



NOTES: FOUNDATION

- THE ENGINEER SHALL DETERMINE THE CLASS OF SOIL DURING EXCAVATION AND SELECT THE DESIGN DEPTH OF FOUNDATION FROM THE DESIGN TABLE.
- 2. THE DESIGN DEPTH "D" OF FOUNDATION SHALL BE ACCORDING TO FIELD CONDITIONS.

6" to 12"

TRENCH AND BACKFILL

- 3. EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER 24" IN DIAMETER.
- 4. THE CONTRACTOR SHALL USE #3 SPIRAL AT 6" PITCH OR AT HIS OPTION MAY SUBSTITUTE #3 TIES AT 12" O.C.
- THE ANCHOR BOLTS TIED WITH REINFORCEMENT AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
- CONCRETE SHALL BE CLASS "SI". CONCRETE FOUNDATION MUST BE CURED FOR (10) TEN DAYS BEFORE THE LIGHT STANDARD IS ERECTED.
- 7. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT POLE
- ANCHOR BOLTS PROJECTION ABOVE THE TOP OF THE FOUNDATION SHALL BE ACCORDING TO THE REQUIREMENTS OF POLE MANUFACTURER.
- 9. RACEWAYS SHALL PROJECT " ABOVE THE TOP OF THE FOUNDATION.
- 10. REINFORCEMENT BARS SHALL COMPLY WITH ARTICLE 1006.10 OF THE STANDARD SPECIFICATION.
- 11. THE GROUND ROD, REINFORCING BAR AND ANCHOR BOLT SHALL BE TIED WITH #2 COPPER WIRE AND CONNECTION SHALL BE EXOTHERMIC WELD.

SEALANT TAPE OR INSERT (AROUND AND THROUGH CROTCH SPLICE) ELECTRIC FEEDER CABLE, SUCH AS UNIT DUCT (SIZE AS NOTED EXPOSED SEALANT ON CONTRACT DRAWINGS) ELECTRIC CABLE TO LUMINAIRE NOTE: NUMBER OF CABLES (SIZE AS NOTED ON THE IN SPLICE MAY VARY CONTRACT DRAWINGS) SPLICING ELECTRIC CABLE SAW-CUT -PAVEMENT REMOVE AND REPLACE ASPHALT -COMPACTED GRANULAR (CA-6) 0 BACKFILL IN AREAS UNDER PAVEMENT 6" WARNING TAPE AS SPECIFIED.

TRIMMED CABLES

TRENCH AND BACKFILL UNDER ASPHALT PAVEMENT

6" to 12"

TYPE OF SOIL	DESIGN DEPTH OF FOUND'N		REINFORCEMENT IN FOUNDATION			
	SINGLE ARM D	TWIN ARM D	SINGLE		TWIN	
			VERT BARS	SPIRAL	VERT BARS	SPIRAL
SOFT CLAY	13'-0"	15'-0"	8-#6 X 12'-6"	*3 X 122′	8-#6X14'X3'	*3 X 141
MEDIUM CLAY	9'-6"	10'~9''	8-#6 X 9'-0"	#3 X 90'	8-#6 X 10'-0'	*3 X 100
STIFF CLAY	7'-0"	8'-0"	8-#6 X 6/-6"	#3 X 66"	8-#6 X 7'-6''	*3 X 76
LOOSE SAND	9'-0"	10'-0"	8-#6 X 8'-6"	3 X 85′	8-#6 X 9'-6"	#3 X 94
MEDIUM SAND	8'-3"	9'-0"	8-#6 X 8'-0"	#3 X 78′	8-#6 X 8'-6"	#3 X 85
DENSE SAND	7′-9″	9'-0"	8-46 X 7'-6"	*3 X 73′	8-#6 X 8'-6"	#3 X 85
ROCK OR SOLIDIFIED SLAG	5'-0"	5′-0″	NONE	NONE	NONE	NONE.

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— RIGID GALVANIZED STEEL CONDUIT WITH UNIT DUCT



VILLAGE OF CARPENTERSVILLE MAIN STREET OVER FOX RIVER

ELECTRICL DETAILS

SECTION

COMPRESSION TYPE COPPER SLEEVE (SIZED FOR ACTUAL

NUMBER OF CABLES AND MFR.

SUGGESTED CRIMP TOOL USED)

1283 02-00059-00-BR KANE

COUNTY

SHEETS NO

212 TIMBERCREST DRIVE SCHAUMBURG, ILLINOIS REVISION 02-26-05 60193-1572

SCALE: NTS DATE: 02-05-05 DRAWN BY: HMQ CHECKED BY: JS

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