

**Vermont Agency of Transportation  
Examples of Road and Sidewalk  
Construction Specifications**

**Stratton Permit Handbook  
Addendum 5**

**Addendum 5**

# **Vermont Agency of Transportation**

## **Examples of**

### **Road and Sidewalk Construction Specifications**

The “*Town of Stratton Policy for Transportation Construction and Improvements*” includes references to Vermont Agency of Transportation details. Below are examples of these details. The following descriptions are on the VTrans road specifications sheets as of January 2003. They may be changed from time to time.

**SHEET DESCRIPTION**

- A-21 Gravel Surface – Rural Highway Typical Section (Town Highway, Class 3). Shoulder, ditch, cut, fill and guard rail details.
- A-22 Rural Highway Typical Section 1 – 1 ½” bituminous pavement and 15 – 18” gravel sub-base, gravel or paved shoulders. (Town Highway, Class 3). Shoulder, ditch, cut, fill and guard rail details.
- A-23 Volume Rural Highway Typical Sections Normal, banked, rock cut and guard rail for 1 – 1 ½” bituminous pavement and 18” gravel sub-base. Shoulder, ditch, cut, fill and guard rail details.
- A-24 Rural Highway Typical Section 1 ½” – 3” pavement, 18” – 24” sub-base. Shoulder, ditch, cut, fill and guard rail details.
- A-25 Rural Highway Typical Section 1 ½” – 3” pavement, 3” – 6” plant mixed base course, 24” sub-base. Paved shoulders. Shoulder, ditch, cut, fill and guard rail details.
- A-26 Rural Highway Typical Section 1 ½” – 3” pavement, 3” – 6” plant mixed base course, 24” sub-base. Paved shoulders. Shoulder, ditch, cut, fill and guard rail details.

**SHEET DESCRIPTION**

- A-76 Standards for Town and Development Roads Road section standards for various roads and intersections, road sections for sidewalks and intersections. Minimum standards for drainage, grades, side slopes, paving, side slopes, shoulder widths and utility line locations.
- B-11 Methods of Slope Stabilization Use of underdrains with shattered rock subgrade.
- B-71 Standards for Residential and Commercial Drives Distances from drives to intersections, drive profiles, turning lanes, minimum sight distances for various speeds.
- B-71A Rural and Urban Residential Driveway Profiles and intersections details, corner sight distances and minimum distances between drives and/or intersections.
- D-2 Cement Rubble Masonry Headwalls and Retaining Wall Rip rap light type slope headwalls, reinforced concrete headwalls, underdrain & carrier pipe construction details.
- D-3 Treated Gutters Gutter and curb drains. Details of placing erosion matting.

In addition to the requirements in the “*Town of Stratton Policy for Transportation Construction and Improvements*” the Planning Commission may require the standards contained in the following current or updated Vermont Transportation standard sheets, showing standards for curbs, sidewalks, and sidewalk ramps, drop inlets and culverts, road crossing sleeves, underground utilities and temporary erosion controls.

SHEET DESCRIPTION

- C-1 Granite and other Curb Details Slope granite, vertical granite, concrete and treated timber curbs.
- C-2,2M Portland Cement Sidewalks, Drive entrances with Curbs. Precast and cast in 2B, 2BM place concrete, vertical granite curbs.
- C-3 Sidewalk Ramps Various approaches, allowable slopes, grades, drop-off, joints and drainage.
- D-16 Precast Concrete Drop Inlet With Cast Grate Concrete pipe end section, energy dissipater for culvert.
- D-20,D Highway Crossing Sleeves for Underground Utilities.  
20M
- J-5 Dry rubble tree Wells Bracing of trees, picnic tables, wire rodent guard
- D-22,D Sanitary Sewer Systems Sewer connection, manhole, manhole frame and cover  
22M and other details.
- T-1 Temporary Erosion Control Details Silt fence, sediment dams, flexible slope drain, sedimentation pools, temporary berms and sections
- T-2 Temporary Erosion Control Details Hay sediment traps, protection at stream crossing, inlet protection and other erosion checks.

Dead End/Cul de Sac: The maximum length is 900 feet, turn around radius 80 feet, the minimum inside radius at curb or shoulder 40 feet, and the maximum slope is 3% from one side of turn around to other. Hammerhead or “T” turnarounds may be permitted with positive letters from the Selectboard and the Fire Department.