

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	DU PAGE	546	98
STA.	TO STA.		

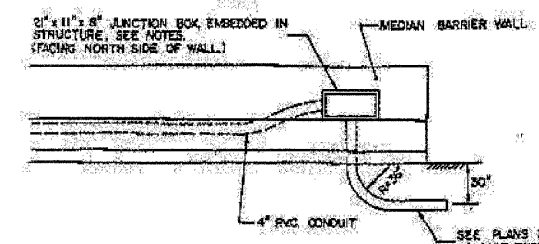
24 INCH DIAMETER FOUNDATION DEPTH TABLE FOR 50 FT. MOUNTING HEIGHT LIGHT POLE

TYPE OF SOIL	FOUNDATION DEPTH D	REINFORCEMENT IN FOUNDATION	
		VERTICAL BARS	SPIRAL
ROCK OR SOLIDIFIED SLAG	5'-0"	NONE	NONE
DENSE SAND	7'-9"	8-#46 x 9'-0"	#3 x 90'
MEDIUM SAND	8'-3"	8-#46 x 8'-6"	#3 x 94'
LOOSE SAND	9'-0"	8-#46 x 10'-2"	#3 x 100'
STIFF CLAY	7'-0"	8-#46 x 8'-2"	#3 x 80'
MEDIUM CLAY	8'-6"	8-#46 x 10'-8"	#3 x 104'
SOFT CLAY	13'-0"	8-#46 x 14'-2"	#3 x 144'

DESIGN: 80 MPH AASHTO

- NOTES:
- THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORMS.
 - THE CONTRACTOR AT HIS OPTION MAY SUBSTITUTE #4 TIES AT 12" CTRS. FOR THE #3 SPIRAL. TACKWELDED TYPE BOLT MAY BE SUBSTITUTED FOR THE HOOK TYPE BOLT.
 - COLD BENDING OF THE HOOK BOLT SHALL NOT BE ALLOWED.
 - EXCAVATION FOR THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER 24 INCHES IN DIAMETER.
 - THE ENGINEER SHALL DETERMINE THE TYPE OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE USING THE DOMINANT OF FOUNDATION OF THE SOIL ENCOUNTERED.

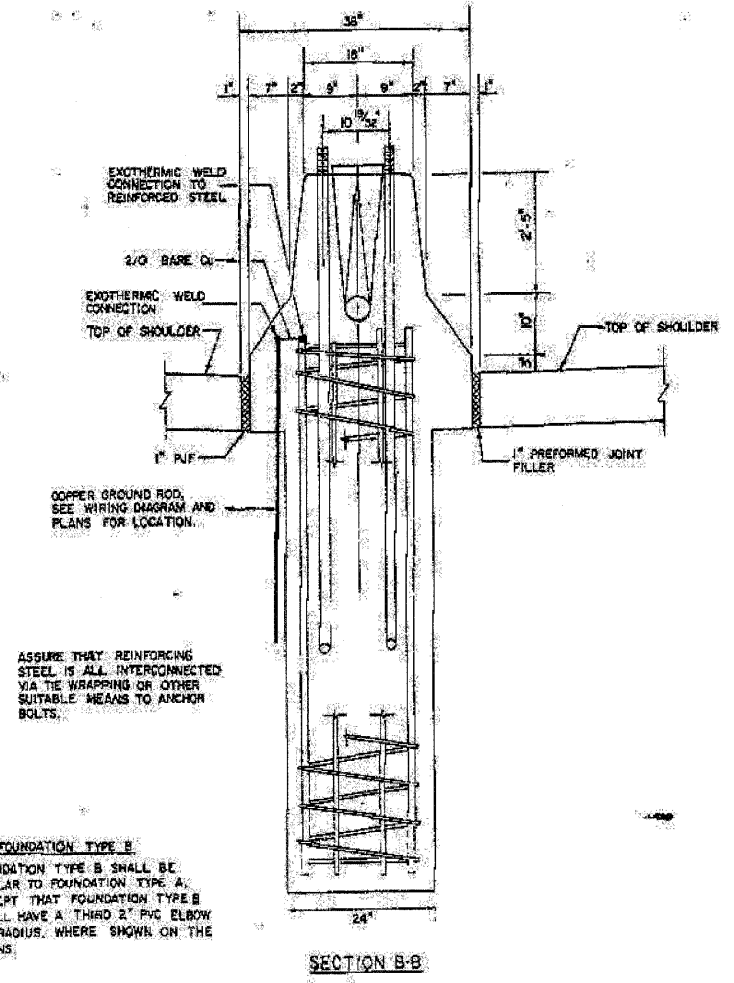
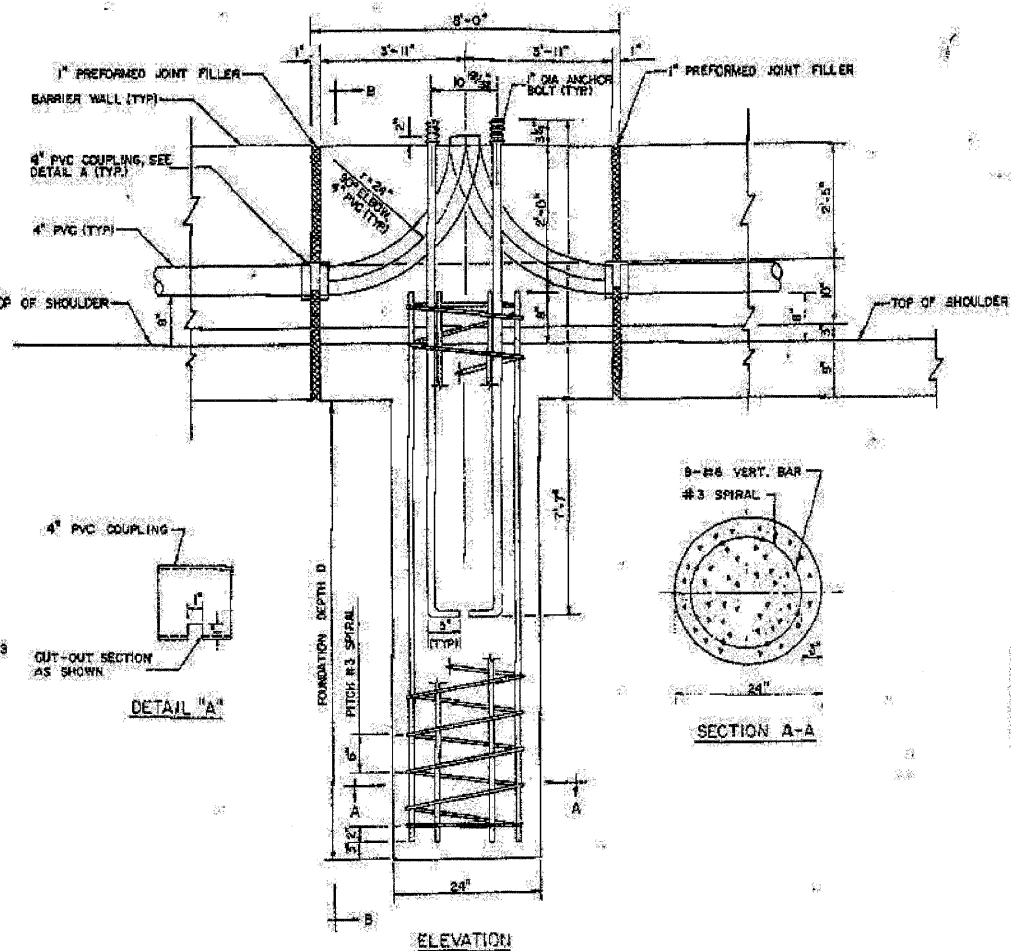
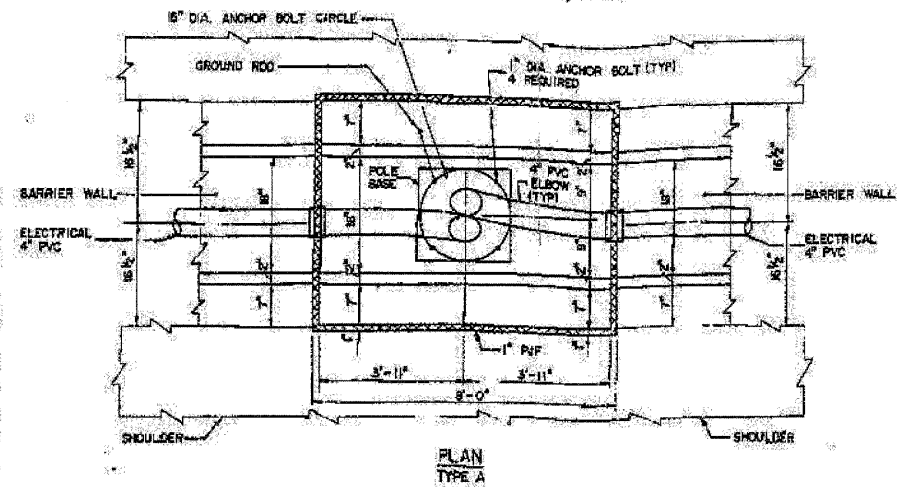
JUNCTION BOX INSTALLED IN MEDIAN BARRIER WALL (N.T.S.)



THE JUNCTION BOX SHALL ONLY BE INSTALLED WHEN INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER TO FACILITATE THE INSTALLATION OF UNIT DUCT INTO THE CONDUIT EMBEDDED IN THE MEDIAN BARRIER WALL.

THE JUNCTION BOX SHALL BE PAID FOR AT THE UNIT PRICE FOR: JUNCTION BOX, EMBEDDED IN STRUCTURE, 21" x 11" x 6".

THE EXACT LOCATION OF THE JUNCTION BOX SHALL BE DETERMINED BY THE ENGINEER.



ASSURE THAT REINFORCING STEEL IS ALL INTERCONNECTED VIA TIE-WRAPPING OR OTHER SUITABLE MEANS TO ANCHOR BOLTS.

FOUNDATION TYPE B
FOUNDATION TYPE B SHALL BE SIMILAR TO FOUNDATION TYPE A EXCEPT THAT FOUNDATION TYPE B SHALL HAVE A THIRD 2\"/>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
24" DIA LIGHT POLE FOUNDATION
INTEGRAL WITH DOUBLE FACE
BARRIER WALL
TYPE A B B
E-13
SCALE NONE
DATE AUGUST 8, 1991
DRAWN BY: EK
CHECKED BY: RG

FOR INFORMATION ONLY

Note:
Work this sheet with sheet 1 of 2.

FILE NAME =	DESIGNED - KJN	REVISED -
...Roadway_Light Pole_Fndn_Exist.dwg	DRAWN - RMG	REVISED -
USER NAME = tblank	CHECKED -	REVISED -
PLOT DATE = 11/13/2009	DATE - EFS	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MEDIAN BARRIER LIGHT POLE FOUNDATION
REPAIR PLAN

SCALE: N.T.S. SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	221, 1-1, 2&3IRS-7	DUPAGE	546	104
*290.355			CONTRACT NO. 60G51	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		