



EXISTING DECK PLAN

LEGEND:

Reconstruct Transverse Expansion Joints, Place Preformed Joint Strip Seals

See Detail "A" on Sht. S3 for Scupper Details

TOTAL BILL OF MATERIAL

Item	Unit	Quantity
Concrete Removal	Cu. Yd.	65
Concrete Superstructure	Cu. Yd.	65
Reinforcement Bars, Epoxy Coated	Pound	15,190
Bridge Deck Hydro-Scarification, 3 Inches	Sq. Yd.	901
Bridge Deck Latex Concrete Overlay, 3 Inches	Sq. Yd.	901
Protective Coat	Sq. Yd.	961
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	44
Preformed Joint Strip Seal	Foot	225
Bridge Deck Grooving	Sq. Yd.	832
Protective Shield	Sq. Yd.	700
Bar Splicers	Each	122

Quantity is for new Protective Shield only. The existing Protective Shield is to remain.

GENERAL NOTES:

- Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
- The Contractor should use extreme care during Concrete Removal as not to damage the Existing PPC I-Beams. Any damage caused shall be repaired at no cost to I.D.O.T.
- Areas of Deck Repairs shown are estimated. The Engineer shall show actual locations of Deck Repairs on As-Built Plans.
- Joint openings shall be adjusted according to Article 520.04 of The Standard Specifications when the Deck is poured at an ambient temperature other than 50° F.
- Reinforcement Bars shall conform to the requirements of ASTM A706 Grade 60. See Special Provisions.
- Reinforcement Bars designated (E) shall be Epoxy Coated.

**DESIGN STRESSES
FIELD UNITS**

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)



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FILE NAME = plan.elevation.sht	USER NAME = IDOT	DESIGNED - B.N.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL PLAN IL. 72 OVER I-90			F.A.P. RTE. 341	SECTION N-4-C-1	COUNTY KANE	TOTAL SHEETS 32	SHEET NO. 13
PLOT SCALE = 50,0000' / IN.	CHECKED - B.N.S./J.C.N.	DATE - JANUARY 15, 2009	REVISED -		SCALE:	SHEET NO. 51 OF 58 SHEETS	STA.	TO STA.	S.N. 045-0074			
PLOT DATE = 1/15/2009	DATE - JANUARY 15, 2009	REVISED -	REVISED -		CONTRACT NO. 60D72							
ILLINOIS FED. AID PROJECT												