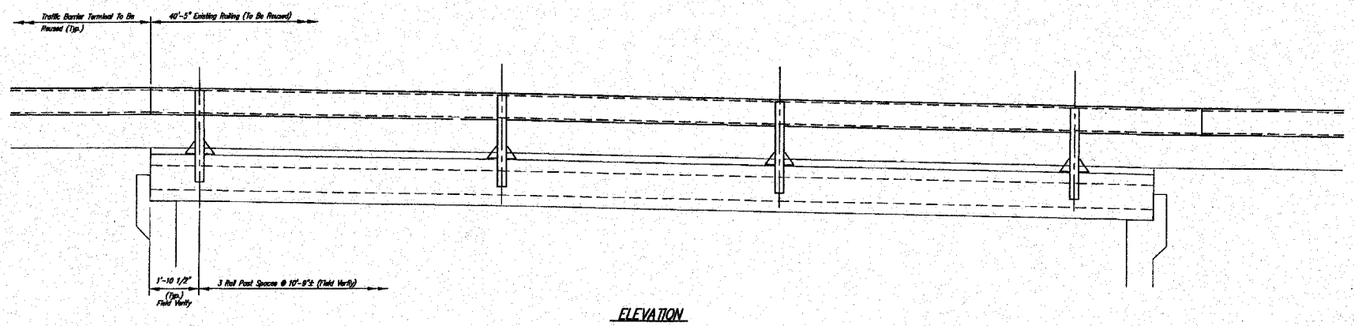
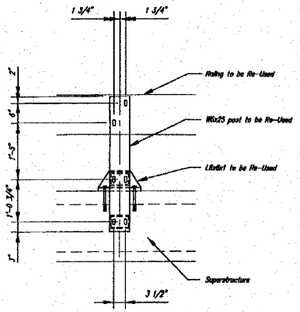
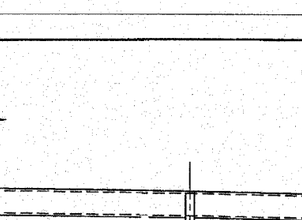
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SH NO
F.A.S. 2111	01-00268 -00-BR	KANE	70	5
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 8397		



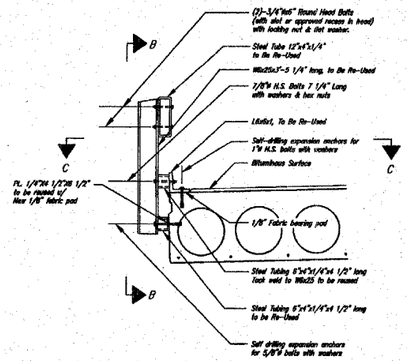
ELEVATION



SECTION B-B

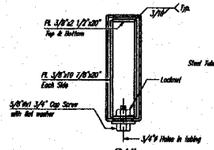


SECTION C-C

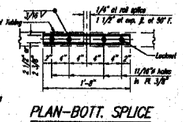


SECTION AT RAIL POST
Looking West

RAIL SPLICE CONNECTION AT EXPANSION JT.



RAIL SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE TYPICAL

NOTES:
Bolts, cap screws, and nuts shall conform to the requirements of ASTM designation A 307 except for high strength bolts, nuts and washers noted which shall conform to AASHTO M 164.
All bolts, nuts, cap screws, washers and lock washers shall be galvanized according to AASHTO M 232.
The base portion of the post flange in contact with concrete shall receive two coats of asphalt paint conforming to Section 1008.07 Type B or gilsonite.
The 3/4"ø high strength bolts used to connect the 6"x 6"x 1/2" angles to the post shall be tightened according to Article 505.04(f)(3) of the Standard Specifications. The 1" high strength bolts connecting the angles to the concrete shall be tightened to a snug fit and given an additional 1/3 turn. The 5/8"ø cap screws in bottom of posts shall be tightened to a snug fit only.

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."

Illinois Structural No. 81-4606

ROBERT J. JOHNSON 81-4606 LICENSED STRUCTURAL ENGINEER OF ILLINOIS

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

REVISIONS												DRAFTING:
DATE	DESCRIPTION	REV. #										
4-24-98	REVISIONS PER COUNTY REVIEW	1										
5-26-98	REVISIONS PER COUNTY REVIEW	2										DESIGNED:

FABYAN PARKWAY WIDENING AND FABYAN PARKWAY

KANE COUNTY
DIVISION OF TRANSPORTATION
ST. CHARLES, IL 60174

RAILING DETAILS

DATE: 5-26-98
PROJECT NO: 813.1SIE13HA
CAD:
SHEET:
16 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: 12-05-0050-i		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