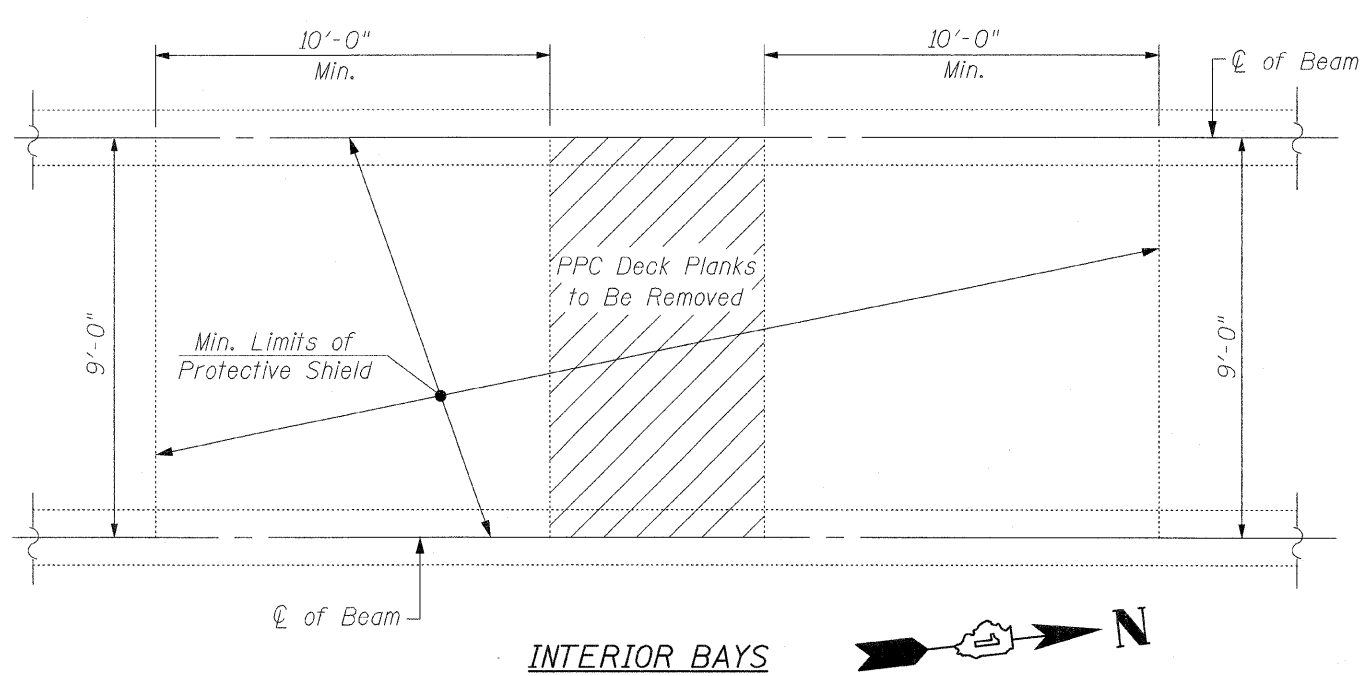


PROTECTIVE SHIELD AT EXPANSION JOINT RECONSTRUCTION LOCATIONS

See Sht's. S14 Thru S26 for Locations of Expansion Joint Reconstruction and See Sht. S19 for Protective Shield Limits of Skewed Joint at Pier No. 5) (7 Locations)



PROTECTIVE SHIELD AT FULL DEPTH PATCH LOCATIONS

See Sht's. S9 Thru S11 for Locations of Deck Slab Repair (Full Depth, Type II) (9 Locations)

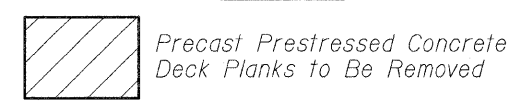
NOTES:

- The Contractor shall submit detailed Shop Drawings to the Engineer for approval prior to constructing the Protective Shield.
- For multiple Plank removal, the Protective Shield shall be adjusted length wise (as measured parallel to Centerline of the Roadway) to maintain a minimum distance of 10'-0" from the outer most edge of the removal area.
- The Existing Deck consists of either 2 1/2" or 3" PPC Panels with 4 1/2" or 5" Reinforced Concrete Overlay.
- The last 42'-0"± of the Deck at the North End of the Structure is Reinforced Concrete Full Depth.
- There are no "As-Built" Plans for the Existing Deck.

BILL OF MATERIAL

Item	Unit	Quantity
Protective Shield	Sq. Yd.	1,830

LEGEND:



FILE NAME = protect_shield.dgn	USER NAME = IDOT	DESIGNED - B.N.S.	REVISED -
		DRAWN - R.E.S./D.L./F.M.	REVISED -
		CHECKED - B.N.S./J.C.N.	REVISED -
		DATE - JANUARY, 2009	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROTECTIVE SHIELD DETAIL
LEMONT ROAD OVER DES PLAINES RIVER S.N. 016-2504**

F.A.U. RTE. 2612	SECTION 3104 B-1-1-2	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 48
SCALE: SHEET NO. S12 OF S41 SHEETS		STA. TO STA.	CONTRACT NO. 60D76	



CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS / PLANNERS / SURVEYORS
211 W. WACKER DRIVE CHICAGO, IL 60606
PHONE: (312)372-2023 FAX: (312)372-5274