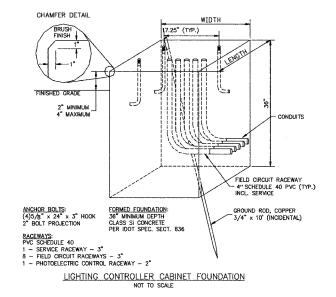
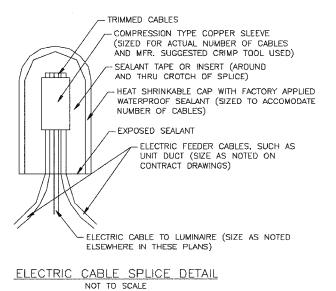
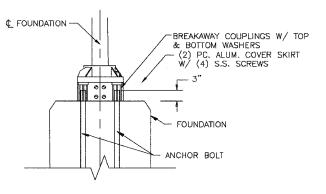
COUNTY TOTAL SHEE SHEETS NO. SECTION 2585 00-00068-01-WR COOK 145 113 STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT NO. 83785

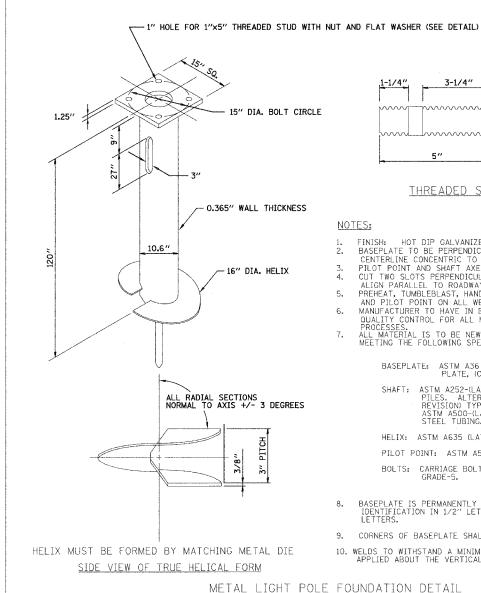






NOTE: BLACK FINISH TO MATCH POLE

BREAKAWAY COUPLING DETAIL NOT TO SCALE



3-1/4" 1-1/4"

THREADED STUD DETAIL

## NOTES:

- FINISH: HOT DIP GALVANIZE PER ASTM-A123 (LATEST REVISION)
  BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS AND HOLE
  CENTERLINE CONCENTRIC TO SHAFT AXIS.
  PILOT POINT AND SHAFT AXES TO BE CONCENTRIC AND IN LINE.
  CUT TWO SLOTS PERPENDICULAR TO THE BASEPLATE AND
  ALIGN PARALLEL TO ROADWAY OR BACK OF THE CURB.

- ALION PARALLEL TO ROADWAY OR BACK OF THE CURB. PREHEAT, TUMBLEBLAST, HANDGRIND AND CLEAN BASEPLATE, HELIX AND PILOT POINT ON ALL WELDED AREAS. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN OUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
- - BASEPLATE: ASTM A36 (LATEST REVISION) STRUCTURAL STEEL PLATE, (CONFORM TO AASHTO TECH. BUL. #270)
  - SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIALS: ASTM A53-(LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
  - HELIX: ASTM A635 (LATEST REVISION) HOT ROLLED STEEL.
  - PILOT POINT: ASTM A575 (LATEST REVISION) STEEL BAR.
  - BOLTS: CARRIAGE BOLTS PER ANSI B-18.2.1, SAE J429 GRADE-5.
- BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
- 9. CORNERS OF BASEPLATE SHALL BE ROUNDED.
- 10. WELDS TO WITHSTAND A MINIMUM OF 10,000 FT. LBS OF TORQUE APPLIED ABOUT THE VERTICAL AXIS.

METAL LIGHT POLE FOUNDATION DETAIL NOT TO SCALE

REVISIONS	TILITIOIS DEPARTMENT	OF TRANSPORTATION
NAME DATE		SCHAUMBURG
	MEACHA LIGHTING IM LIGHTING	PROVEMENTS
	SCALE: NONE	DRAWN BY: KDM
	DATE: DECEMBER 2004	CHECKED BY: JMV