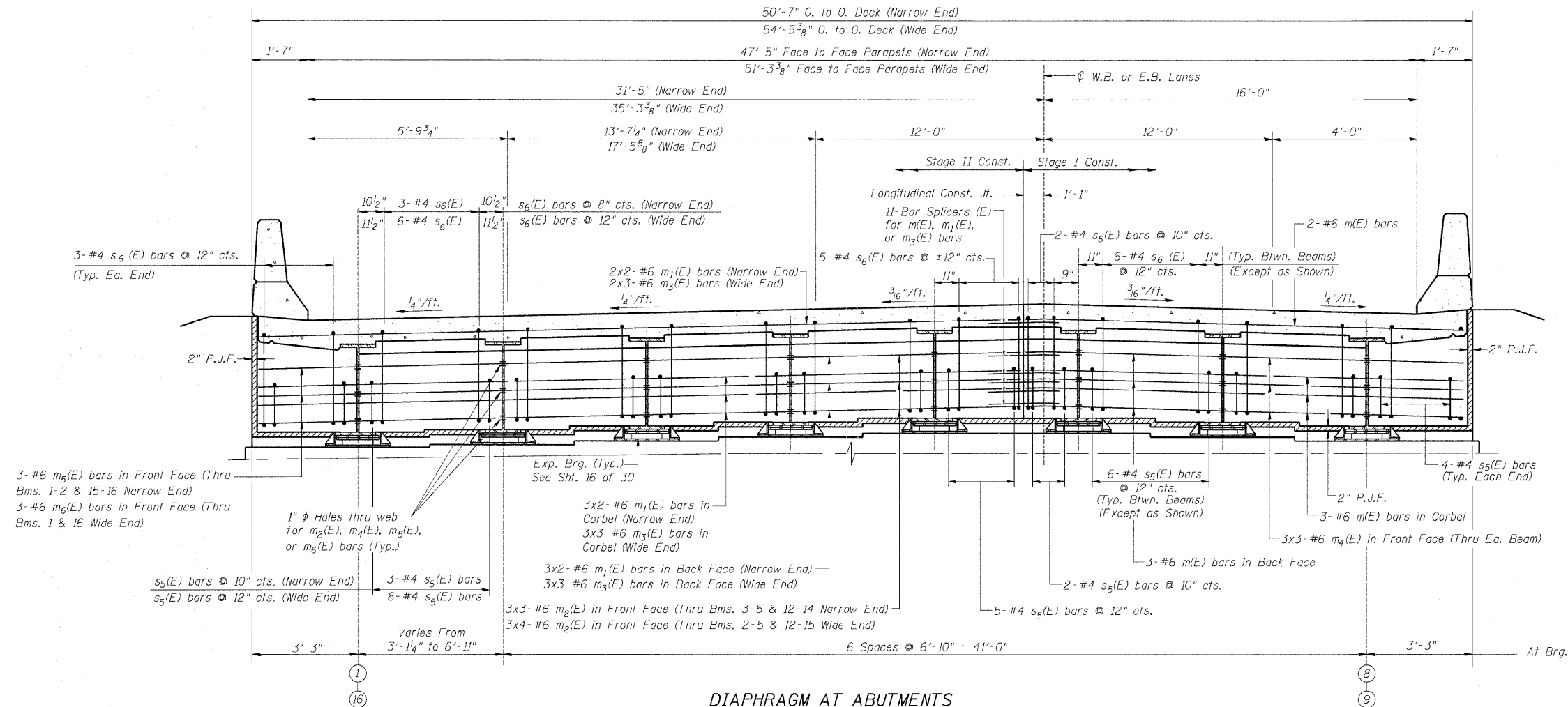


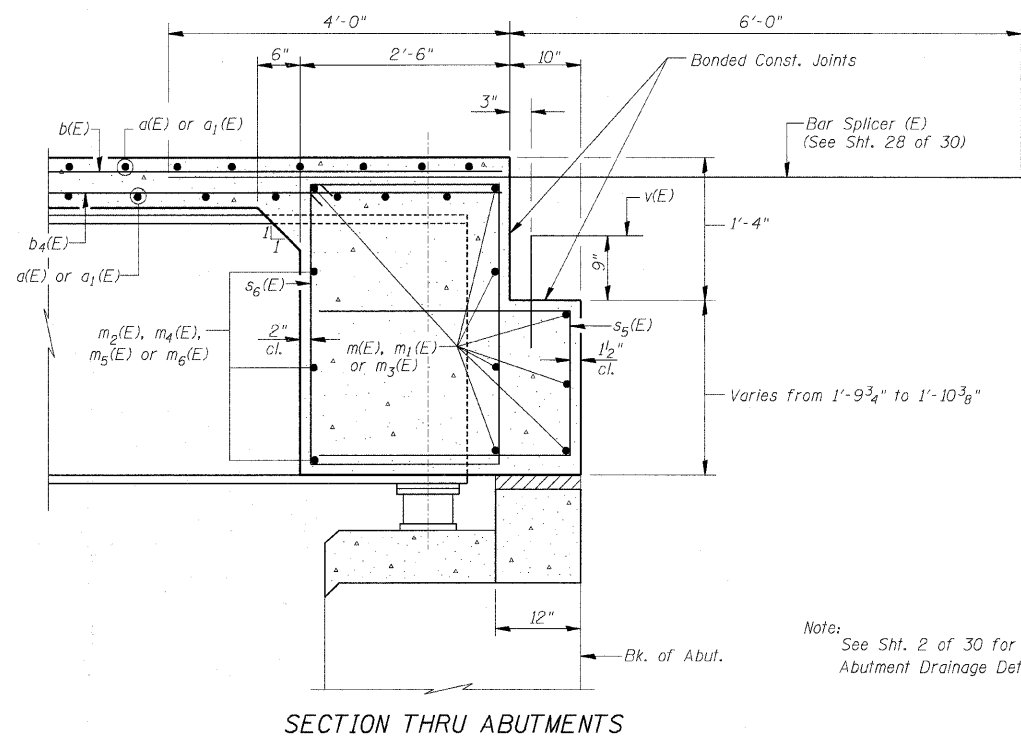
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	(48-26HB-4)I	KNOX	54	37
FED. ROAD DIST. NO.	ILLINOIS PROJECT			

CONTRACT 88919



DIAPHRAGM AT ABUTMENTS

(Looking East - W.B. Structure)
(Looking West - E.B. Structure)



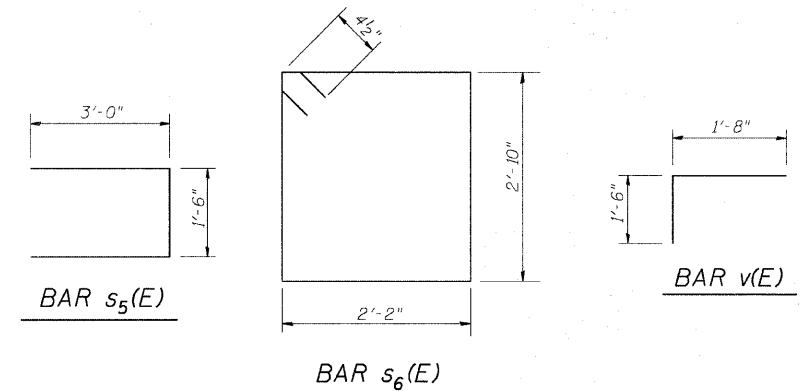
SECTION THRU ABUTMENTS

Note: See Sht. 2 of 30 for Abutment Drainage Details.

Min. Bar Lap
#6 = 2'-9"

Notes:

- Pour Abutment Diaphragms monolithically with slab. Quantity of Concrete included with Concrete Superstructure.
- Reinforcement bars designated (E) shall be epoxy coated.
- Bars indicated thus 3x3-#6 indicates 3 lines of bars with 5 lengths per line.
- The s5(E) and s6(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.
- For Bill of Material see Sht. 12 of 30.
- See Sheet 15 of 30 for Hold-Down Bracket at Abutment.



DIAPHRAGM DETAILS - E.B. & W.B. STRUCTURES

Date	Designed ACW	U.S. ROUTE 34 OVER F.A.I. ROUTE 74 F.A.I. RTE. 74 SECTION (48-26HB-4)I KNOX COUNTY STA. 212+20.71 STRUCTURES NO. 048-0019 (WB) & 048-0020 (EB)	Sheet No.
Revisions	Drawn SRS		13
	Checked KWB		of 30
	Approved KWB		
Prepared by: WVP CORPORATION A Division of URS Greiner Woodward Clyde		Engineers - Architects - Planners Decatur, Illinois - St. Louis, Missouri	WVP Job No. 2100001161.04