Vehicle Detector Assembly to Include the Following:

1. Vehicle Detector and Attachments
2. All Associated Cables Necessary for the Connections to Produce a Fully Functional Device
3. Cabinet

Vehicle Detector Assembly to Include the Following Features:

- 45° Pole
- Nipple
- Coupling
- Continuous Weld
- Nipple
- Insulated Chase 10" Long
- Channel Bracket
- Aluminum Transformer Base, per HL-10.13 (Including Ground Rod)
- Foundation, per SCD HL-20.11
- Work Pad per C&MS 633.11 and No. 6 AWG Ground Wire
- Vehicle Detector Cable(s), Cabinet Enclosure (See Note 6)
- 2" Blind Coupling

Vehicle Detector (See Note J)

NOTES:

1. Mount Vehicle Detector on the roadway side of pole.
2. Support hitches 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 Vehicle Detector, maintain minimum clearances on roadways.
5. When installing the mounting brackets for the Vehicle Detector, align and angle the detectors to cover the detection zones(s) as indicated and specified, per manufacturer recommendations.
6. Weight 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 powersupplies and Vehicle Detector surge suppressor for serial, ethernet, and contact closure pairs.

When installing the Vehicle Detector, maintain minimum clearances on roadways.

When installing the Vehicle Detector, support for all control cables.

Run all wiring inside the pole and provide strain relief support for all control cables.

Support hitches should be appropriately sized for the number and size of conductors to be supported.

Vehicle Detector Assembly to Include the Following:

1. Vehicle Detector and Attachments
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