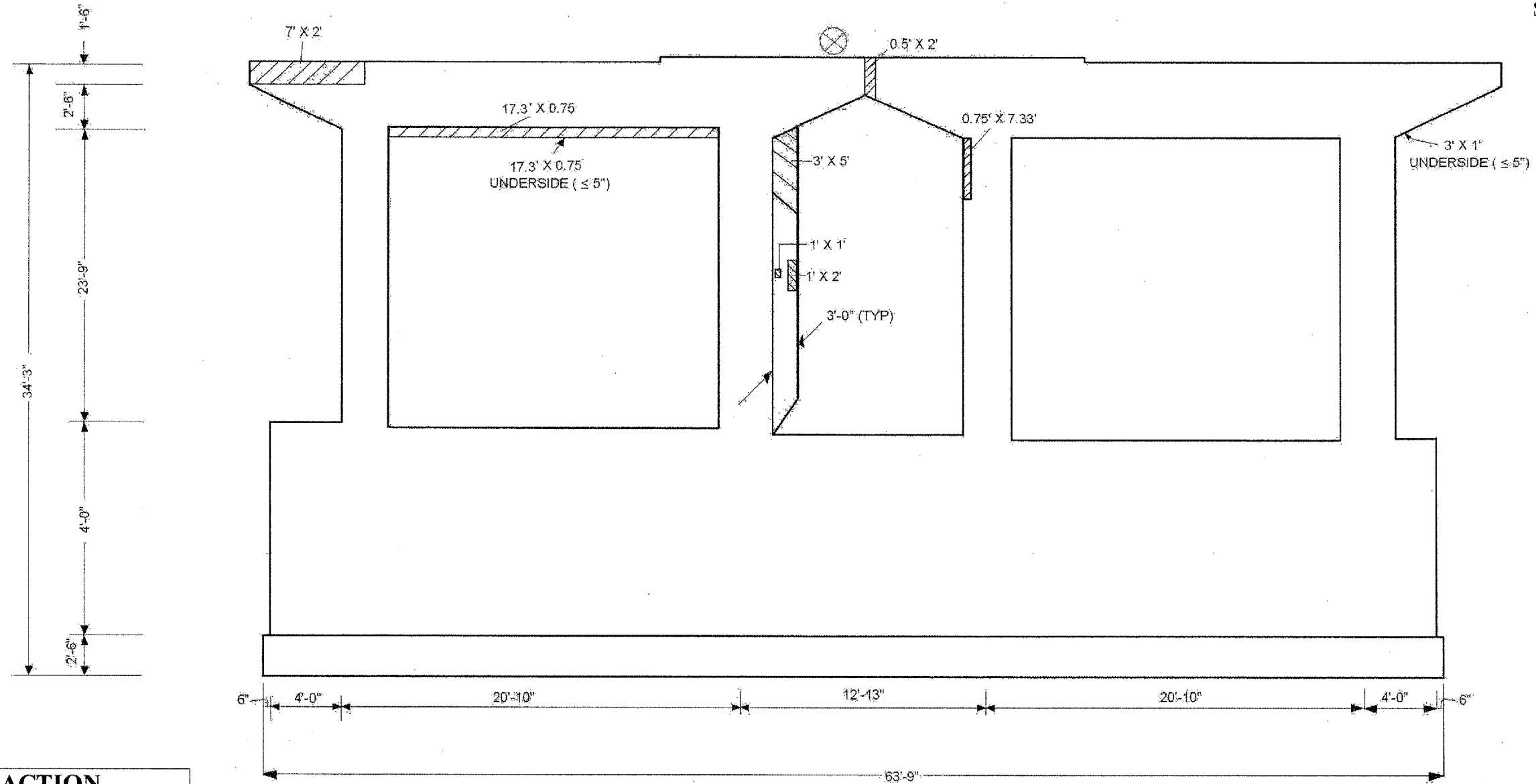


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
FAP 860 AND 349	2006-007 I	KANE & KENDALL	38	23

BEAM 5 FROM SOUTH NEEDS SHORING SPAN 5

CONTRACT NO. 60B26

SHEET 15 OF 27



REACTION		
	SPAN 4	SPAN 5
R DL (K)	26.4	27.5
R LL (K)	37.8	37.6
R IMP (K)	10.0	10.7
R (TOTAL)	74.2	75.8

⊗ — BEAM END SUPPORT REQ. BEAM 5 (WEST FACE)
TEMPORARY SHORING & CRIBBING

WEST FACE: 1
EAST FACE: 1
TOTAL: 2

▨ — STRUCTURAL REPAIR OF CONCRETE ($\leq 5"$)

WEST FACE: 310.1 SQ. FT.
EAST FACE: 67.5 SQ. FT.
TOTAL: 377.6 SQ. FT.

▩ — STRUCTURAL REPAIR OF CONCRETE ($> 5"$)
WEST FACE: 56.2 SQ. FT.

PIER 4 EAST FACE
(LOOKING WEST)

2 OF 2

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION 2

PIER 4 EAST FACE
US 30 OVER IL 31 & BNSF RR
SN 045-0039