



TYPICAL DETECTOR INSTALLATION
— CYLINDRICAL TYPE —

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PLAN SYMBOL
SECTION AA

NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.
2. Place sensor head in vertical position and route connecting cable in the saw cut.
3. Multiple cables may be routed in the same saw cut.
4. Use fine aggregate, as per Standard Specifications. This shall be packed over and around the sensor head(s).
5. Each set of magnetometer detectors shall be transversely centered in the traveled lane unless otherwise specified.
6. See T.S. 7-1 "Section A-A", and Detail "A" for conduit and conductor installation in pavement.
7. Sawcuts and sensor head holes shall be sealed with an approved sealant as required in the specifications for loop detector sawcut sealants.
8. Each sensor shall have a separate lead-in cable.

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| DESIGN APPROVED <i>Charlie Brown</i> 7/24/85 | STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS | REV. |
| APPROVED FOR DISTRIBUTION <i>[Signature]</i> | MAGNETOMETER DETECTOR | DRAWING NO. T.S. 7-2 |