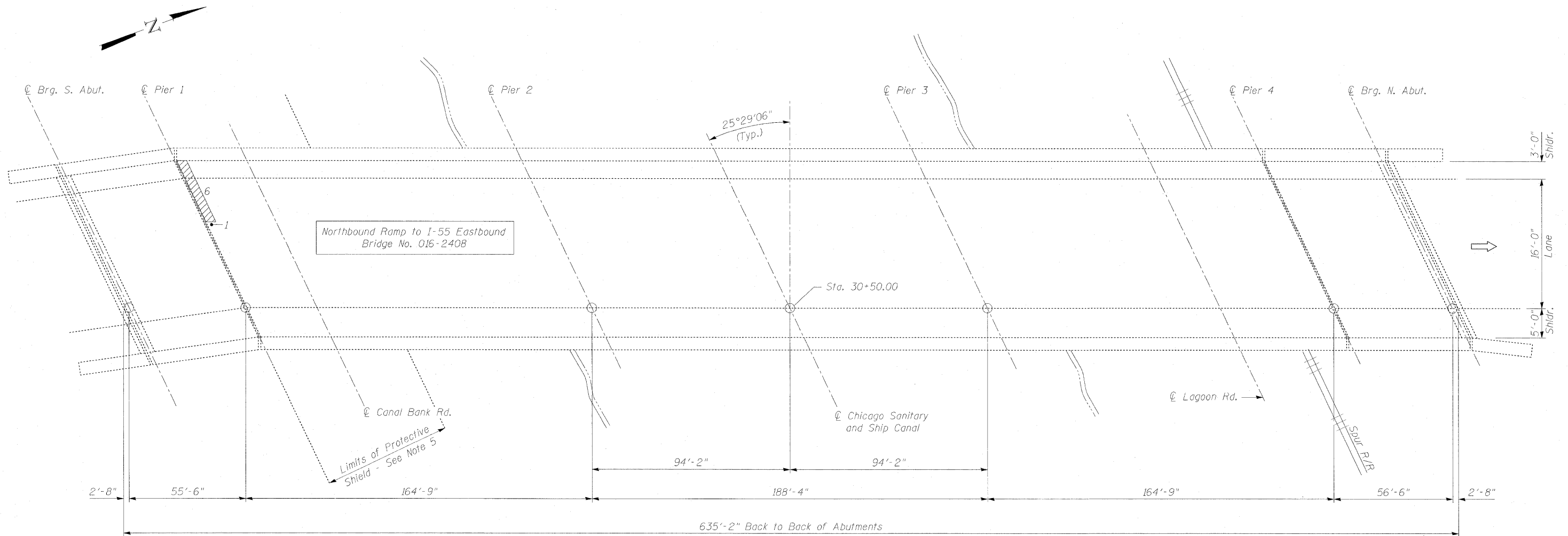Existing Structure: S.N. 016-2408. Bridge to be closed for repairs.
See Maintenance of Traffic Substage IIA for Detour Plan.

No Salvage.

¢ Brg. S. Abut.   ¢ Pier 1   ¢ Pier 2   ¢ Pier 3   ¢ Pier 4   ¢ Brg. N. Abut.

25°29'06"
(Typ.)

3'-0" Shldr.

16'-0" Lane

Northbound Ramp to I-55 Eastbound
Bridge No. 016-2408

Sta. 30+50.00

5'-0" Shldr.

¢ Canal Bank Rd.

¢ Lagoon Rd.

¢ Chicago Sanitary
and Ship Canal

Spur R/R

Limits of Protective
Shield - See Note 5

2'-8"   55'-6"   164'-9"   94'-2"   94'-2"   164'-9"   56'-6"   2'-8"

188'-4"

635'-2" Back to Back of Abutments

PLAN

Notes:

1. Repairs shall include but not be limited to the areas shown.
   The actual areas to be determined by the Engineer at the
   time of construction.

2. The Engineer shall record the actual deck repair areas in
   order to document as-built conditions for the future reference.

3. Care shall be exercised during concrete removal to protect
   the reinforcement bars and structural steel from damage.

4. The Contractor shall make his own investigation to determine
   the existence, nature, and exact location of all utility lines and
   appurtances within the limits of the work. Any damage to be
   repaired at the Contractor's expense.

5. Quantities for protective shield have been included in the spans
   over traffic if full or partial depth repairs were recommended to
   be performed on that span. The calculated quantity considers
   the entire span where the repair is located, from half the width
   of the shoulder (five feet minimum beyond the edge of pavement
   or edge of sidewalk) on each side of the roadway.

Legend:

▨ Indicates Partial Deck Slab Repair

▩ Indicates Full Depth, Type II Deck
   Slab Repair

BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Deck Slab Repair (Partial)	Sq. Yd.	0.7
Protective Shield	Sq. Yd.	105

DECK SLAB REPAIRS
1ST AVE. (IL. 171) N.B. RAMP TO I-55 E.B.
OVER SANITARY AND SHIP CANAL
COOK COUNTY
STATION 30+50.00
STRUCTURE NO. 016-2408

FILE NAME =	USER NAME =	SHEET	DESIGNED - EM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DECK SLAB REPAIR PLAN STRUCTURE NO. 016-2408	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			CHECKED - JMH	REVISED -			373	2011-077-BR	COOK	32	26
	PLOT SCALE =		DRAWN - DR/PRH	REVISED -				CONTRACT NO. 60R03			
	PLOT DATE =		CHECKED - JMH	REVISED -		SHEET NO. S12 OF S13 SHEETS	ILLINOIS FED. AID PROJECT				