**NOTES**

For modular expansion joint seals, see special provisions.

The steel plates shall conform to AASHTO M270 Grade 36 or approved equal and be painted in accordance with the standard specifications for highway construction. Use of preassembled modules containing metal backing is encouraged. The metal backing shall be painted in accordance with the standard specifications for highway construction.

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The wire strut shall be attached to the concrete insert with a bolted attachment. The concrete insert shall conform to AASHTO M169, Grade 12L14 and shall have a tensile working load capacity of 3000 lbs.

No separate payment will be made for furnishing and installing the steel plates. The price costs of 3000 lbs. shall be included in the lump sum price for modular expansion joint seals.

END VIEW

End View (Normal to Sidewalk)

- Concrete recess dimensions:
  - 0.6" for the side of the joint having the 0.5" cover plate with a 0.5" backing plate.
  - 0.6" for the side of the joint having only the 0.5" cover plate.

**COVER PLATE DETAILS**

- Sketch showing limits of modular expansion joint seal-sidewalk

- Type I - Plan View

- Type II - Plan View

PROJECT NO. ___________ COUNTY

STATION: ___________ STATE OF NORTH CAROLINA

RALEIGH

DEPARTMENT OF TRANSPORTATION

STANDARD MODULAR EXPANSION JOINT SEAL DETAILS FOR SIDEWALK

COVER PLATE DETAILS

**SKETCH SHOWING LIMITS OF MODULAR EXPANSION JOINT SEAL-SIDEWALK**

CONCRETE INSERT

Each metal plate at the joint seal shall conform to AASHTO M270 Grade 36 or approved equal and be painted in accordance with the standard specifications for highway construction. Use of preassembled modules containing metal backing is encouraged. The metal backing shall be painted in accordance with the standard specifications for highway construction.