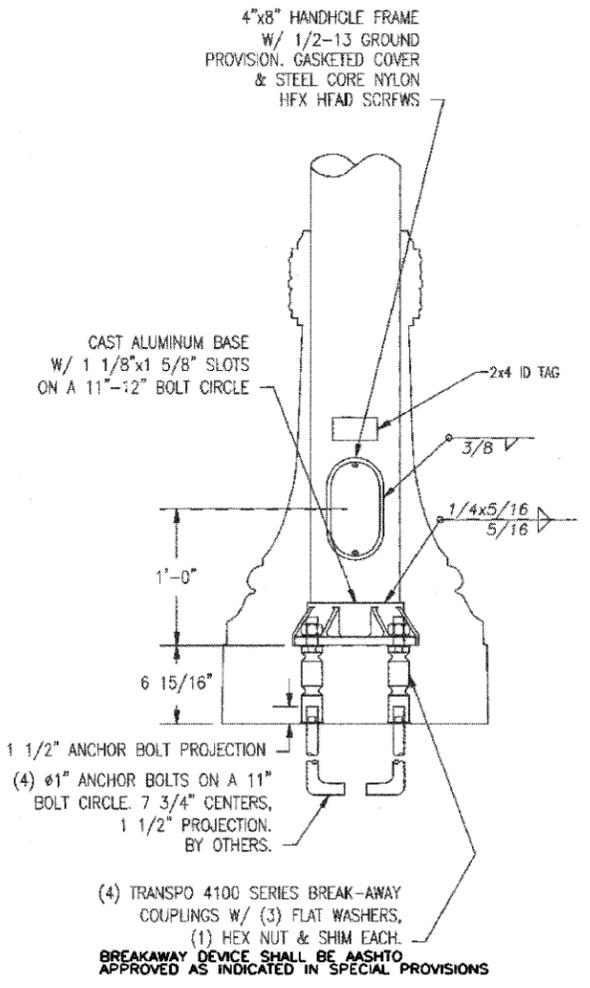
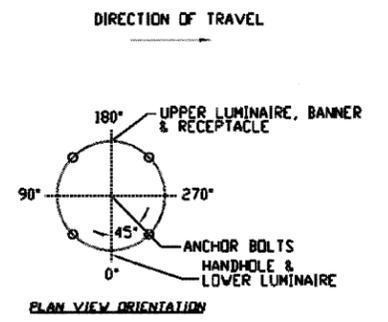
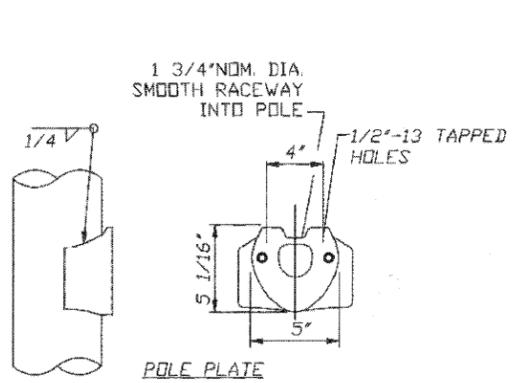
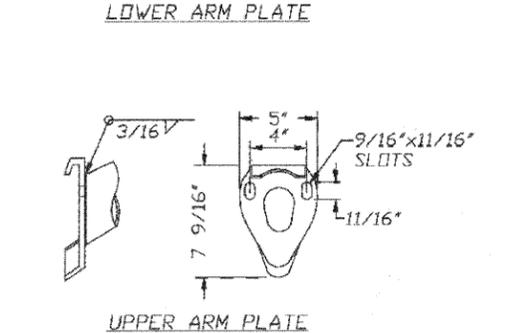
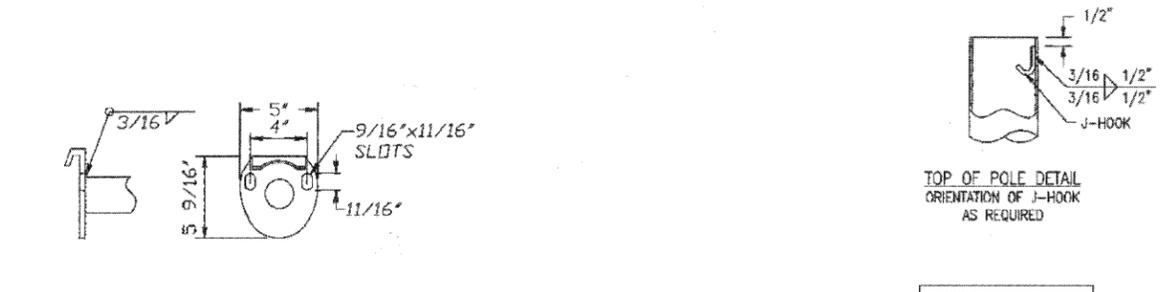


MATERIAL SPECIFICATIONS	
ALUM. POLE TUBE & BAR	ASTM B210, B221, B241 or B429 (6063-T6)
ALUM. PLATE	ASTM B209 (6061-T6)
CAST ALUMINUM PARTS	ASTM B108 (356-T6)
EXTRUSIONS	ASTM B308 (6061 or 6063-T6)
ANCHOR BOLTS	ASTM F1554 GR 35
ANCHOR BOLT NUTS	ASTM A563 GR A
FLAT WASHERS	ASTM F436
DECO. ALUM. BASE	ASTM B26 356F
POLE TOP	ASTM B26 (319F OR 356F)
ALUM. PIPE	ASTM B241 or B429 (6061-T6)
S.S. HARDWARE	AISI-300 SERIES (18-8)
STRUCTURE FINISH	POWDER COAT BLACK
HARDWARE FINISH	H.D. GALV TO ASTM A153

- DESIGN CRITERIA**
- DESIGNED IN ACCORDANCE WITH 2006 INTERIM TO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, 2001, FOR A 90 M.P.H. WIND ZONE. THE DESIGN PARAMETERS INCLUDE:
50 YEAR STRUCTURE DESIGN LIFE. ANCHOR BOLTS ANALYZED FOR STEEL STRENGTH ONLY. THE ANCHOR BOLT EMBEDMENT LENGTH SHALL BE VERIFIED BY THE FOUNDATION ENGINEER.
 - WELDED ASSEMBLIES HEAT TREATED TO T6 TEMPER
 - LIGHTING UNIT SHALL BE UNION METAL DESIGN NUMBER B99-190-B537-Y1 OR APPROVED EQUAL.



FILE NAME =	USER NAME = #USER#	DESIGNED - BL	REVISED -
#FILE#		DRAWN - RV	REVISED -
	PLOT SCALE = #SCALE#	CHECKED - SA	REVISED -
	PLOT DATE = #DATE#	DATE - 06-03-11	REVISED -

DESIGNED - BL	REVISED -
DRAWN - RV	REVISED -
CHECKED - SA	REVISED -
DATE - 06-03-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF PALOS HEIGHTS LIGHTING IMPROVEMENTS
LIGHTING DETAILS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	09-00046-00-LT	COOK	20	13
CONTRACT NO. 63518			ILLINOIS FED. AID PROJECT	

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LTC-12