

THE CITY OF NEW SMYRNA BEACH - PUBLIC WORKS

CONSIDER THE APPROVAL FOR THE STREET RESURFACING SCHEDULE FOR FISCAL YEAR 26 AND THE FIVE-YEAR RESURFACING PLAN UTILIZING THE CURRENT CONTRACT WITH MASCI GENERAL CONTRACTOR, INC.

January 13, 2026

Background:

The Public Works Department has developed the next set of roadway segments recommended for resurfacing and prepared a five-year resurfacing plan. This plan is derived from the IMS Pavement Management Analysis completed in FY 2024 and is designed to maximize cost efficiency by grouping road segments in close proximity. Staff prioritized segments based on PCI scores, observed road conditions, and the need for striping, signage, and sidewalk improvements.

Five-Year Resurfacing Timeline (Color-Coded Map)

- 2026 – Blue
- 2027 – Green
- 2028 – Pink
- 2029 – Tan
- 2030 – Purple

Pavement Condition Assessment

IMS performed a citywide pavement condition evaluation using a laser-based system to collect detailed surface and structural data for each road segment. The primary measure used is the Pavement Condition Index (PCI), calculated using the following formula:

$$\text{PCI} = \text{Base PCI} + (33\% \text{ Roughness Index}) + (67\% \text{ Surface Distress Index})$$

Lower PCI scores correspond to greater levels of deterioration in the pavement surface and underlying base.

Five-Year Resurfacing Program

Using PCI data, staff organized a five-year resurfacing schedule that focuses work geographically each year. This approach:

- Reduces mobilization and equipment relocation costs
- Allows for coordinated, area-wide improvements
- Includes resurfacing, pavement striping, sidewalk and concrete repairs, and signage upgrades
- Enables completion of a greater number of roadway segments annually

The recommended list of streets for the current year is attached. PCI values for these segments range from 27 to 78. The estimated cost for this year's resurfacing program—including striping—is \$2 million. Efficiency and cost savings are achieved by grouping roadways within approximately one-quarter mile of one another. If any segments prove unsuitable due to unforeseen conditions, or if remaining funds allow for additional roads to be included, staff will adjust the list using PCI rankings and operational priorities. Public Works and Engineering both concur with the recommended street segments, which will also be forwarded to the Utilities Commission for review.

Staff recommends utilizing the existing piggyback agreement with Volusia County Contract 22-SQ-151SR, held with Masci General Contractor, Inc. The contractor's scope includes mobilization, milling, resurfacing, and pavement marking. Relevant County bid documents are attached for reference.

Fiscal Analysis:

FY 24 - 302.30254101.546431.RSURF - \$2,000,000

Strategic Plan Item:

No

Staff Report Created By: David Ray - Director - Public Works

Attachments:

[Masci Fully Executed 2025.pdf](#)

[Masci, Contract Renewal](#)

[5 year plan.png](#)

[5 Year Resurfacing Plan.xlsx](#)