Mast Arm Extension △
Mating Surfaces Shall Be Smooth And Free Of Burrs, Dents Or Lumps Of Zinc. △
1/2" UNC Hex Bolt (Coil) (A325)
(W/ Nut & 2 Washers)
(Length = Arm Size + 1"
5/8" Dia. Through Hole In Outside Shaft.
9/16" Dia. Field Drilled In Inside Shaft.
15" Length = Arm Size + 1"
3/4"
Mast Arm Slip Joint Detail

7" Dia. Hole (15 Thru 45 Ft. Mast Arms)
10" Dia. Hole (46 Thru 65 Ft. Mast Arms)

Pole Flange Plate Detail

3 1/8" Dia. Hole

6) 'H' DIA. HOLES

1/4" Thk. Backing Ring

1/8" x 1 1/2" Plate

1/4" x 1 1/2" Plate

Section F-F
Conductor Mtg. Bracket Detail

Typ. Mast Arm Tenon Detail

3/8-16 x 1 1/2"
Grounding Bolt W/2 Hex Nuts

5" x 12" Handhole △
(See Sh. 3 of 3 For Details)
Identification Tag Attached 6" Above Handhole (After Galvanizing)

Mast Arm Flange Plate Weld Detail

18" "N" Thk.
(See Chart)

BACK-UP PLATE
(1/4" x 1"
FLAT BAR)

Base Plate Detail

APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GH Date 5-25-2011

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STATE OF WASHINGTON
TYPE II TRAFFIC SIGNAL STRUCTURES

SHT. 2 OF 3

5 REVISED PER MARK UPS ER 8506 IF 5/22/2011
4 REVISED PER RETURNED MARKED-UP SUBMITTAL DRAWINGS
JHG 1/17/2011
3 CHANGED REVISION NUMBER TO MATCH
REVISION NUMBER ON SHT 1 OF 3
PER WASHINGTON D.O.T. REQUEST
JHG 5/17/2011
2 REVISED PER RETURNED MARKED-UP
SUBMITTAL DRAWINGS
JHG 9/17/2008
1 REVISED PER RETURNED MARKED-UP
SUBMITTAL DRAWINGS
JHG 9/22/2008

10-200-TSP-4 5

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