NOTES

4'2'



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CHICAGO, ILLINOIS

05 03 2013

REVISED

DATE

PLOT DATE = 7/30/2014

72" PPC BULB T-BEAM DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
STRUCTURE NO. 048–0091	74	48-[(25B)BR, BR-1]	KNOX	131	65	
		CONTRACT NO. 68B85				
SHEET NO. S19 OF S25 SHEETS	ILLINOIS FED. AID PROJECT					

1. Inserts for ${}^3_4{}^{\prime\prime}$ ϕ threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams. 2. Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be $\frac{l}{2}$ '' and the nominal cross-sectional area shall be 0.153 sq. in.

3. Reinforcement bars shall conform to ASTM A 706, Grade 60. 4. A minimum $2l_2'' \phi$ lifting pin shall be used to engage the lifting loops during handling. 5. The top and bottom plates shall be AASHTO M270 Grade 50. 6. The bottom plates and studs shall be galvanized according to AASHTO M111. Top plates and threaded rods need not be galvanized. 7. Threaded rods shall be ASTM F 1554 Grade 55.



BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 72″	Ft.	605.5