<u>NOTES</u>



FILE NAME =	DESIGNED EV	REVISED -	GEDOTEIN		72" PPC BULB T-BEAM DETAILS	F.A.I. RTE.	SECTION	COUNTY TO	OTAL SHEET HEETS NO.
\0480090-68084-019-PPC_T_beam Details.dgr		REVISED -		STATE OF ILLINOIS	STRUCTURE NO. 048–0090	74	48-[(25B)BR, BR-1]	KNOX 1	131 40
PLOT TIME = 4:31:31 PM	CHECKED PC	REVISED -	600 WEST FULTON STREET TEL 312 454 9100 CHICAGO, ILLINOIS FAX 312 559 1217	DEPARTMENT OF TRANSPORTATION		_		CONTRACT N	10. 68B85
PLOT DATE = 7/30/2014	DATE 05 03 2013	REVISED -	60661-1259 WEB www.epsteinglobal.com		SHEET NO. S19 OF S25 SHEETS		ILLINOIS FED. AI	D PROJECT	

Inserts for ³/₄ (*) \$\overline\$ threaded dowel rods, when specified, are to be two strut, ferrule type for interior beams and single ferrule, flared loop type for exterior beams.
Prestressing steel shall be uncoated high strength, low relaxation 7-wire strand, Grade 270. The nominal diameter shall be ¹/₂ (*) and the nominal cross-sectional area shall be 0.153 sq. in.

Reinforcement bars shall conform to ASTM A 706, Grade 60.
A minimum 2¹/₂" \$\u03c6\$ lifting pin shall be used to engage the lifting loops during handling.
The top and bottom plates shall be AASHTO M270 Grade 50.
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.



BAR G2

4'2'

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Precast Prestressed Concrete Bulb T-Beams, 72′′	Ft.	629