

Speed Humps

Spacing

- * First hump of any segment should be installed within 200 ft of a stop sign or curve
- * Use a single hump on a short block/street segment (300-500 ft)
- * Use two humps on a typical block/street segment (500-1,000 ft)
- * For very long blocks/segments (1,000-1,500 ft) use three or more humps
- * For lengthy segments, space interior humps 260-500 ft apart; at least one hump should be placed in each block of the segment

Size and Dimensions

- * Dimensions vary based on construction, materials and roadway dimensions, 12 or 14 feet long x 3 inches tall x 22 feet across the roadway
- * No truck limitations due to the normal widths of the lanes
- * Can be parabolic in shape or constructed with optional 2 ft wide plateau
- * For drainage purposes there should be a 12 inch taper and a 12-18 inch gap until the edge of pavement or edge of gutter pan

Location

- * Cannot be installed on streets with significant downgrades (8% +)
- * Should not be installed on horizontal curves with less than a 300 ft centerline radius
- * Should not be installed within 250 ft of a signalized intersection or within 20 ft of the closest perpendicular intersection of residential minor streets and should be placed at least 100 ft from the closest perpendicular intersection of residential major streets
- * A minimum clearance of 5 ft is recommended from driveway or catch basin
- * Visibility can be improved by locating the humps near the existing street lighting
- * Installed at a right angle to the centerline tangent of the roadway
- * Should not be installed over or contain manholes, water valves, ect* or to be within 30-feet of fire hydrants

Base Materials

- * Portland cement concrete (precast sections or cast in place)
- * Asphalt
- * Rubber

Decorative Options

- * Colored and stamped asphalt
- * Brick pavers
- * Specialty treated concrete

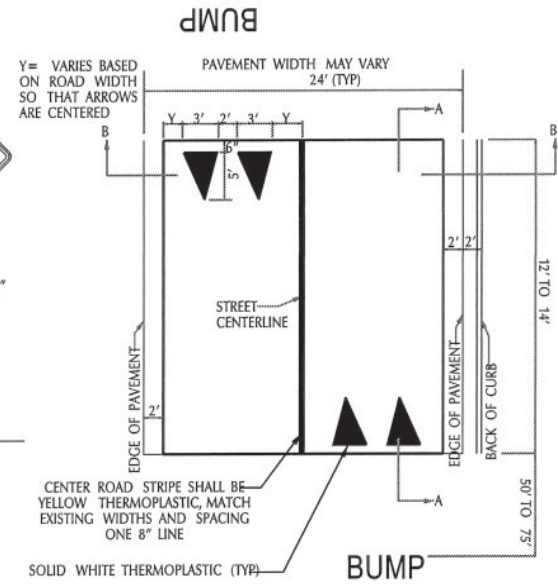
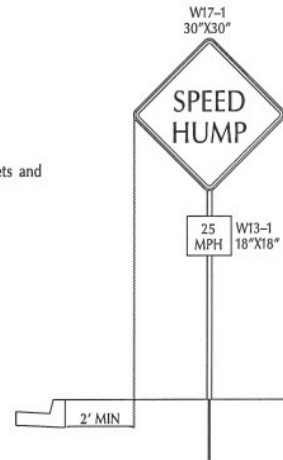
Traffic Control Devices

- * MUTCD approved signs are to be used 150 ft (25 MPH) or 175 (30 MPH) prior to the beginning of a series of humps or as necessary
- * W17-1 Speed Hump or W18-1 Bump sign may be used
- * Before the speed hump a pavement marking of *BUMP* may installed
- * Two white triangles may be used as pavement markings on the humps as explained in the MUTCD
- * Pavement markings on the speed humps can be zigzag, shark's tooth, chevron, or zebra
- * Black or black with yellow reflective tape or black with white reflective tape may be used on humps

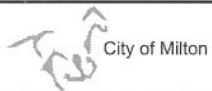
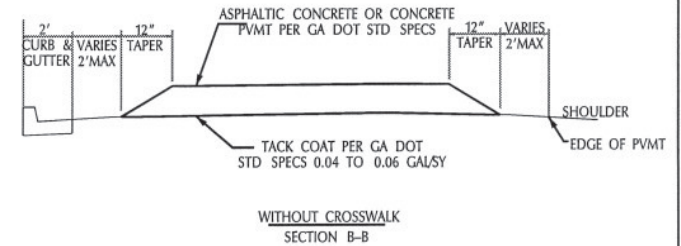
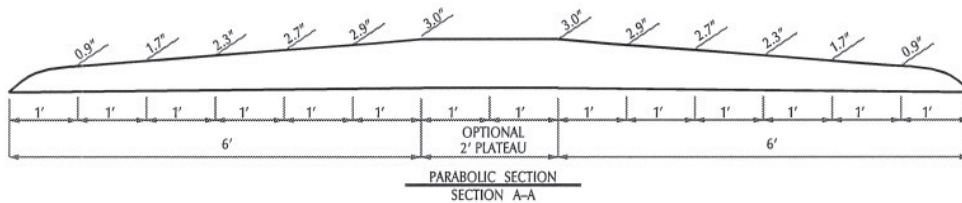
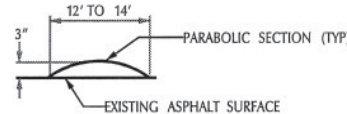
Estimated Costs for base materials (can vary based on roadway width, location, grade, options, etc.)

- * \$2,000

SIGN (SEE NOTES) T



SIGN (SEE NOTES) L



DETAILS PREPARED BY **street SMARTS**

SPEED HUMP NOT TO SCALE

STANDARD TRAFFIC CALMING DETAILS
SPEED HUMP

DEC 7, 2009

DRAWING No. TC-2