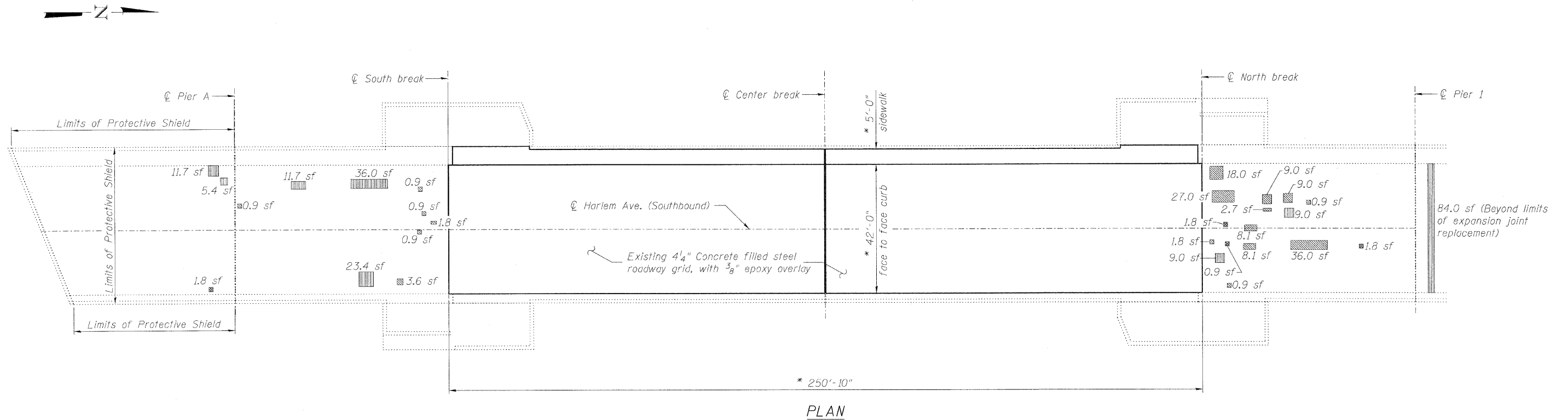


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* Limits of Concrete Bridge Deck Scarification
and Bridge Deck Thin Polymer Overlay



Notes:
 Repair of the existing deck slab shall include but may not be limited to the areas shown. The actual area to be repaired will be determined by the Engineer at the time of construction.
 Repair areas of concrete filled grid using Polymer Concrete (as directed by the Engineer).
 Bridge deck scarification shall be limited to hand-held blast cleaning methods.
 Sidewalks do not require overlay removal and replacement.
 Concrete Sealer shall be applied to top of deck surface on approaches, top of sidewalks, roadway face of curbs and parapets, and concrete slab above machine houses. Concrete Sealer shall not be applied on areas with Polymer Overlay.
 Areas of deck repairs shown are estimated. The Engineer shall show actual locations of deck repairs on As-built Plans.

BILL OF MATERIAL

Item	Unit	Total
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	0.7
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	21.1
Deck Slab Repair (Partial)	Sq. Yd.	14.5
Protective Shield	Sq. Yd.	331
Bridge Deck Thin Polymer Overlay 3/8"	Sq. Yd.	1310
Concrete Bridge Deck Scarification (3/8 inch)	Sq. Yd.	1310
** Polymer Concrete	Cu. Ft.	5.0
Concrete Sealer	Sq. Ft.	17296

** Shall be used if concrete surfaces are below the top of steel grid after scarification, in order to provide a smooth surface for Polymer Overlay. Contractor may substitute Polymer Concrete with an approved equivalent cementitious patching material for concrete.

**DECK SLAB REPAIR
STRUCTURE NO. 016-0991**

LEGEND

- Indicates Deck Slab Repair (Partial)
- Indicates Deck Slab Repair (Full Depth, Type I)
- Indicates Deck Slab Repair (Full Depth, Type II)

sf Square Feet

 LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois	SHEET NO. 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	14 SHEETS	348	(0708.1&2323.5)B	COOK	47	32
Designed By: ADB Date: March, 2010	Checked By: MTH File: 016-0991.dwg	Drawn By: ADB	CONTRACT NO. 60D69			
			ILLINOIS FED. AID PROJECT			