
Precast Prestressed Concrete Deck Beams (21" Depth)	Square Feet	808		808
Concrete Removal	Cubic Yards		6.0	6.0
Bridge Handrail Removal	Linear Feet	81		81
Structure Excavation	Cubic Yards		2.75	2.75
Concrete Structures	Cubic Yards		78.8	78.8
Reinforcement Bars (Epoxy Coated)	Lbs.		6550	6550
Bridge Handrail Re-Install	Lin. Ft.	81		81
Test Piles - Timber	Each		2	2
P.C. Mortar Finishing Course	Linear Feet	100		100
Waterproofing Membrane System	Square Yards	88		88
Leveling Binder (Machine Method)	Tons	4		4
Bitumhouse Concrete Surface Course, Mix. B, Class I	Tons	6		6
Name Plates	Each	1		1
Timber Piles	Lin. Ft.		975	975



DESIGN STRESSES (New Construction)

$f'_c = 270,000$ psi (Prestressed Strands)
 $f'_c = 108,000$ psi (Prestressed Strands)
 $f'_c = 1000$ psi (Concrete Structures)
 $f'_c = 80,000$ psi (Rebar - Field Units)
 $f'_c = 60,000$ psi (Rebar - Present Units)
 $f'_c = 5,000$ psi (Prestressed Beams)
 $f'_c = 4000$ psi (Prestressed Beams)
 $v = 75$ psi (Footings)
 $n = 10$

Design Specifications:
1998 AASHTO And All Applicable Interims
Loading HS 20-44.



SHEETS 14-18

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 Specifications for Highway Bridges.

[Signature]
 Professional Engineer
 No. 01-4000
 State of Illinois

R.L. JOHNSON & ASSOCIATES
 CONSULTING ENGINEERS
 (630) 653-9060
 WHEATON, ILLINOIS

FABYAN PARKWAY WIDENING
 AND
 FABYAN PARKWAY
 KANE COUNTY
 DIVISION OF TRANSPORTATION
 ST. CHARLES, IL 60174

GENERAL PLAN & ELEVATION

DATE: 5-26-99
 PROJECT NO. 813.1S1E131A
 SHEET: 14 OF 18

**EXISTING PLAN SHEET INCLUDED
 IN PLANS FOR INFORMATION ONLY.**

HAMPTON, LENZINI & RENWICK, INC.
 CIVIL & STRUCTURAL ENGINEERS
 LAND SURVEYORS

3085 STEVENSON DRIVE, SUITE 201
 SPRINGFIELD, ILLINOIS 62703
 (217) 546-3400

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-06-0050-1 DATE: 08/29/07
 DESIGNED: R.J.P. CHECKED: S.W.M. DRAWN: D.A.B.

EXISTING PLAN SHEET
 SECTION 01-00268-00-BR
 F.A.S. 2111 / FABYAN PARKWAY
 KANE COUNTY
 STATION 18+97 / STRUCTURE NO. 045-3019