12' - 0"

7' - 10"

3' - 11"

SEE DETAIL ' B '

2 3/8" O.D. SECTION

STRUT, 2 3/8" O.D. X .140 WALL
ELLIPSED TO 3" X 1 3/4"
6063-T6 AL. ALLOY - 2 REQUIRED

SEE DETAIL ' A '

5/8"-11NC-2 X 3 1/2" LONG HEX HEAD BOLT WITH HEX NUT, LOCKWASHER AND (2) FLATWASHERS. BOLT MATERIAL PER ASTM A193 GRADE B8 STAINLESS STEEL. HEX NUT AND WASHERS PER ASTM A194 STAINLESS STEEL. (4 BOLTS REQUIRED PER CLAMP)

6 1/32" I.D. CLAMP

2" DIA. HOLE IN CLAMP FACE

NOTE: POLE CLAMPS WITH HARDWARE TO BE FACTORY INSTALLED.

5' - 6"

TYP 1/4

ARM, UPPER & LOWER
5" O.D. X .125 WALL
6063-T6 AL. ALLOY

1 1/2"

5/16

5/16

10"

GUSSET #A-67381
3/8" THK. X 1 1/2" X 10" LONG
6061-T6 AL. ALLOY
(2 REQUIRED PER CLAMP)

DETAIL ' A '

30"

6 3/8" X 3" APPROX.
CROSS-SECTION

WIRE INLET - SEE DETAIL ' D '

NOTE:
1. - USE 4043 WELD WIRE.
2. - 6063 ASSEMBLY .375 WALL OR LESS TO BE HEAT-TREATED TO T6 TEMPER AFTER WELDING.

EXTRUDED ARM CLAMP #C-68482
6061-T6 AL. ALLOY - 2 REQUIRED

EXTRUDED POLE CLAMP #C-52149
6061-T6 AL. ALLOY -2 REQUIRED

UPPER ARM

1/4 6"

CONNECTOR EXTRUSION X 6" LONG
6061-T6 AL. ALLOY #A-24677-2

1/4 6"

LOWER ARM

DETAIL ' C '

3/8"

ARM CLAMP

6"

DRILL 1 1/2" DIA. HOLE
INSTALL 1 1/4" I.D.
RUBBER GROMMET

DETAIL ' D '

6" 2" 6"

CONNECTOR EXTRUSION
6061-T6 AL. ALLOY X 6" LONG
(SEE DETAIL ' C ')

1/4

END CAP, AL. ALLOY
2 REQUIRED

2 1/2"

2 3/8"

STAINLESS STEEL BUSHING

1/4

1 1/4" I.D. RUBBER GROMMET
DRILL 1 1/2" DIA. HOLE

SIGNAL STRAP #B-5B094
6061-T6 AL. ALLOY - DRILL FOR
5/8"-11NC-2 X 4 1/2" LONG HEX HEAD BOLT
WITH (2) HEX NUTS, (2) FLATWASHERS AND
LOCKWASHER. ALL HARDWARE STAINLESS
STEEL - PASSIVATED.

SAFETY CHAIN LUG
6061-T6 AL. ALLOY
#A-4925-1

2 1/2" 3"

8"

END CONSTRUCTION - DETAIL ' B '

AL.	DESCRIPTION	DATE	BY	CH

MATERIAL

STOCK SIZE

FINISH OR COATING

CUSTOMER
NEW JERSEY DEPT. OF TRANSPORTATION

P&K

P&K POLE PRODUCTS, INC.
84 Foundry St., Newark, N.J.

TITLE
12 FT. MAST ARM ASSEMBLY
MA1250560-10

DR. R.S.	06-27-78	DWG NO.
CH. J.G.P.	06-27-78	C-70619
APP.		
SCALE NONE		