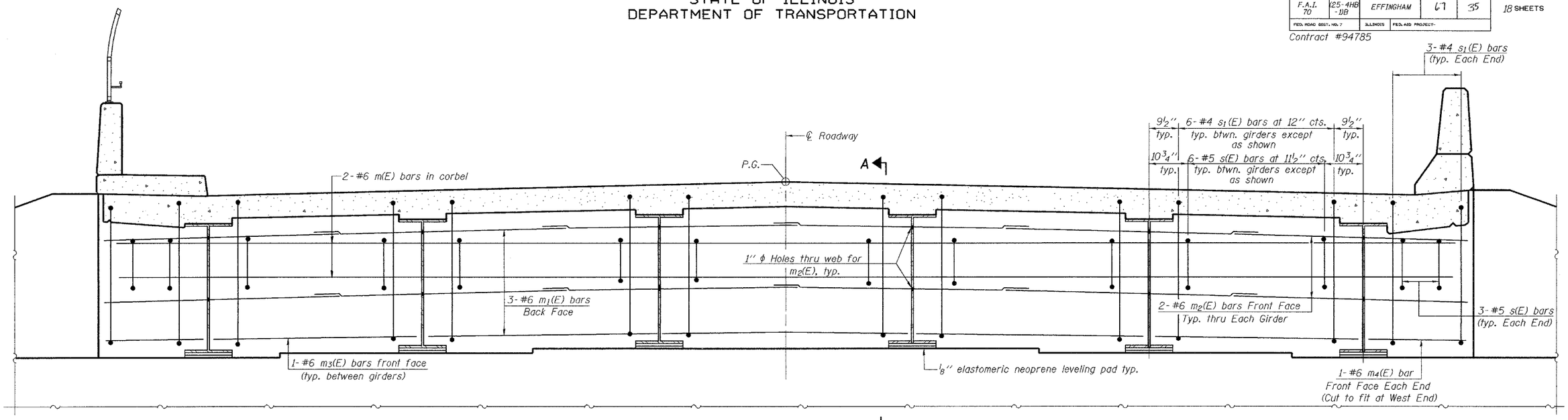
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 70	(25-4HB -1)B	EFFINGHAM	67	35
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 9
18 SHEETS

Contract #94785



A

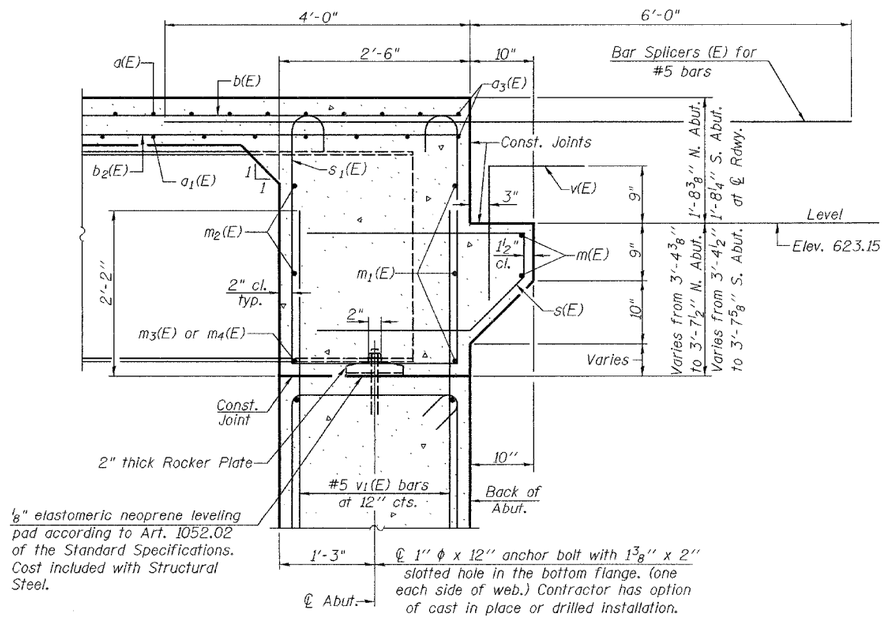
DIAPHRAGM ELEVATION AT ABUTMENT

(Looking South at South Abut. shown. N. Abut. similar)

MIN. BAR LAP

#6 bar = 2'-9"

Notes: Reinforcement bars in diaphragm are billed with superstructure on sheet 6 of 18.
Concrete in diaphragm is included with Concrete Superstructure on sheet 6 of 18.
For details of bars s(E) & s_1(E) see sheet 6 of 18.
The s(E) and s_1(E) bars shall be placed parallel to the girders. Spacing for these bars shall be at right angles to the girders.
For anchor bolt details see sheet 12 of 18.
For bar splicers details see sheet 16 of 18.
Reinforcement bars designated (E) shall be epoxy coated.



SECTION A-A

Dim. at Rt. L's except as shown.

DESIGNED	Dhruv Narielwala
CHECKED	Steve Ryan
DRAWN	R. Sommer
CHECKED	DPN/SMR

September 28 2006
EXAMINED Thomas J. Domagalski
ENGINEER OF SYSTEMS DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

DIAPHRAGM DETAILS
F.A.I. RT. 70 SEC. (25-4HB-1)B
EFFINGHAM COUNTY
STATION 49+98.84
STRUCTURE NO. 025-0102

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