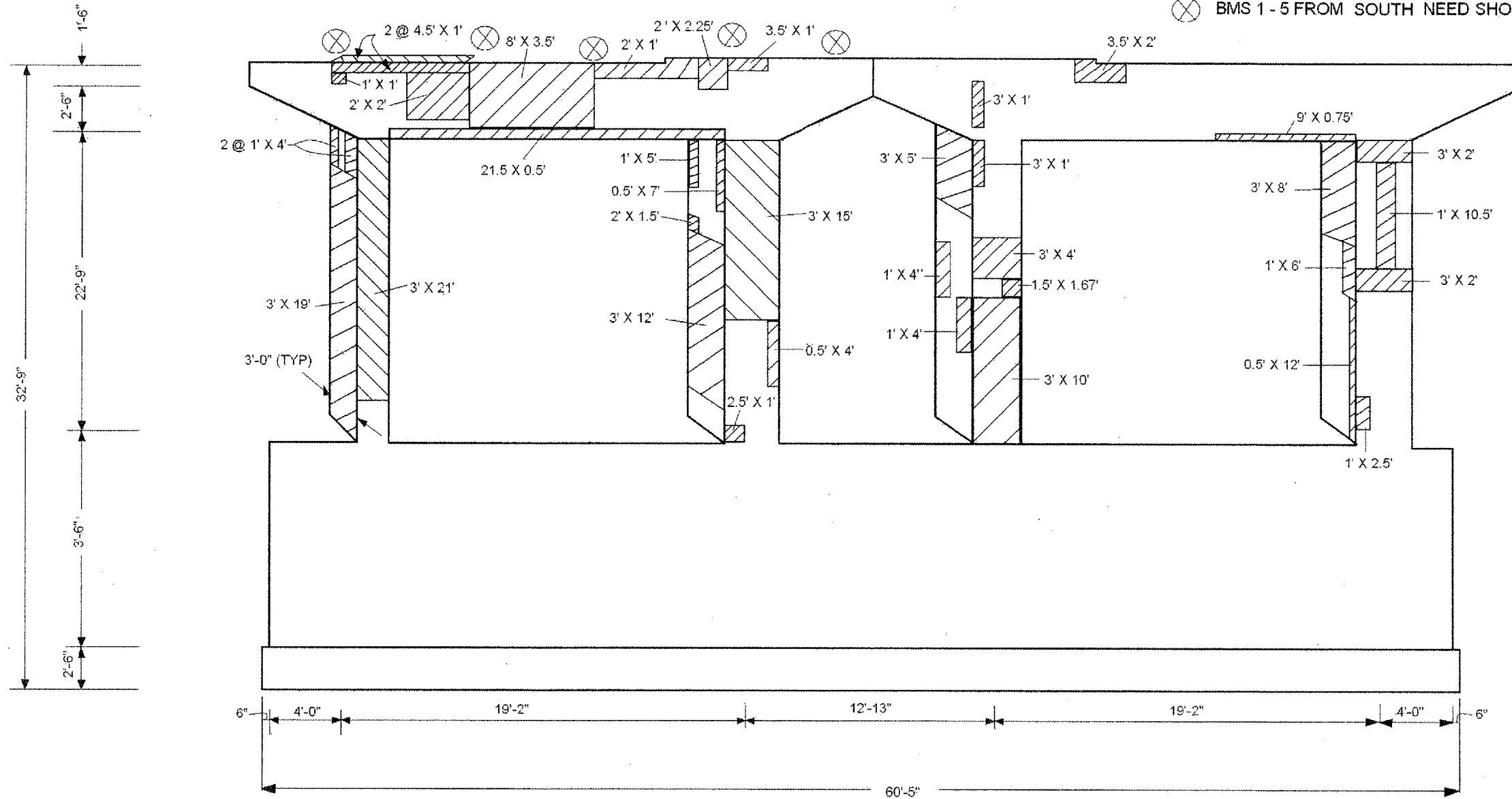


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 860 AND 349	2006-007 I	KANE & KENDALL	38	25

CONTRACT NO. 60B26

SHEET 17 OF 27

⊗ BMS 1 - 5 FROM SOUTH NEED SHORING SPAN 6



REACTION		
	SPAN 5	SPAN 6
R DL (K)	27.5	20.2
R LL (K)	37.6	35.9
R IMP (K)	10.7	10.2
R (TOTAL)	75.1	66.3

⊗ BEAM END SUPPORT REQ. BEAM (EAST & WEST FACE)
 TEMPORARY SHORING & CRIBBING -
 WEST FACE: EACH - 5
 EAST FACE: EACH - 5
 TOTAL EACH - 10

▨ STRUCTURAL REPAIR OF CONCRETE (≤ 5")
 WEST FACE: 358.0 SQ. FT.
 EAST FACE: 436.0 SQ. FT.
 TOTAL 794.0 SQ. FT.

▩ STRUCTURAL REPAIR OF CONCRETE (> 5")
 WEST FACE 14.0 SQ. FT.

PIER 5 EAST FACE
 (LOOKING WEST)

2 OF 2

ILLINOIS DEPARTMENT OF TRANSPORTATION
 LOCATION 2
 PIER 5 EAST FACE
 US 30 OVER IL 31 & BNSF RR
 SN 045-0039