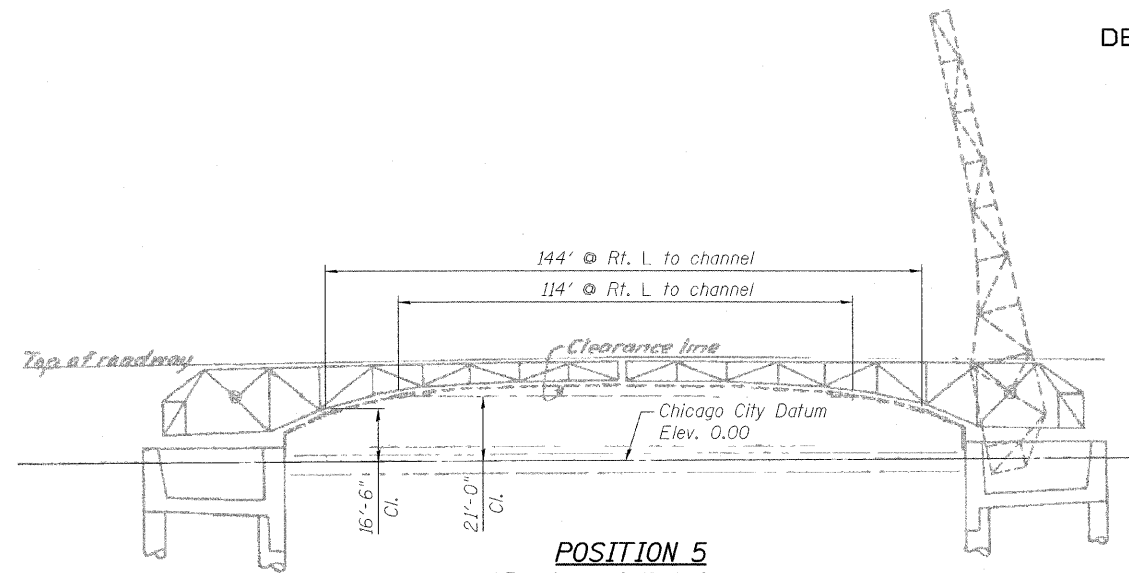


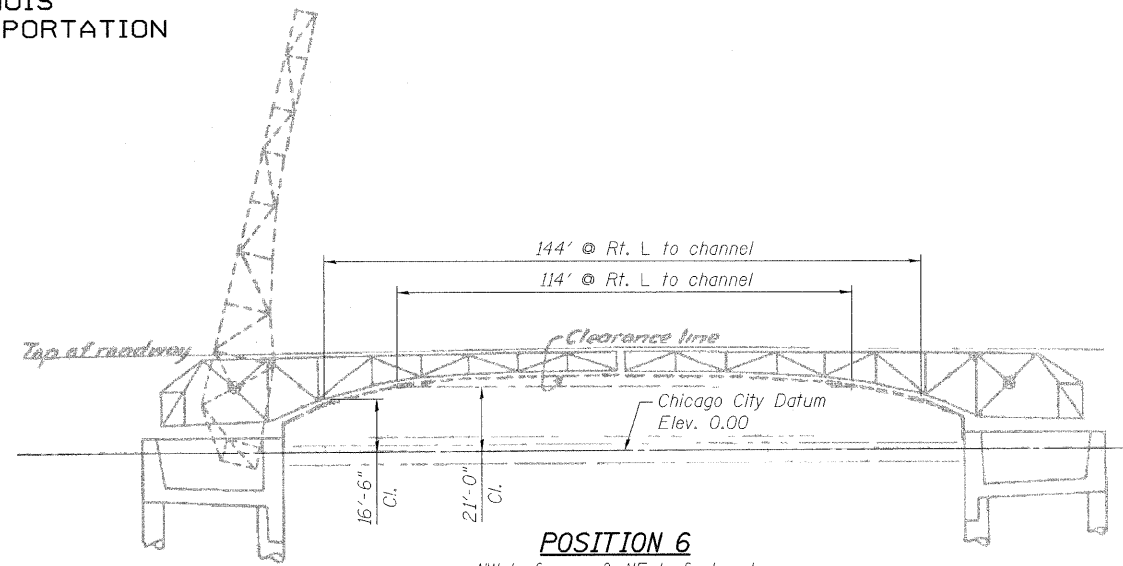
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



POSITION 5

NE leaf open & NW leaf closed

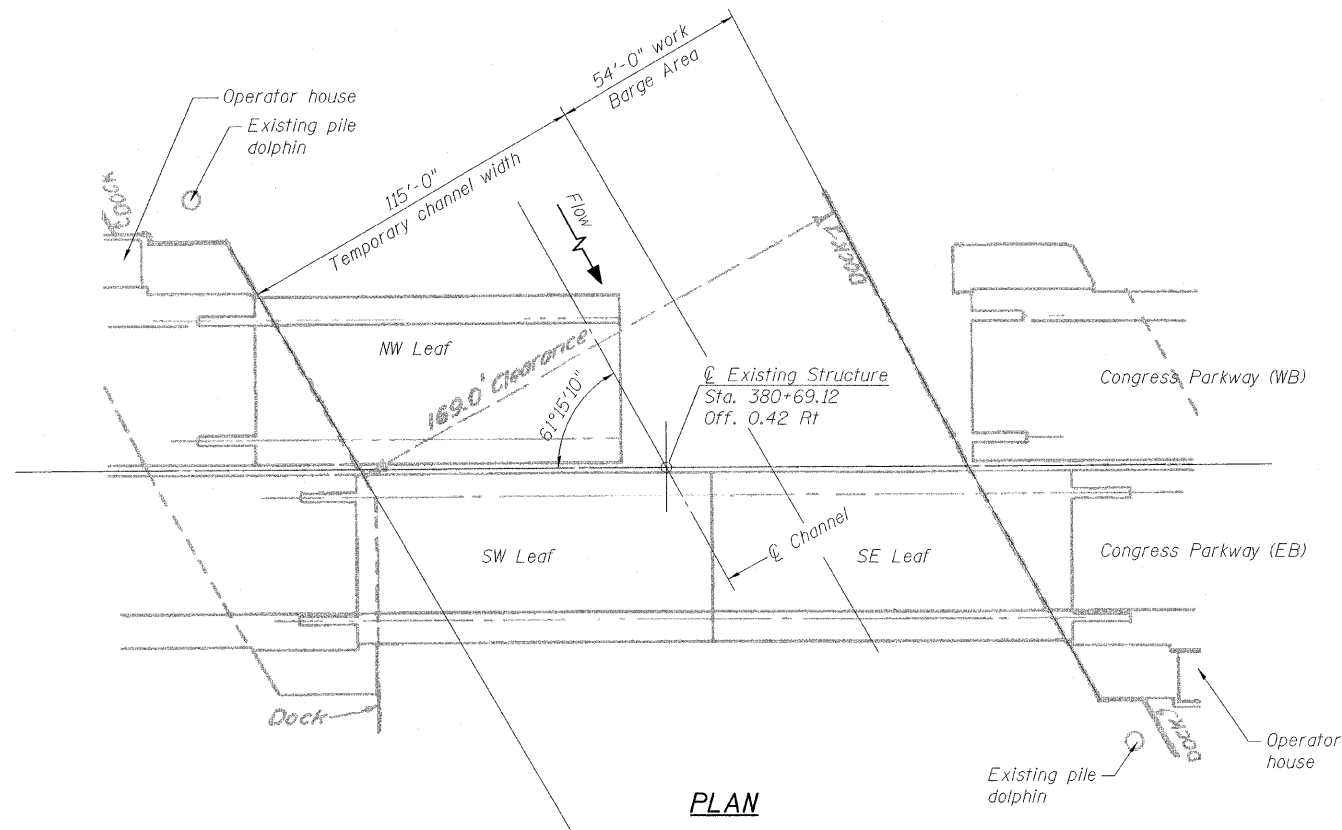
Stage II: Eastbound bridge operable. NE leaf may be operable, NW leaf must be operable for open position for navigation. Rehabilitation of the NE leaf may be performed in this position.



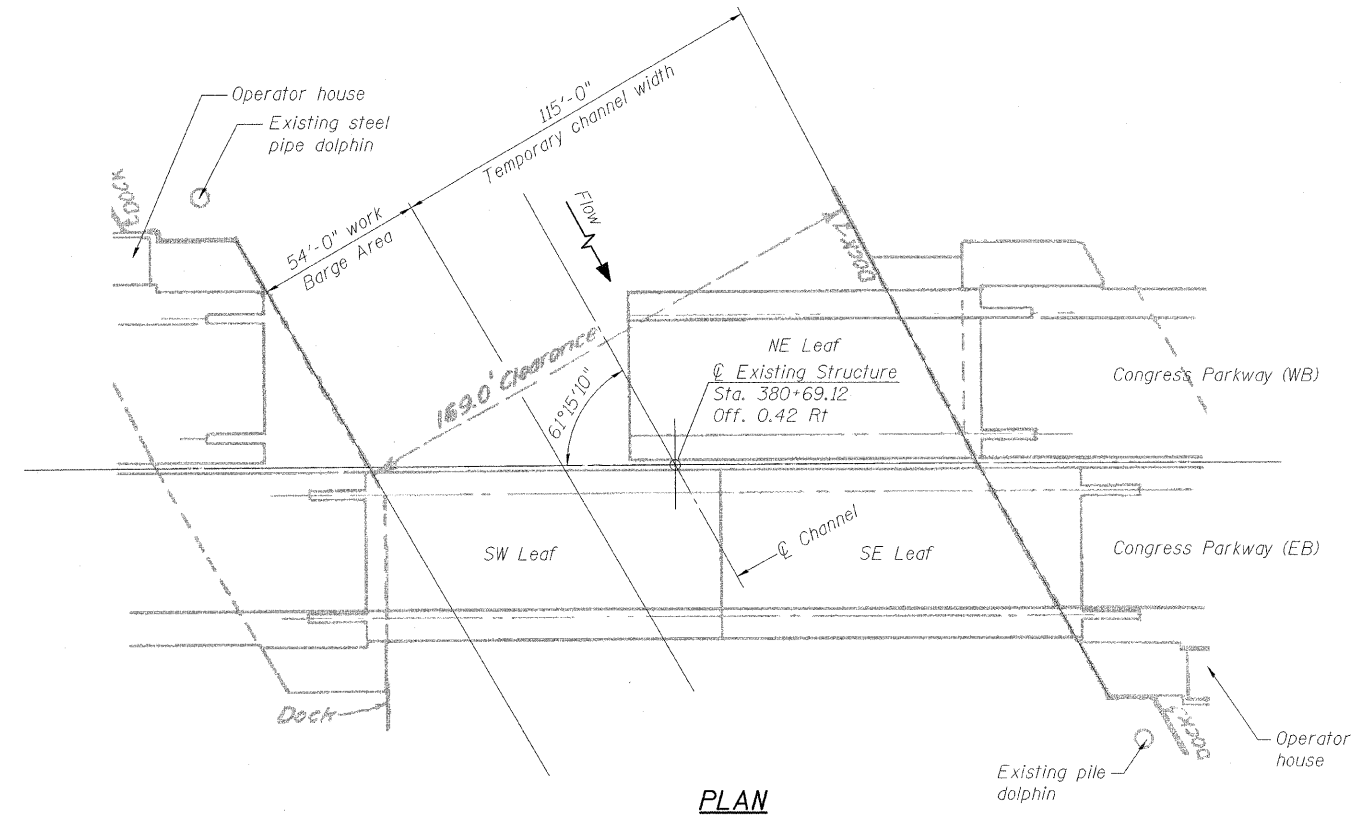
POSITION 6

NW leaf open & NE leaf closed

Stage II: Eastbound bridge operable. NW leaf may be operable, NE leaf must be operable for open position for navigation. Rehabilitation of the NW leaf may be performed in this position.



PLAN



PLAN

Notes:

When the leaves of the bascule span are inoperable in the full open position, the leaves must be secured. The Contractor shall submit the method and details, for securing the leaves in full open position, to the Engineer for review and approval.

The leaves shall be secured in the full open position during rehabilitation of the mechanical and electrical systems which maintain the bridge leaves in position.

The new untested machinery and electrical components of the drive system shall not be used to lower the leaves without an independent support/lowering system or as temporary bridge operating systems. The contractor shall submit the method of independent support/lowering to the Engineer for review and approval.

Bascule leaves (open or closed) and navigational channel shall be appropriately marked at all times as per US Coast Guard regulations.

Temporary means to operate the active leaf shall be available at all times. See special provisions for additional details.

The Contractor shall maintain proper balance of the bascule spans during construction such that the imbalance is not more than described in the special provision and the drive system is not overstressed.

See Mechanical Drawings for machinery work. See Electrical Drawings for electrical work. See Structural Drawings for repair and replacement work which includes steel deck removal and replacement, sidewalk replacement, and steel repairs/replacement.

The Contractor may maintain the bridge in position 2,3,4,5, or position 6 during construction upon approval by the U.S. Coast Guard. Maximum encroachment into the channel is 54 feet.

The Eastbound bridge will be closed to vehicular traffic during rehabilitation (Stage I).

The Westbound bridge will be closed to vehicular traffic during rehabilitation (Stage II).

For clarity, operator's house is not shown in elevations. Work required to comply with all U.S. Coast Guard closure and navigation requirements shall be included in total contract.

**STAGE CONSTRUCTION DETAILS
STRUCTURE NO. 016-2445**

DESIGNED	A. HAMMAD
CHECKED	J. GRAINAWI
DRAWN	D. C. PATEL
CHECKED	A. HAMMAD

PB Americas, Inc.
230 WEST MONROE STREET,
SUITE 900
CHICAGO, IL. 60606

SHEET NO. 5 163 SHEETS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	389	2424.2B-R	COOK	398	86
			CONTRACT NO. 60D61		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					