

ROOSEVELT TOWNSHIP

Road Standard Policy **For the Establishment of New Roads and/or** **Complete Reconstruction of Roads within the Township**

The following specifications shall be the general minimum specifications for the Town's acceptance of and establishment of new Town Roads, subject to the Board of Supervisors' waiver and modification of the specifications, as they deem fit and desirable on specific roads:

1. Minimum clearing – Sixty-six (66) feet (four rods) wide. All trees and brush removed for construction shall be disposed of in accordance with applicable State and Local Statutes and Ordinances. They may not be buried in the road right of way.
2. Minimum road right of way width – Sixty-six (66) feet (four rods), minimum driving surface of 24 feet, with the balance as a right-of-way for the in slope, ditch and back slope, divided approximately equally on each side. Slopes to be a 4:1. A ditch minimum of 3 feet in width and 2 feet in depth.
3. Ditches and culverts (minimum 15 inch diameter Corrugated Metal Pipes (CMP)) install for proper drainage at the discretion of the road Supervisor (over-seer).
4. Roadway alignment shall meet a minimum 30 mph design (both vertically and horizontally alignments shall be coordinated) and centered within the right-of-way. Centerline shall not exceed 15% in grade or be constructed flatter than 0.5%. Sharp curves shall not result at the crest or the foot of a steep grade.
5. Driveways shall be level with the town road or sloped slightly down and away from the town road. 15-inch CMP Entrance culverts shall be installed for each lot.
6. Prior to constructing an embankment over a low wet area, a geotextile construction fabric shall be laid on the in-place unfrozen ground to provide support for the embankment and minimize the potential for failure of the fill.
 - A. Fabric designed for embankment support shall be composed of strong, rot proof synthetic material with stabilizers added to make the fabric resistant to ultraviolet or heat exposure, shall be dimensionally stable so that the fibers maintain their relative positions to each other, and shall be free from defects or flaws that affect its physical properties.
 - B. During all periods of shipment and storage, the fabric shall be protected from direct sunlight, ultraviolet rays, high temperature, mud, dust and debris.
 - C. During construction, no fabric shall be exposed to the sun for a period in excess of 30 days without being covered by the appropriate protective soil layer.
7. Topsoil shall be salvaged from graded areas and replaced on berm, slope and ditch surfaces when completed at a depth of 4 inches. These areas shall be seeded, mulched and disc anchored.
8. The top one-foot of subgrade shall be native granular soil, compacted by suitable equipment to MnDOT 2105 for quality compaction.

9. Gravel surfacing shall be MnDOT spec 3138-A1 for Class 5 and shall be four inches thick compacted volume.
10. Cul-de-sacs or turnarounds shall have surface radiuses of 50 feet. The right-of-way shall have a radius of 66 feet.
11. Road contractors shall have a scheduled field review with the Township Representative of the completed subgrade. This review shall take place prior to graveling and a second review shall take place after graveling. The Contractor shall notify the Township Representative 48 hours prior to any paving operations. Paving shall be in accordance with MnDOT standards and no less than 2-inch thickness and no less than 22 foot in width for the road and 50 foot radius for the cul-de-sac. Final review shall take place prior to Township considering acceptance.
12. Centerline grade will be .2 percent.
13. Any curb recommended by the engineer and bituminous surface shall be constructed by the Developer.
14. Where steep slope section is used, provisions shall be made for erosion at end of wide bituminous with a bituminous flume and sod or other approved means i.e. bale checks, rock checks or other accepted practice for controlling erosion and sediment.
15. MnDOT specifications shall govern: refer to "Standard Specifications for Construction" 2005 or subsequent editions.
16. Right-of-way shall be surveyed and staked with appropriate signage as determined by the Town to preserve the identity of the right-of-way limits. Surveyed legal description of right-of-way to be provided by the Developer.
17. The Developer will pay for any damage to existing Township roads.
18. No new roads will be considered for acceptance by the Township unless they meet the above specs at a minimum and are paved as required. These costs are the responsibility of the developer.
19. All erosion and sediment control best management practices shall be implemented to meet the requirements of the general permit authorized to discharge storm water associated with construction activities under the National Pollution Discharge Elimination System (NPDES) and Minnesota Pollution Control (MPCA) Storm Water Pollution Prevention Plan (SWPPP).
20. Roadway signage shall be required as directed by the Town Board.

Adopted this 4th day of February, 2008

ERIC THIELBAR
Eric Thielbar, Chair

VIRGINIA HILL
Virginia Hill, Clerk