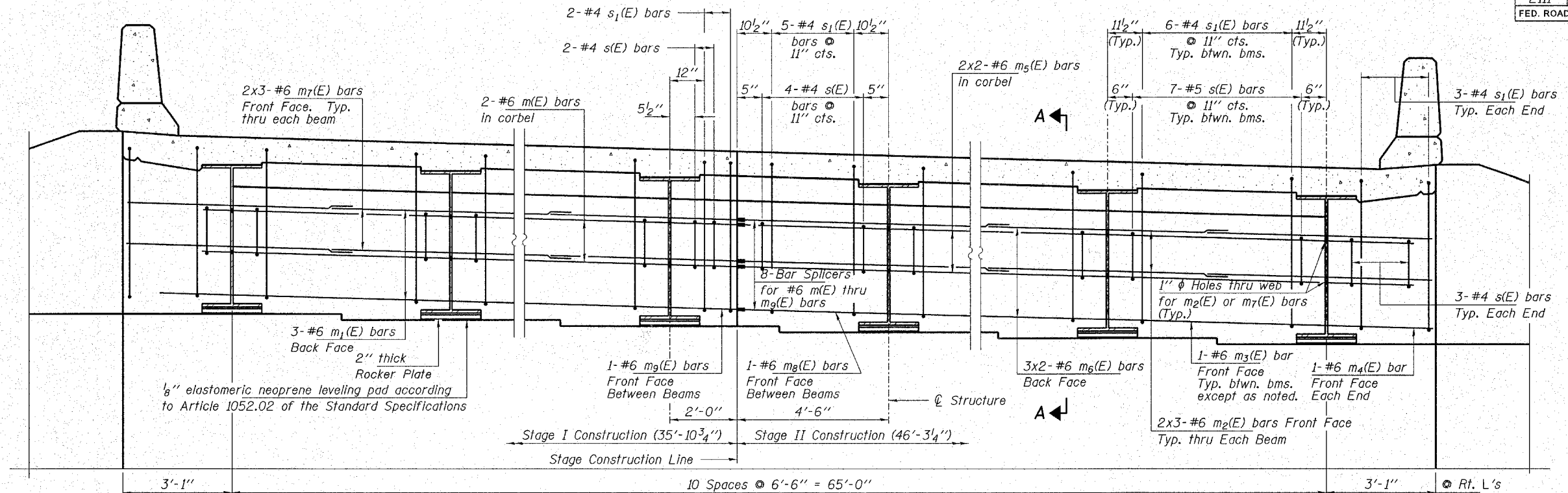
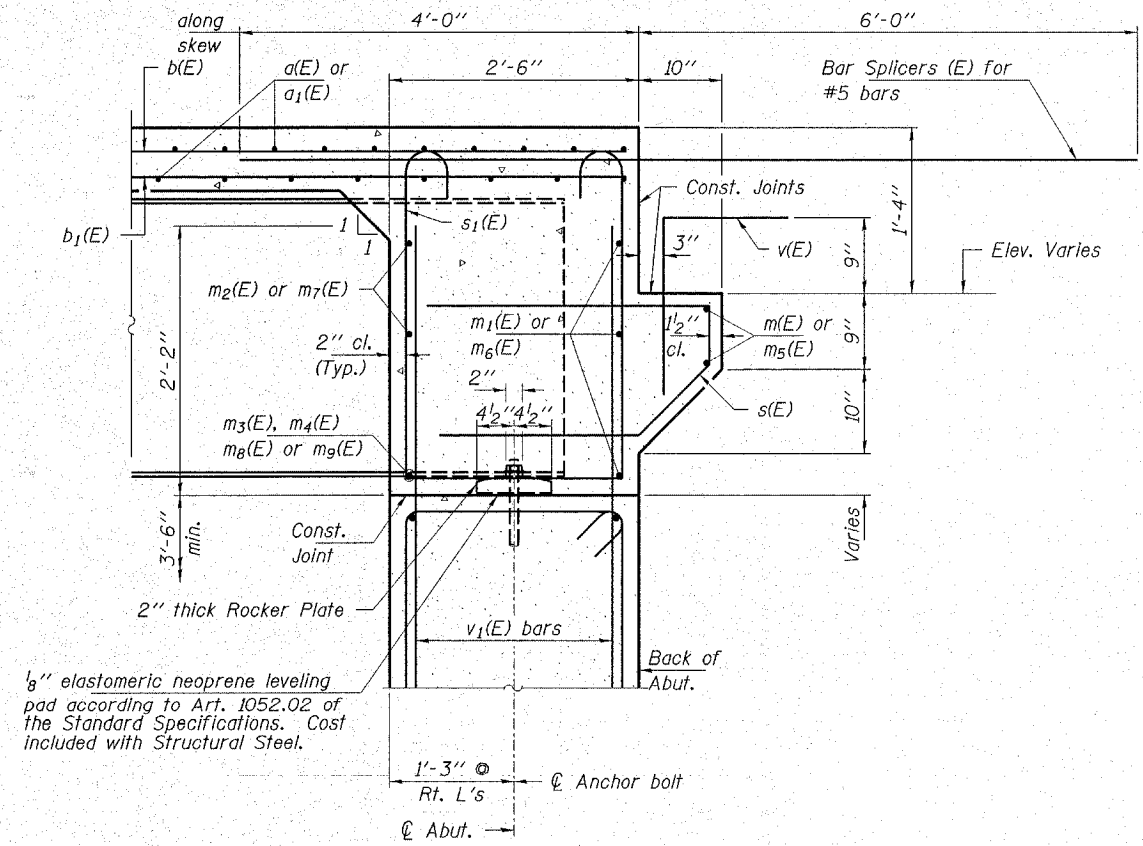


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 2111	01-00268-00-BR	KANE	70	3
FED. ROAD DIST. NO.	ILLINOIS		CONTRACT NO. 83973	

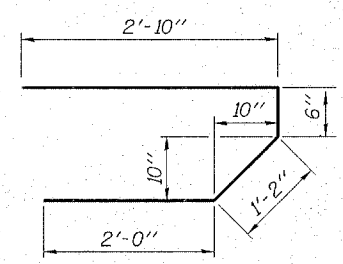


DIAPHRAGM ELEVATION AT EAST ABUTMENT
(West Abutment opposite hand)



SECTION A-A
Dimensions at right angles to abutment, except as shown.

MIN. BAR LAP
#6 bar = 2'-9"



BAR s(E)

Notes:
Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
Reinforcement bars in diaphragm are billed with superstructure on sheet 30.
Concrete in diaphragm is included with Concrete Superstructure on sheet 30.
For details of bars s1(E) see sheet 30.
The s(E) and s1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

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

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

ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-05-0050-1 DATE: 08/29/07
DESIGNED: R.J.P. CHECKED: S.W.M. DRAWN: D.A.B.

SUPERSTRUCTURE DETAILS

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