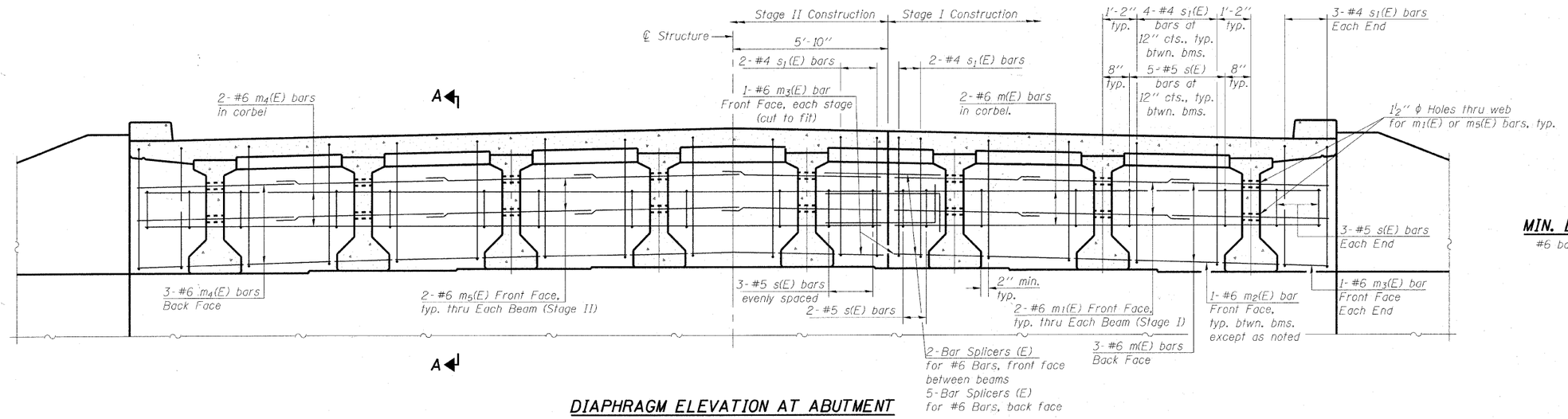
MCHENRY COUNTY
DIVISION OF TRANSPORTATION

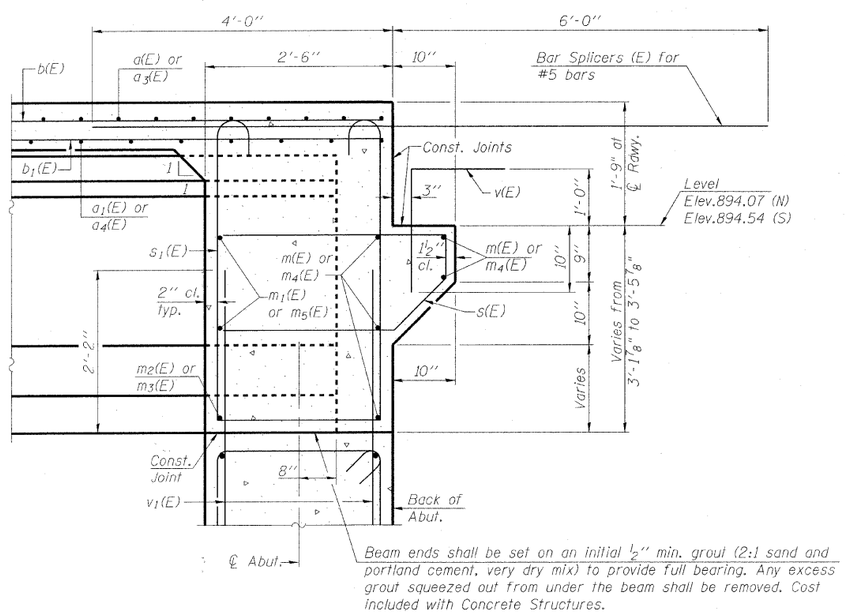


MIN. BAR LAP

#6 bar = 3'-4"

DIAPHRAGM ELEVATION AT ABUTMENT

North Abutment shown, looking north.
South Abutment similar but opposite hand.



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

Notes:
Reinforcement bars in diaphragm are billed with superstructure on sheet 11 of 25.
Concrete in diaphragm is included with Concrete Superstructure on sheet 11 of 25.
For details of bars s(E) and s1(E) see sheet 11 of 25.

DESIGNED	BLB
CHECKED	AS
DRAWN	BCD
CHECKED	BLB

DIAPHRAGM DETAILS
STRUCTURE NO. 056-3181

SHEET NO. 12	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
25 SHEETS	0028	06-00320-01-BR	MCHENRY	70	36
			CONTRACT NO. 63535		
	JOB NO. C-91-139-11	ILLINOIS	FED. AID PROJECT BRS-0028(107)		