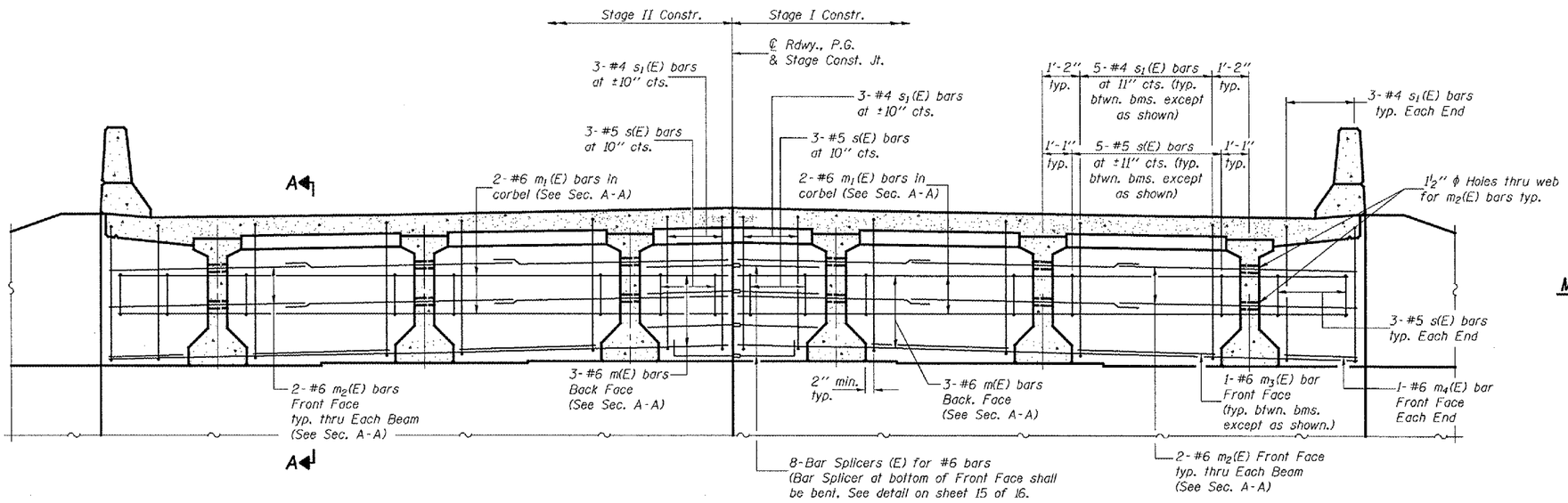
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 310	(101BY) BR	WARREN	97	42
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 8
16 SHEETS

Contract #88798



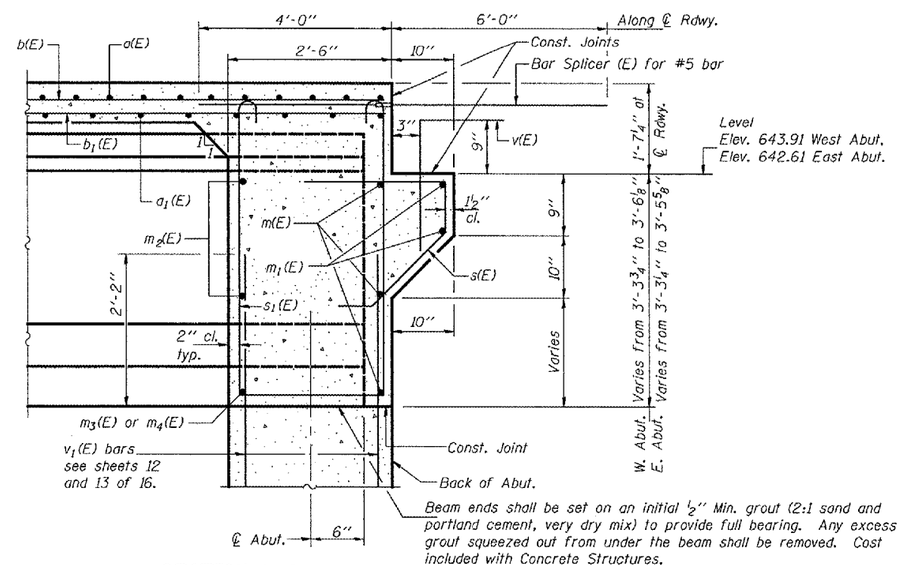
MIN. BAR LAPS

#6 bars = 2'-9"

DIAPHRAGM ELEVATION AT ABUTMENT

Looking East at East Abutment
(West Abutment similar)

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 Bar Splicers, see Sheet 15 of 16.
For details of bars s(E) and s_1(E) see sheet 7 of 16.



Beam ends shall be set on an initial ½" Min. grout (2:1 sand and portland cement, very dry mix) to provide full bearing. Any excess grout squeezed out from under the beam shall be removed. Cost included with Concrete Structures.

SECTION A-A

DESIGNED	JSO
CHECKED	CME
DRAWN	BMC P.W. SWEET
CHECKED	JSO/CME

September 6, 2007
EXAMINED Thomas J. Domagalski
ENGINEER OF STRUCTURE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

DIAPHRAGM DETAILS
F.A.P. ROUTE 310 - SECTION (101BY)BR
WARREN COUNTY
STATION 73+02
STRUCTURE NO. 094-0049