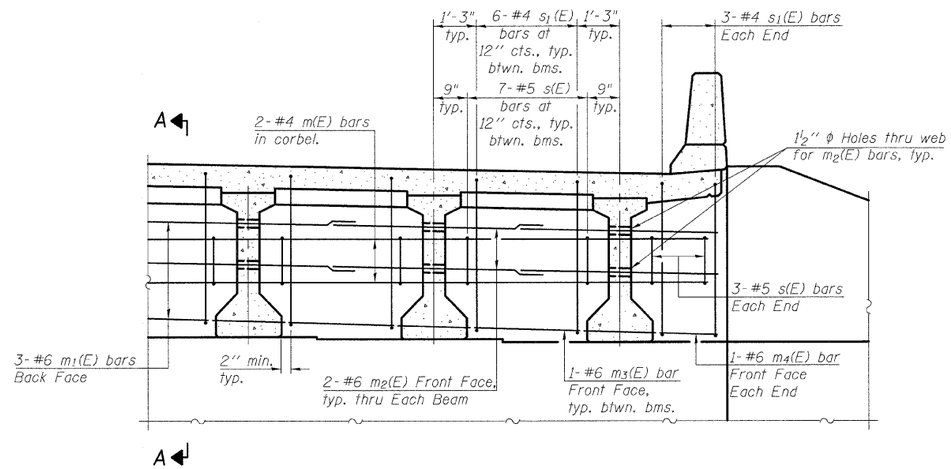
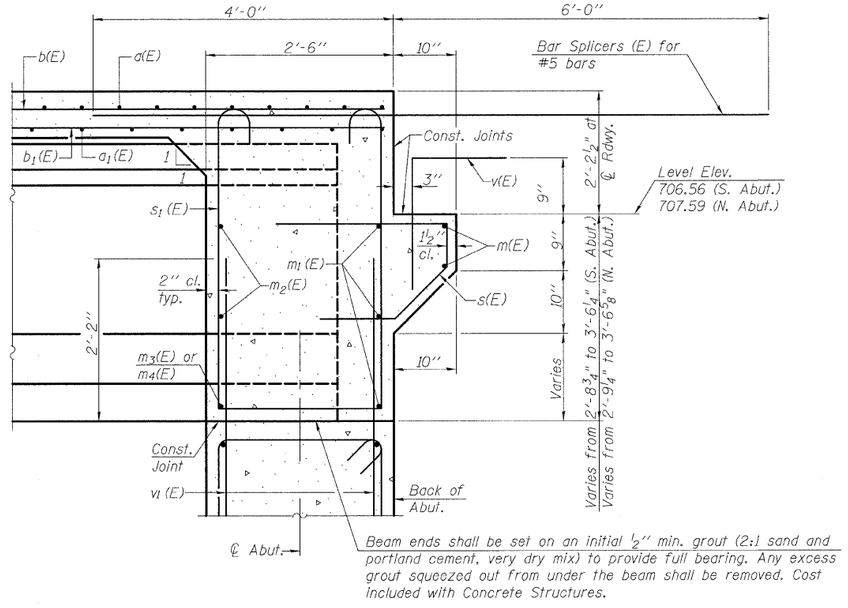
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



DIAPHRAGM ELEVATION AT ABUTMENT



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

MIN. BAR LAP

#6 bar = 2'-9"

Notes:

Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 21 .

Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 21.

For details of bars s(E) & s_1(E) see sheet 10 of 21.

For details of Bar Splicers, see sheet 19 of 21.

The s(E) and s_1(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.

INTEGRAL ABUTMENT
DIAPHRAGM DETAILS
STRUCTURE NO. 101-0184

DESIGNED	PRD
CHECKED	WAT
DRAWN	RTG/PRD
CHECKED	ASP

DLZ Illinois, Inc. 85 W. Algonquin Rd. Ste. 220 Arlington Heights Il 60005

SHEET NO. 13 OF 22 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	34BR-1	WINNEBAGO	78	48
			CONTRACT NO. 64E68		
	FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT		