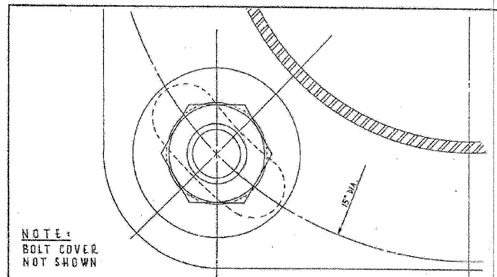
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	2021.1B-R	COOK	101	046
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62532



NOTE:
BOLT COVER NOT SHOWN

INSTALLATION NOTES

STEP 1 COAT EXPOSED PORTION OF ANCHOR BOLTS WITH APPROVED ANTI RUSTING GREASE ("NO-OX" OR EQUAL).

STEP 2 INSTALL LOWER LEVELLING NUTS & WASHERS, SET AT PROPER GRADE WITH HAND LEVEL, USE TABLE FOR APPROPRIATE DIMENSIONS.

STEP 3 MOUNT POLE OR PEDESTAL, ATTACH TOP WASHERS & NUTS HAND TIGHT.

STEP 4 PLUMB POLE OR PEDESTAL AFTER ALL MASTARMS, STREET LIGHTS, TRAFFIC SIGNALS & OTHER APPURTENANCES ARE ATTACHED TO POLE & TIGHTEN ALL NUTS.

STEP 5 ATTACH NUT COVERS WHERE REQUIRED.

STEP 6 DO NOT GROUT IN SPACE BETWEEN BOTTOM OF POLE & TOP OF FOUNDATION. TOP OF FOUNDATION OR SURFACE OF SIDEWALK MUST BE LEFT CLEAN AND SMOOTH.

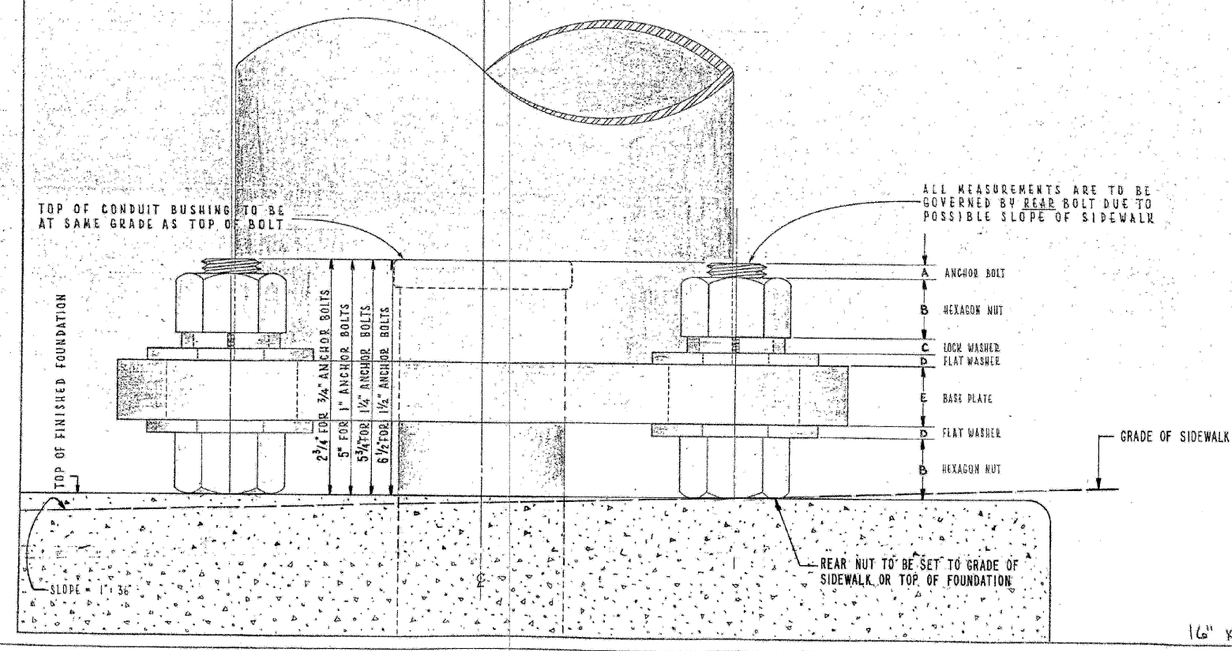
STEP 7 POLE OR PEDESTAL IS TO BE PERFECTLY PLUMB, NO "RAKE" IS TO BE LEFT.

IF NECESSARY:
ANCHOR BOLT TO BE TRIMMED WITH SAW. DO NOT BURN, AS THIS DRASTICALLY REDUCES THE TENSILE STRENGTH OF ANCHOR BOLT.

COAT ANCHOR BOLT WITH RUST-OLEUM HARD HAT ZINC RICH COMPOUND.

TABLE

UNIT	ANCHOR BOLT SIZE						
	1"		1 1/4"		1 1/2"		3/4"
	POLE GAUGES						ALUM. PED.
	7 GA.	3 GA.	7 GA.	3 GA.	7 GA.	3 GA.	
A	7/16"	7/16"	1 1/8"	1 5/16"	1 1/8"	7/8"	3/4"
B	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	3/4"
C	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	3/16"
D	5/32"	5/32"	1/4"	1/4"	1/4"	1/4"	5/32"
E	1"	1"	1 1/4"	1 1/2"	1 1/2"	1 3/4"	5/8"



CONSTRUCTION METHOD FOR "DOUBLE-NUT" INSTALLATION OF POLES AND PEDESTALS

CITY OF CHICAGO
DEPT. OF STREETS AND SANITATION
BUREAU OF ELECTRICITY
DIVISION OF ELECTRICAL ENGINEERING

DRAFTSMAN: EUGENE GEROLIS	CHIEF DRAFTSMAN: R.J.S.	ENGINEER: M.J.S.
SUPERVISING ENGINEER:	ELEC. DESIGN ENGR.	HWD. NO. 837
ENGINEER OF ELECTRICITY: Michael J. Shinn		
DEPT. SUPT. OF ELECTRICITY		
DEPUTY COMMISSIONER: Randall L. Greenwood		
SIZE: 22 | 30 |	SCALE: 1" = 1"	DATE: 6-7-85

ES-10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
111TH STREET OVER
F.A.I ROUTE 57 (INTERSTATE 57)

ELECTRICAL STANDARD DETAILS

SCALE: NONE
DRAWN BY: N/A
DATE: 01/16/09
CHECKED BY: N/A

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

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1-16-2009, 8:48:08
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