



To: Zachary Johnson, City Engineer
From: Steve Ferraro, Public Works Coordinator
Date: January 23, 2024
Re: 2024 City of Lakeville Specification Book Update

Updates to the Specifications include:

Section 4 – Street Construction for Public Use to be Maintained by the City

1. 7.00. Plant Mixed Bituminous Pavement (MnDOT 2360)

MnDOT Type SP 12.5 SPNWB330C for base and binder courses along local residential streets and MnDOT TYPE SP 9.5 SPWEA340C shall be used for wear courses along local residential streets.

2. 7.02 Compactions

Compaction shall be by the Specified Density Method for base and binder courses and by the Ordinary Compaction Method for wear courses. Bituminous core testing restoration shall be made by placing HMA (hot mix asphalt) and compact by means of a Marshall Hammer and restore surface within 24 hours of coring. Cold patch asphalt will not be allowed.

3. Modified LV-ST-8 (typical street sections) to reflect bituminous mix changes and section thickness changes for both Residential and Collector Streets.

Section 8: Standard Detail Plates

1. Revised LV-STM-9A: All underdrain street crossings shall have 50LF mainline draintile installed up-gradient on both sides of the road.
2. Revised LV-ST-8: Street section modifications for both Residential and Collector roadways. Residential will be comprised of 1.5" SPWEA340C over 2.5" SPNWB330C over 8" Class 5 Aggregate Base over Select Granular based on subgrade "R" value. Collectors will be comprised of 2.0" SPWEA340C over 2.5" SPNWB330C over 8" Class 5 Aggregate Base over Select Granular based on subgrade "R" value.



3. Revised LV-ST-15: Added a note that all ped ramp truncated domes shall be epoxy coated red in color as approved by the Engineer.

Section 13: Materials Testing Requirements

1. Bituminous Tests
 - A. Revised the core diameter to be 4 inch diameter cores.