GPS Antenna
3/4" Nipple
1 1/2" to 3/4"
Reducing Bushings
Cast Aluminum
Terminal Compartment
(See detail on
sheet 3 of 3)
Iron Cross (Typ)
Aluminum Cap (Typ)
Pole Foot 1 1/4" Hole
Offset
3 1/4" Schedule 80 PVC or Rigid Metal Conduit
(‡) see note
3/4" x 0.30" Min.
Stainless Steel Band
(3'-0" Spacing)
12' to grade
Grade level
Conduit
Continuous flexible non-metallic tubing (innerduct) to Controller Cabinet. Innerduct is not required if communication cable is 600V rated.
Foil Shielded 8/C #28 Cable to Controller Cabinet

Note: For projects maintained by the Wayne Co. Department of Public Services (WCDPS), use rigid metal for conduit(s) from grade level to 10' (min.) above grade or as directed by the Engineer.

GLOBAL POSITIONING SYSTEM (GPS) MODULE MOUNTED ON WOOD/CONCRETE POLE

MDOT
MICHIGAN DEPARTMENT OF TRANSPORTATION
PREPARED BY
TRAFFIC AND SAFETY
DRAWN BY: JJE
CHECKED BY:

ENGINEER OF DELIVERY
ENGINEER OF DEVELOPMENT
(FHWA APPROVAL DATE)

SIC-120-A
SHEET 1 of 3

BUREAU OF HIGHWAYS DELIVERY STANDARD PLAN FOR
GLOBAL POSITIONING SYSTEM (GPS) MODULE

Rev. 02/16/17
GLOBAL POSITIONING SYSTEM (GPS) MODULE MOUNTED ON STEEL POLE
CAST ALUMINUM COMPARTMENT DETAIL

NOTE: All hardware is stainless steel