

APPROVED

By Derek Lyman at 8:57 am, Feb 11, 2014



RD DELTECH
PLASTIC CAP

19'-0"
MINIMUM
HTG HT

"A"
LENGTH

780394-19"
SIGNAL MAST ARM

**FINISH - HOT DIP GALVANIZED PER ASTM A123
WITH TOP COAT PAINTED MILLERBERND FLAT BLACK
MILLERBERND #PT-1-17-FTU-093-FR**

NOTE:

1. MATERIAL-HIGH STRENGTH LOW ALLOY STEEL 55,000 PSI MIN YIELD PER ASTM A572 OR A510L POST AND MAST ARM MOUNTING PLATE MATERIAL PER ASTM A36
2. FINISH-
3. DESIGN CRITERIA-2009 AASHTO STANDARD FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. WIND LOAD 90 MPH FATIGUE CATEGORY 2, NATURAL WIND GUSTS, TRUCK GUST
4. POST AND MAST ARM TO BE ROUND TAPERED TUBE FABRICATED WITH ONE SUBMERGED ARC LONGITUDINAL SEAM WELD.
5. HEX HEAD BOLTS AND NUTS (UNLESS SPECIFIED) ASTM A325 GV A193 FOR SIZES 1/2 THRU 1 1/2 DIA AND ASTM A354BC GV A193 FOR SIZES OVER 1 1/2 DIA

730A224-11 4' LUMINAIRE
MAST ARM MOUNTED 315°
FROM SIGNAL MAST ARM

(3) 3/4-10NC X 1 3/4"
LG LG HK HB BOLT,
HK NUT & LOCK
WASHER (A325-GV)

590311-4 CAP, 1/4-20NC
X 2" LG SLTD RB HB
MACHINE SCREW & FLAT
WASHER (18-8 SS)

(4) 1 1/4-7NC X 4 1/2"
LG HVT HK HB BOLT,
HVT HK NUT & LOCK
WASHER (A325-DV)

500843 NIS (1X3)
H1 (180° FROM
SIGNAL MAST ARM)

7801308 SIGNAL POST
3/16 X 148 X 10.01 X 28'-6"

NIS (4 X 5 1/2) HAND
HOLE PER 500844 (90°
FROM SIGNAL MAST ARM)

(4) 1 3/4 DIA
ANCHOR BOLT ON 18"
OC

QTY	PILE NO	MAST ARM		MILLERBERND PART NUMBER
		"A" LG	"B" P/N	
1	MP2D	30'	P30C1	RE4HA-P30C1-190-J4-306/315-VT

PO#3250-2139 / VT DOT: STP.0284(17) RICHMOND / US ROUTE 2, VT ROUTE 117

US ROUTE 2,
OFF-RAMP (RAMP D)
MILLERBERND #51660

DWN: DOUG F.

DATE: 10-30-13

CHK: REBEKAH

SCALE: NTS

RE4HA-P-190-306-J315-VT

ROUND SIGNAL STANDARD

Millerbernd

MANUFACTURING CO.
WINSTED, MN

RE4HA-P-190-306-J315(VT)

REV 12-20-13 VAS: 11/20/13 TO 11/20/13 P-V
12/20/13 REV TO 11/20/13 FROM 11/20/13