SCOPE
This procedure describes the methods used to evaluate detectable warning units (§726-01 and §726-02) for acceptance on the Department’s Approved List.

GENERAL
- Manufacturer must certify, through independent test data, that the submitted detectable warning units meet the material requirements as outlined in the Standard Specifications.
- Only standard recognized ASTM tests for bond strength adhesion, as required for Item §726-01, shall be submitted.
- Field Testing Requirements- Detectable warning units submitted for Approved List testing must undergo an in place trial for a minimum of one winter (November-March). For evaluation, a minimum of two, maximum of ten samples will be installed. After evaluation period, the product must perform as intended when installed. Field evaluation will not be required for manufacturers of Precast Concrete Pavers (§704-13), who appear on the Department’s Approved List or for current New York State Department of Transportation Approved Precast facilities submitting preformed detectable warning units.
- Detectable warnings must contrast light-on-dark or dark-on-light a minimum of 70% compared to the adjacent materials.

SUBMITTALS
In addition to the standard Approved List submittal requirements, Manufacturer must submit the following to the Materials Bureau, at least 30 days prior to the proposed installation:

- A minimum 300 mm x 300 mm sample of the detectable warning unit.
- Any additional hardware required for installation
- Preparation requirements.
- A list of equipment required for installation.

APPROVAL
Basis of acceptance will be determined on submitted certified test data, dimensions meeting the requirements of NYS Standard Sheet M608-5R2, and satisfactory field trial testing.