

- Approval from the District Construction Engineer will be based upon appropriate traffic conditions and context sensitive design principles.
 - Paver units thermoplastic patterned inlays, asphalt texturing and coloring products shall be installed in accordance with VDOT and American's with Disability Act (ADA) design requirements.
 - Cost for paver units or asphalt texturing included in a VDOT construction project will be incurred by VDOT at the normal project participation rate. Cost for such installations on existing roadways or roadways outside VDOT's system will be incurred by the entity requesting the installation.
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MAINTENANCE

- VDOT will be responsible for the repair and maintenance of damaged paver units meeting VDOT's design requirements that are located within the right of way on VDOT maintained roadways. Exceptions would include project specific arrangements that are made with a locality to assume maintenance for such work. In these cases, VDOT will be responsible for ordinary roadway maintenance such as snow removal, but will not be responsible for paver units or other treatments that are damaged by this or other ordinary maintenance processes.
 - Cities shall be responsible for the repair and maintenance of paver units, thermoplastic patterned inlays, asphalt-textured and colored surfaces within the City Corporate Limits, once a project is accepted by the City. Applications of thermoplastic patterned inlays, asphalt-textured and colored surfaces outside the City Corporate Limits shall be maintained by the Local Governing Body.
 - Boring is required for the installation of utilities under paver units, thermoplastic patterned inlays, asphalt, textured and colored surfaces on crosswalks (trenching is not allowed) by utility companies. Utility companies shall be required to repair or replace damaged paver units, thermoplastic patterned inlays, asphalt textured and colored surfaces, in accordance with VDOT requirements.
 - District personnel (usually the Residency Administrator or their representative) will provide copies of and/or discuss these guidelines with requesting localities.
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DESIGN GUIDELINES

- VDOT's sidewalk/crosswalk design details using paver units intends to comply with ADA requirements by attempting to prevent any incidental settlement to occur that would cause a change in elevation between paver units of more than ¼" (6 mm).

- If a roadway with crosswalk paver units is to be overlaid, the existing roadway pavement must be milled to the crosswalk grade. Where asphalt texturing and coloring has been used, the locality shall be responsible for re-texturing and re-coloring the asphalt to match the original pattern and color.
- Asphalt texturing and coloring is not recommended when traffic volumes exceed 5,000 ADT.
- Thermoplastic patterned inlay products are designed for high traffic volume areas receiving little or no maintenance. However, their use should be considered on a case-by-case basis.

PAYMENT

- Pay Items for paver work or other special textural treatments will fall under the “Non-Standard” category and descriptions may vary depending on the specific work to be performed. The following are some suggested Unit Descriptions that may cover a variety of applications.
 - Clay Brick Paver Units S.Y. (m²)
 - Vehicular Clay Brick Paver Units S.Y. (m²)
 - Concrete Brick Paver Units S.Y. (m²)
 - Textured and Colored Asphalt S.Y. (m²)
 - Thermoplastic Patterned Inlay S.Y. (m²)
- Sidewalks, for example, should be set up under Item Code 13245 as NS Sidewalk Items. Crosswalks or similar roadway applications should be set up under Item Code 15309 as NS Pavement Items. Specifications for various paver units, thermoplastic patterned inlays, asphalt texturing and coloring products/applications may be obtained from the Central Office Landscape Architecture Section (804-371-6737).

DETAIL SHEETS

- Insertable sheets A-97 (Imperial) and MA-97 (Metric) for Solid Paving Units (Sidewalk and Crosswalk) are now void. Projects specifying concrete or clay brick pavers for sidewalks or crosswalks will require a special design detail. Please contact the Location & Design Landscape Architecture Section with questions concerning paver units and their applications.