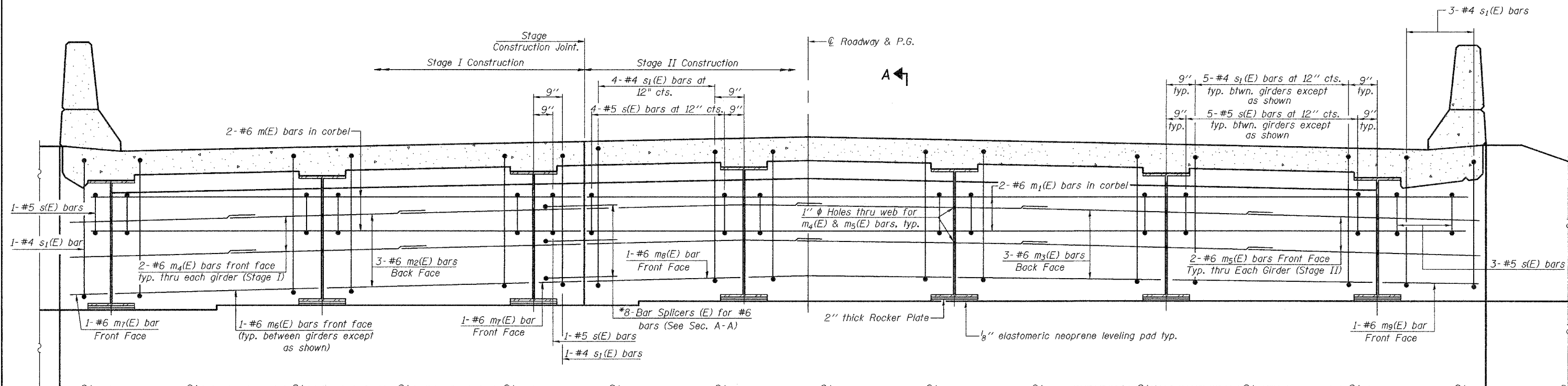


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 8 16 SHEETS
F.A.P. 781	108B-1	CRAWFORD	38	17	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #94656



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

DIAPHRAGM ELEVATION AT NORTH ABUTMENT

(Looking North)
(Bearing Stiffeners not shown)

*Use bent bar splicers in Front Face.
Detail on sheet 15 of 16.

Notes: Reinforcement bars in diaphragm are billed with superstructure on sheet 7 of 16.
Concrete in diaphragm is included with Concrete Superstructure on sheet 7 of 16.
For details of bars s(E) & s₁(E) see sheet 7 of 16.
The s(E) and s₁(E) bars shall be placed parallel to the girders. Spacing for these bars shall be at right angles to the girders.
For Section A-A see sheet 9 of 16.
For anchor bolt details see sheet 12 of 16.
For bar splicers details see sheet 15 of 16.

DESIGNED	W. Beisner
CHECKED	Chi-Cheung Chau
DRAWN	R. Dalsin
CHECKED	C.C.C./S.J.B./S.M.R.

EXAMINED	December 13 2005
PASSED	<i>Thomas J. Demagala</i> ENGINEER OF BRIDGE DESIGN
	<i>Ralph E. Anderson</i> ENGINEER OF BRIDGES AND STRUCTURES

DIAPHRAGM DETAILS
F.A.P. ROUTE 781 - SECTION 108B-1
CRAWFORD COUNTY
STATION 545+80.00
STRUCTURE NO. 017-0030