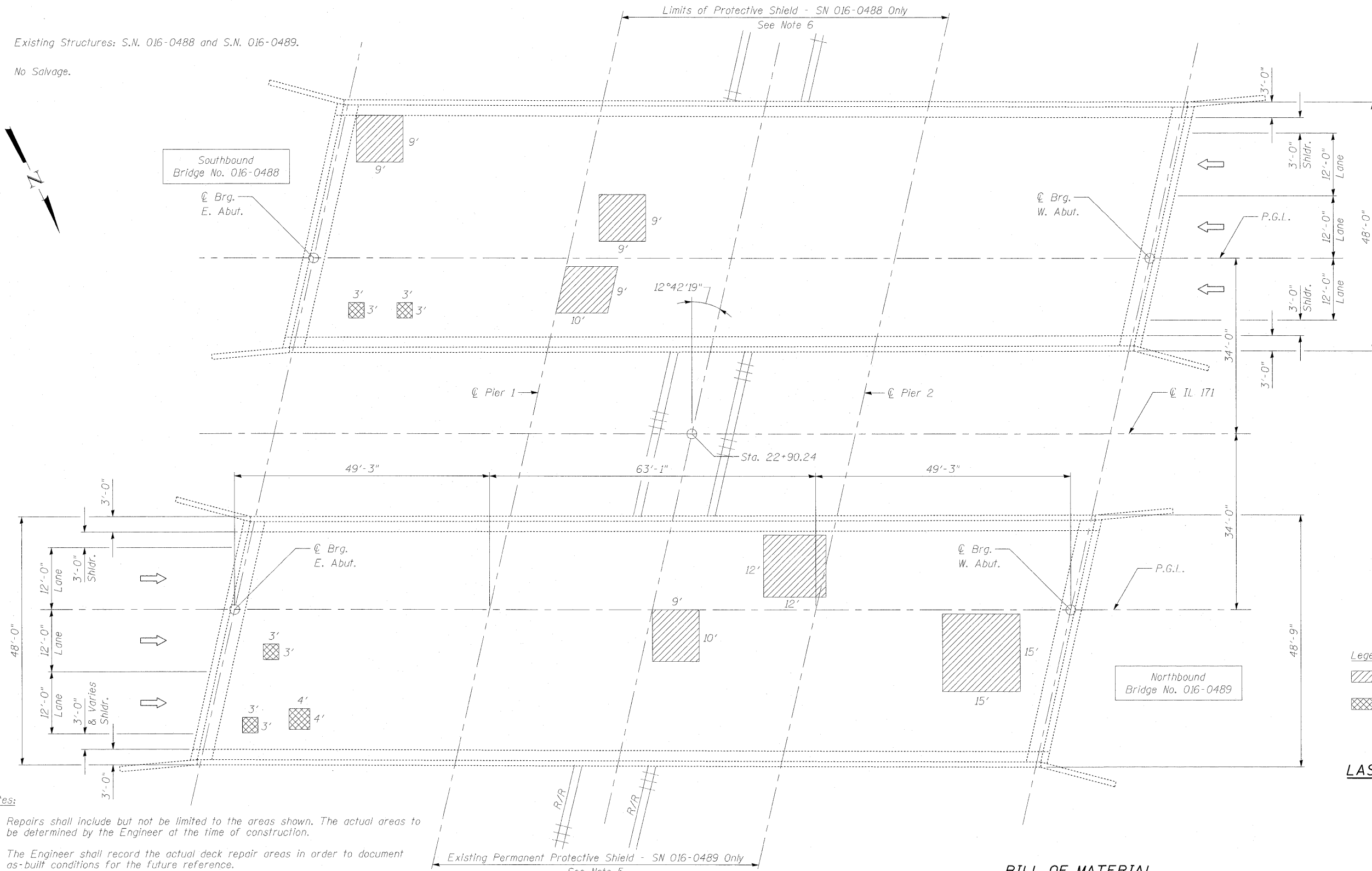


Existing Structures: S.N. 016-0488 and S.N. 016-0489.

No Salvage.



**Legend:**  
 Indicates Partial Deck Slab Repair  
 Indicates Full Depth, Type II Deck Slab Repair

**LAST DELAMINATION SURVEY**  
 July, 2011 (Provided by IDOT)

- Notes:**
- 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.
  - The Engineer shall record the actual deck repair areas in order to document as-built conditions for the future reference.
  - Care shall be exercised during concrete removal to protect the reinforcement bars and structural steel from damage.
  - The Contractor shall make his own investigation to determine the existence, nature, and exact location of all utility lines and appurtenances within the limits of the work. Any damage to be repaired at the Contractor's expense.
  - There is an existing permanent protective shield system installed over the railroad. The District Bridge Office indicated that the existing protective shield is acceptable for reuse. The permanent protective shield system shall not be removed upon completion of the work.

- 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.

**PLAN**

**BILL OF MATERIAL**

ITEM	UNIT	QUANTITY
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	5.8
Deck Slab Repair (Partial)	Sq. Yd.	79
Protective Shield	Sq. Yd.	305

**DECK SLAB REPAIRS**  
**1ST AVE. (IL. 171) OVER CN RAILROAD**  
**COOK COUNTY**  
**STATION 22+90.24**  
**STRUCTURE NO. 016-0488 (S.B.)**  
**& STRUCTURE NO. 016-0489 (N.B.)**