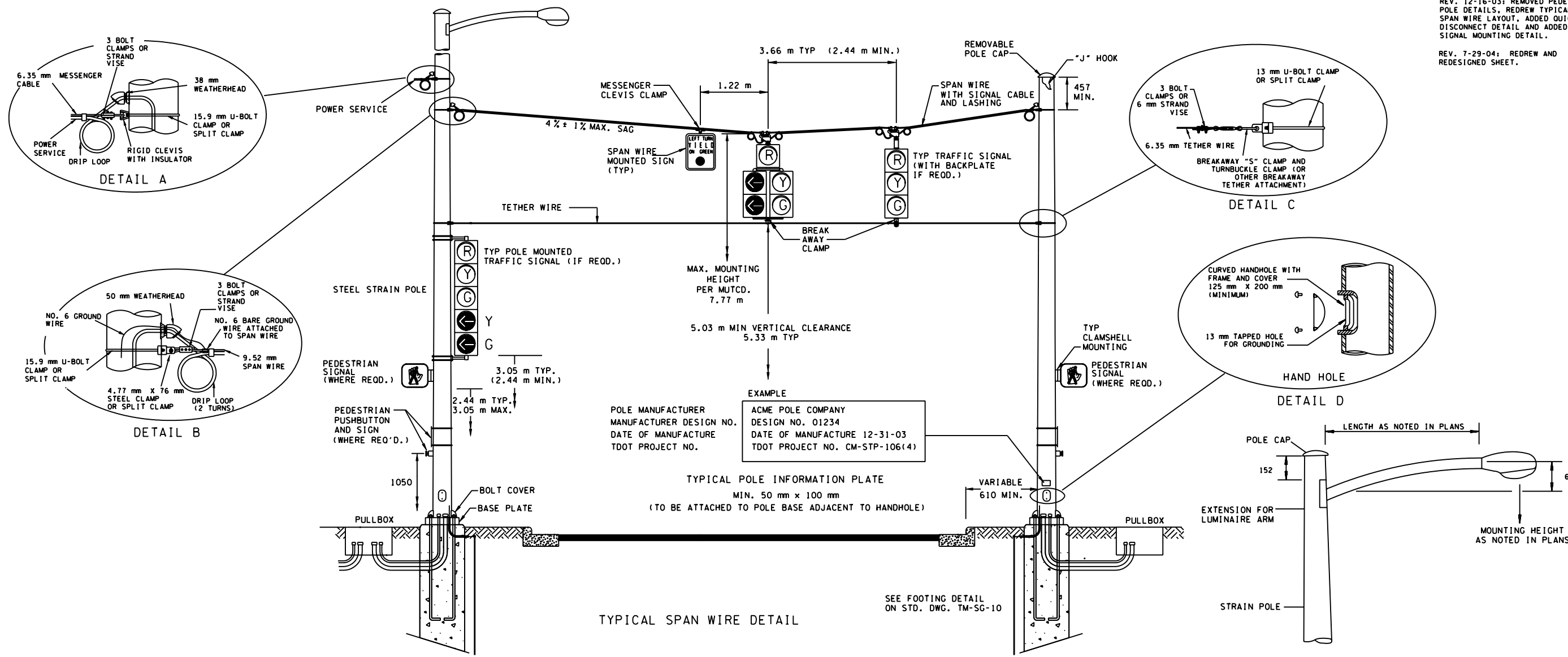
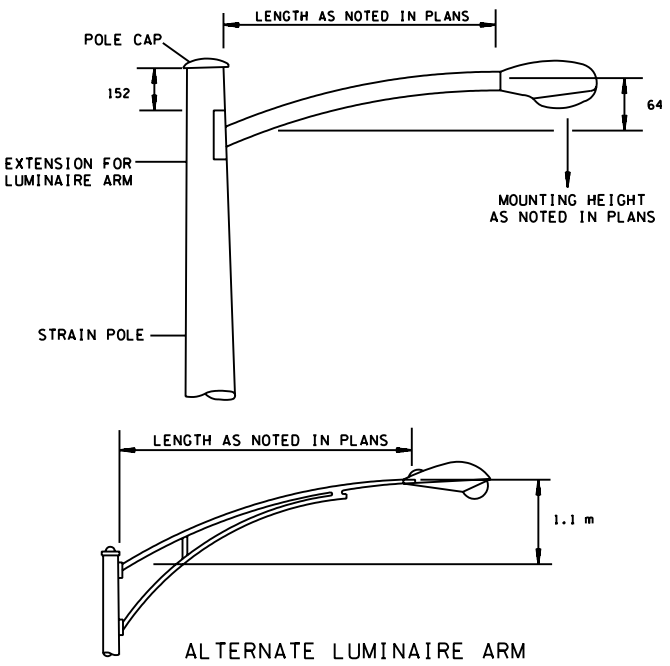
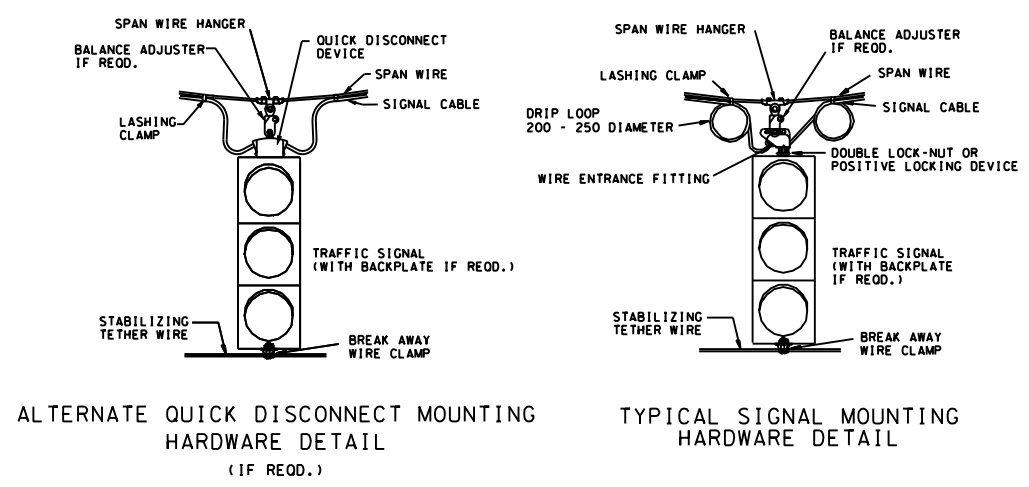


REV. 11-1-95: CHANGED TO METRIC
REV. 7-29-96: REDREW SHEET ON CADD AND MADE MINOR CHANGES.
REV. 12-16-03: REMOVED PEDESTAL POLE DETAILS, REDREW TYPICAL SPAN WIRE LAYOUT, ADDED QUICK DISCONNECT DETAIL AND ADDED SIGNAL MOUNTING DETAIL.
REV. 7-29-04: REDREW AND REDESIGNED SHEET.



- STRAIN POLE GENERAL NOTES
- (A) LOCATIONS OF SIGNAL POLES SHOWN ON PLANS ARE APPROXIMATE AND CAN BE ADJUSTED UP TO 1.5 m TO AVOID UTILITIES. ADJUSTMENTS GREATER THAN 1.5 m MUST BE REVIEWED AND APPROVED BY ENGINEER.
 - (B) ALL STRAIN POLES AT AN INTERSECTION SHALL BE SAME DIAMETER AND BOLT CIRCLE.
 - (C) TYPICAL AERIAL POWER SERVICE ENTRANCE IS THRU WEATHERHEAD AND DOWN POLE INTERNALLY. IF CABINET IS POLE MOUNTED, AS AN ALTERNATE POWER SERVICE CABLE MAY BE RUN DOWN OUTSIDE OF STEEL STRAIN POLE IN 25 mm RGS RISER. UNDERGROUND POWER SERVICE SHALL BE RUN THROUGH SEPARATE 25 mm RGS CONDUIT THROUGH POLE FOUNDATION (SEE STD. DWG. TM-SG-5).
 - (D) POWER SERVICE CABLE SHALL BE RUN ON SEPARATE MESSENGER CABLE (610 mm ABOVE SPAN WIRE WITH SIGNAL OR DETECTOR CABLES).
 - (E) ADDITIONAL WEATHER HEADS MAY BE INSTALLED FOR EASE OF CABLE ENTRANCE IF NECESSARY (TO BE FIELD DRILLED AND TAPPED).
 - (F) ENTRANCES FOR POLE MOUNTED SIGNAL HEADS SHALL BE FIELD DRILLED TO ENSURE PROPER PLACEMENT.
 - (G) SIGNALS TO BE MOUNTED WITH 5.33 m TYPICAL VERTICAL CLEARANCE (5.03 m MIN.). MAXIMUM MOUNTING HEIGHT SHALL BE CHECKED PER MUTCD AND HEIGHT ADJUSTED IF NECESSARY.
 - (H) RED INDICATIONS TO BE APPROXIMATELY SAME HEIGHT. HANGER CONNECTOR EXTENDER OR TETHER EXTENDER MAY BE REQUIRED.
 - (J) PEDESTRIAN SIGNAL HEADS TO BE CLAMSHHELL MOUNTED UNLESS OTHERWISE SHOWN ON PLANS.
 - (K) SEE STD. DWG. TM-SG-4 FOR ADDITIONAL DETAILS.



DETAIL FOR LUMINAIRE EXTENSION AS REQUIRED BY PLANS



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STRAIN POLE
DETAILS
FOR SPAN MOUNTED
SIGNALS

11-1-95 TM-SG-8