

SIGNAL HEAD, LED, I-FACE, 300 mm TO 600 mm (12 in TO 24 in) DIRECTIONAL ANTENNA TO BE MOUNTED ON GALVANIZED STEAL CONDUIT OR AS DIRECTED BY THE ENGINEER 100 mm × 150 mm (4 ft × 6 ft) WOOD SIGN SUPPORT GALVANIZED STEEL CONDUIT (SIZE AS REQUIRED). FOUR (4) EVENLY SPACED CONDUIT CLAMPS SHALL BE USED TO ATTACH CONDUIT TO POST. 900 mm x 900 mm (3 ft x 3 ft) SIGN, WIO SUPPLEMENTAL STREET SIGN, "MAIN STREET" POLE MOUNTED EQUIPMENT CABINET, TYPE C CABLE GUARD-0.3 M (1 ft) 90" 5/8 in (16 mm) GROUND -ROD CLAMP TYP. 610 mm (24 in) MIN $\frac{5}{8}$ in (16 mm) d x 10 ft (3 M)-LONG COPPER CLAD GROUND (5 ROD. PLACE IN UNDISTURBED ≥ EARTH IF POSSIBLE. GROUND ROD IS INCLUDED IN THE COST OF HRI SIGN.

MOUNTING DETAIL

RELAY CONTACTS AND COILS (OPTIONAL) CONTACT MAPPING RF RECEIVER 12-24 VDC POWER SUPPLY

HIGH CURRENT

-POST CLAMP

HARDWARE (TYP)

CONDUIT CLAMPS

12-24 VDC POWER FOR RF TRANSCEIVER PAIR TO FLASHING BEACON HRI SIGN SCHEMATIC

HIGH CURRENT CONTACT

TYPE C CABINET

-I20 VAC

OR AS SPECIFIED

WOOD SIGN

DISTANCE AS REQUIRED BY MANUFACTURER

-CONTACT CLOSURE

POLE MOUNTED EQUIPMENT CABINET,

OVER-VOLTAGE

PROTECTOR

-FROM ANTENNA

POST CLAMP — HARDWARE (TYP)

SCALE DATE 12/20/04

DRAWN BY DHI CHECKED BY JEZ

NOTES:

I. ALL ITEMS (EXCEPT POLE MOUNTED EQUIPMENT CABINET, TYPE C AND CONDUIT) TO BE STATE-FURNISHED. ALL ITEMS SHOWN TO BE INSTALLED UNDER THIS CONTRACT.

WHEN IN PLACE THE GROUNDING SYSTEM SHALL BE TESTED IN ACCORDANCE WIT THE IDOT

SPECIFICATIONS.