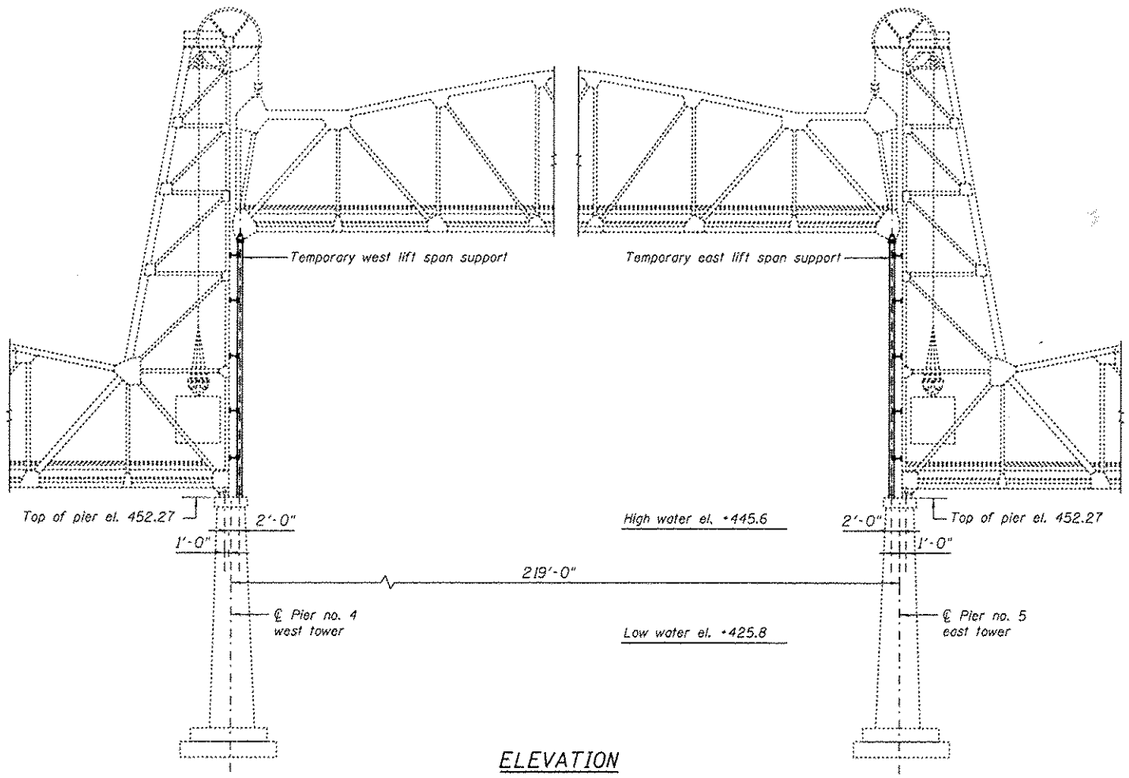

ELEVATION
(Looking North)

NOTES FOR TEMPORARY LIFT SPAN SUPPORTS:

1. Temporary lift span arrangement details and associated erection and jacking procedures are shown for the temporary west lift span support. temporary east lift span support is similar.
2. Estimated weight of structural steel for one temporary span support = 32,500 lbs.

SUGGESTED ERECTION PROCEDURES FOR TEMPORARY LIFT SPAN SUPPORT

1. Remove existing shim plates attached to existing bearing plates. Grind surface of existing bearing plate smooth.
2. Raise lift span if necessary and install temporary lift span support columns at the west and east towers (Piers No. 4 & 5).
3. Install anchor bolts in top of pier at each temporary support column.
4. Plumb temporary lift span support columns and ensure that the elevation of the top of the top plates vary not more than $\frac{1}{8}$". Install all braces at each tower leg between the existing tower and the temporary lift span support column.
5. Install all steel members between the two temporary lift span support columns.
6. Lower the lift span onto the temporary lift span support columns prior to jacking the counterweight to prevent damage to the drive line and brakes. Then jack the counterweights as shown on the temporary counterweight support system and jacking details plans and ensure that there is full seating between bearings of the lift span and the top plate of the temporary support columns. Install bearing restraints.
7. When all bridge repairs are complete raise span by lowering counterweight and remove temporary lift span support systems at both piers.
8. Replace all removed rivets with $\frac{7}{8}$" high strength bolts after removal of temporary support structure.
9. Replace any bearing shim plates needed for proper seating of the lift span in the down position with 14"x29" shim plates. Attach shim plates to bearing plates with a fillet weld around the perimeter of the shim plate.
10. All anchor bolts drilled and secured in existing concrete shall be removed upon completion of the repairs and the holes shall be patched per section 442 of the standard specifications.

Notes:
For additional details see sheet no. 7 of 15.
For general notes see sheet 2 of 15.

MODJESKI and MASTERS Experience great bridges	USER NAME =	DESIGNED - JAK	REVISED -
		CHECKED - DMS	REVISED -
	PLOT SCALE =	DRAWN - RSJ	REVISED -
	PLOT DATE =	CHECKED - JAK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY LIFT SPAN SUPPORT SYSTEM - 1
STRUCTURE NO. 086-0001
SHEET NO. 6 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
757	(20)I	PIKE/SCOTT	17	8
		CONTRACT NO. 72F75		
	ILLINOIS FED. AID PROJECT			