RAMP METER POLE MOUNT SIGNAL ASSEMBLY

WITH ENFORCEMENT INDICATION

NOTES:

1. SIGNAL POLE, MAST ARM AND LUMINAIRE EXTENSION ARE STATE FURNISHED ITEMS.
2. CENTER ALL SIGNAL HEADS IN MIDDLE OF LANES.
3. SEE STD DWG SL 2 FOR MAST ARM SIGNAL HEAD MOUNTING.
4. MOUNT ALL SIGNAL HEADS AT THE SAME ELEVATION FROM THE ROADWAY CROWN.
5. USE THE CURRENT EDITION OF AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR DESIGN OF ROADWAY ELEMENTS.
6. PLACE RAMP METER MAST ARM ASSEMBLY A MINIMUM OF 1.2 TIMES THE AASHTO CLEAR ZONE DISTANCE AWAY FROM THE TRAVELED WAY, OR SHIELD AS PER THE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE.
7. INSTALL UPPER THREE SECTION (12 INCH RED, YELLOW, AND GREEN) LED AND LOWER TWO OR THREE SECTION HEADS (8 INCH LEDS) AS SHOWN. USE A TWO SECTION LOWER HEAD FOR "1 VEHICLE PER GREEN EACH LANE" OUTPUT AND A THREE-SECTION LOWER HEAD FOR "2 VEHICLES PER GREEN EACH LANE" OUTPUT.
8. USE FOUR CONDUCTORS FOR EACH SIGNAL HEAD.
9. USE TYPE I SIGNAL HEAD ON RAMP METER MAST ARM (RED, YELLOW, AND GREEN).
10. USE LOWER SIGNAL HEAD IN ADDITION TO TOP HEAD ONLY ON SINGLE LANE RAMPS.
11. VERIFY NUMBER OF VEHICLES PER GREEN WITH TRAFFIC MANAGEMENT DIVISION.
12. PLACE POLE ON BREAKWAY BASE. LOCATE PER MUTCD.
13. USE LOWER SIGNAL HEAD AND R10-28 SIGN ONLY ON SINGLE LANE RAMPS.