

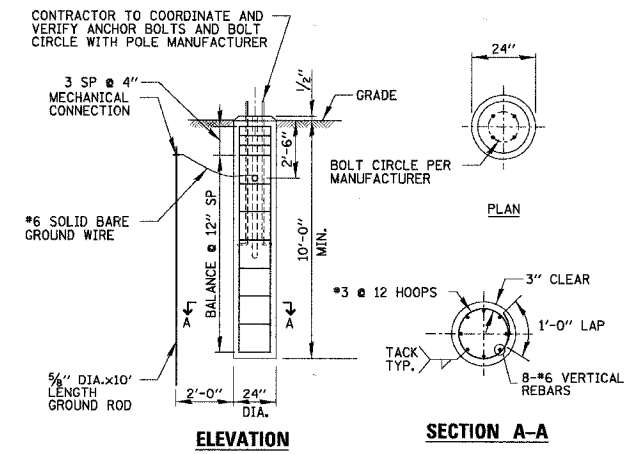
NOTE:
 ALL CONDUCTORS IN THE UNIT DUCT RUNS SHALL HAVE COLOR CODED INSULATION THROUGHOUT THE ENTIRE LENGTH OF THE CONDUCTOR. THE COLOR IDENTIFICATION FOR THE SYSTEM GROUND SHALL BE GREEN. THE PHASE CONDUCTORS SHALL BE PER IDOT STANDARD 1066.02 (A).

ONE LINE CIRCUIT DIAGRAM
 N.T.S.

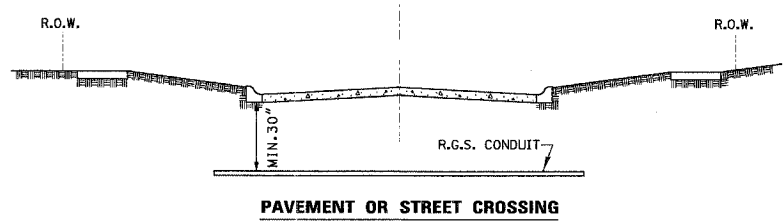
24 IN. DIA. FOUNDATION DEPTH TABLE
DESIGN BASE ON 80 M.P.H. AASHTO WIND LOADING

TYPE OF SOIL	FOUNDATION DEPTH D	REINFORCEMENT IN FOUNDATION	
		VERTICAL BARS	HORIZONTAL BARS
ROCK OR SOLIDIFIED SLAG	5'-0"	NONE	NONE
DENSE SAND	7'-9"	8-#6 x 7'-4"	#3 x 73'
MEDIUM SAND	8'-3"	8-#6 x 7'-10"	#3 x 78'
LOOSE SAND	9'-0"	8-#6 x 8'-7"	#3 x 85'
STIFF CLAY	7'-0"	8-#6 x 6'-7"	#3 x 66'
MEDIUM CLAY	9'-6"	8-#6 x 9'-1"	#3 x 90'
SOFT CLAY	13'-0"	8-#6 x 12'-7"	#3 x 122'

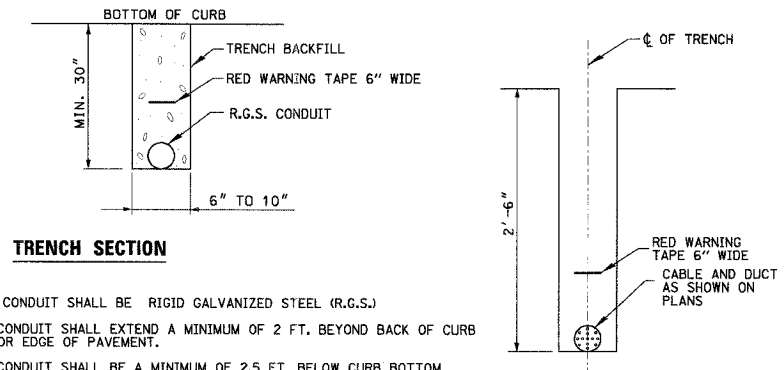
NOTE: CONTRACTOR TO VERIFY FOUNDATIONS DEPTH WITH EXISTING SOIL CONDITIONS.



CONCRETE FOUNDATION DETAIL
 N.T.S.



PAVEMENT OR STREET CROSSING



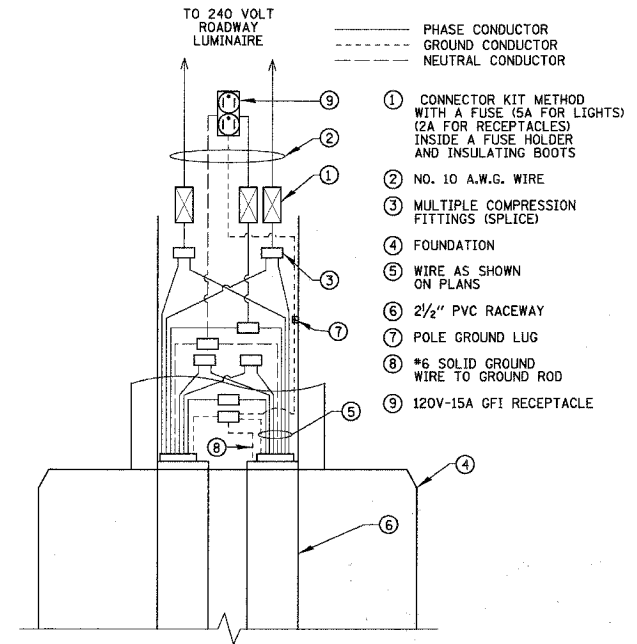
TRENCH SECTION

TRENCH CROSS SECTION

- ① CONDUIT SHALL BE RIGID GALVANIZED STEEL (R.G.S.)
- ② CONDUIT SHALL EXTEND A MINIMUM OF 2 FT. BEYOND BACK OF CURB OR EDGE OF PAVEMENT.
- ③ CONDUIT SHALL BE A MINIMUM OF 2.5 FT. BELOW CURB BOTTOM.

ELECTRIC CONDUIT UNDER PAVEMENT

TYPICAL CONDUIT INSTALLATION DETAILS
 N.T.S.



POLE HANDHOLE WIRING DIAGRAM
 N.T.S.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
88TH AVENUE
ROADWAY LIGHTING DETAILS-4

SCALE: NO SCALE
 DATE: 8/22/2006

DRAWN BY: AJD
 DESIGN BY: AJD
 CHECKED BY: JPC