



I. D. TAG TO BE MOUNTED ON THE TOP OF THE POLE AS INDICATED. USING 2 "GRIP-NAIL" FASTENERS.

 $\frac{\text{DETAIL}}{\text{I. D. TAG}} \stackrel{\underline{I}}{=}$

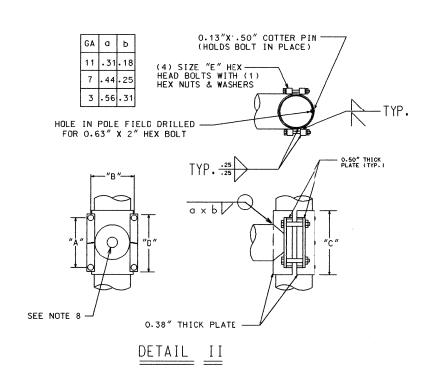
	SIGNAL	_ ARM AT	TACHMENT	DATA	
CLAMP RANGE	"A"	"B"	"C"	″D ″	"E"
7.45" - 7.95"	7.25"	9.92"	10.80"	10.32"	1.00" X 7.50"
8.45" - 8.95"	9.00"	10.66"	13.06"	12.50"	1.00" X 8.00"
9.95" - 10.45"	10.25"	12.66"	15.30"	13.50"	1.25" X 8.50"
		We would be to the total of the			

ARM DATA

(INCHES)	POLE END (INCHES)	SIGNAL END (INCHES)	LENGTH (FEET)	GAUGE	WEIGHT (POUNDS)	TEST LOAD (POUNDS)	MAX. DEFLECTIO
7.45-7.95	7.0	4.76	16	7	241	1700	6.5
7.45-7.95	7.0	4.20	20	7	274	1300	12.0
7.45-7.95	7.0	3.36	26	7	315	1000	24.0
8.45-8.95	8.0	3.80	30	7	409	1100	29.0
9.95-10.45	9.0	4.10	35	7	529	1200	36.0
9.95-10.45	9.0	3.40	40	7	559	1000	52.0
9.95-10.45	10.0	3.84	44	7		1200	57.0

NOTES:

- 1. TRAFFIC SIGNAL ARM SHAFT ASTM DESIGNATION:
 A595 GRADE C, 60,000 PSI MINIMUM YIELD STRENGH WITH A LINEAR TAPER
 -0.14"/FT.
- 2. TRAFFIC SIGNAL ARM END CAP SECURED IN PLACE WITH 3 SET SCREWS AND 1 THRU ARM END BOLT. (PLATED HARDWARE)
- 3. ALL THREADED FASTENERS TO BE GALVANIZED TO ASTM DESINATION: A153
- 4. ALL VEHICULAR AND/OR PEDESTRIAN SIGNAL LIGHTS AND NECESSARY HARDWARE FOR ATTACHMENT TO BE FIELD LOCATED AND FURNISHED BY OTHERS.
- 5. ALL ARM END CAPS AND ARM CLAMPS TO BE FULLY ASSEMBLED AND ATTACHED TO THE ARM PRIOR TO SHIPPING.
- 6. ARM ASSEMBLY TO BE DEGREASED; CLEANED; CHEMICALLY PRETREATED; GIVEN AN EXTERIOR THERMOSETTING POLYESTER POWDER COAT; AND AN INTERIOR THERMOPLASTIC HYDROCARBON RESIN POWDER COAT. ALL PAINTING TO BE IN ACCORDANCE WITH SPECIFICATION 1454, SECTION 8,
- 7. MAST ARM SHALL BE TESTED IN ACCORDANCE WITH SPECIFICATION 1454, SECTION 9 WITH TEST VALUES AS SHOWN ON THE "ARM DATA" TABLE.
- 8. HOLE IN CLAMP TO BE 4.0" (MIN.). HOLE TO BE GROUND SMOOTH AND DEBURRED TO PROVIDE A SMOOTH WIRE ENTRY FROM POLE TO MAST ARM.



ARM ATTACHMENT

SCALE: N.T.S.

STEE	REVI	DEC. 1991 IC SIGN	VAL
STEE	L TRAFF	IC SIGN	VAL
			VAL
MAS	T ARM-M	ONOTHER	
		UNUI UBE	
	CITY OF CH	ICAGO	
	DEPT. OF STREETS AND S BUREAU OF ELECTR	RICITY	
DRAFTSMAN:	CHIEF DRAFTSMAN	: ENGINEER:	
R. IVY	ROBERT CA		POOL

B 10-29-02 REFERENCES SPEC. 1454

ILE NAME = USER NAME = \$USER\$		DESIGNED -	KMM	REVISED -
c:\pw_work\dlz\ccooney\dms19784\63DETAII	DRAWN -	LV	REVISED -	
PLOT SCALE = \$SCALE\$		CHECKED -	JDH	REVISED -
	PLOT DATE = 3/27/2014	DATE -	03-31-2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

			mann ar vinancion	NO. 10.1 EL CO. 10.10 Decreembre					
	63RD	3RD STREET OVER DAN RYAN EXPRESSWAY							
	CDOT STANDARD DETAILS								
Т	CHEET	NO	ΛE		JEETS	CTA	TO STA		

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
94	1920-B	соок	142	48				
		CONTRACT	NO. 60	J15				
ILLINOIS FED. AID PROJECT								