Vehicle Detection Assembly to Include the Following:

- Remote Traffic Microwave Sensor (RTMS) and Attachments
- 2 - All Associated Cables Necessary for the Connections to Produce a Fully Functional Device
- 3 - Cabinet

Vehicle Detection Assembly to Include the Following:

- Lightning Rod Arrestor
- Stainless Steel Strap to Attach the RTMS Assembly
- Aluminum Transformer Base, per HL-10.13 (Including Ground Rod)
- Foundation, per SCD HL-20.11
- Work Pad per C&MS 633.11
- Grounded to Ground Rod
- Lightning Rod Arrestor
- and No. 6 AWG Ground Wire
- RTMS Cable(s), Cabinet Enclosure (See Note 6)
- 2" Blind Coupling (NOT TO SCALE)
- Weatherhead (2" or as Required) (See Detail "A")
- Weatherhead (2" or as Required) (See Detail "A")
- Stainless Steel Strap to Attach the RTMS Assembly

NOTES:

1. Mount RTMS so that the detector is on the roadway side of pole.
2. Support hooks should be appropriately sized for the number and size of conductors to be supported.
3. Run all wiring inside the pole and provide strain relief support for all control cables.
4. When installing the RTMS, maintain minimum clearances on roadways.
5. When installing the mounting brackets for RTMS, align and angle the detectors to cover the detection zone(s) as indicated and specified, per manufacturer recommendations.
6. Height of the cabinet shall be at a level to allow easy maintenance access while standing or 30" to the bottom of the cabinet. All conduit entrances into the cabinet shall be from the bottom side of the cabinet only.

Cabinet shall include:
- Aluminum enclosure
- Minimum dimensions: 24" x 24" x 12" (H x W x D)
- Corbin #2 keyed latch-type lock
- Needed power supplies and RTMS surge suppressor for serial, ethernet, and contact closure pairs.