

TOWN OF PARADISE VALLEY

Pavement Management: Preserving The Town's Roadways



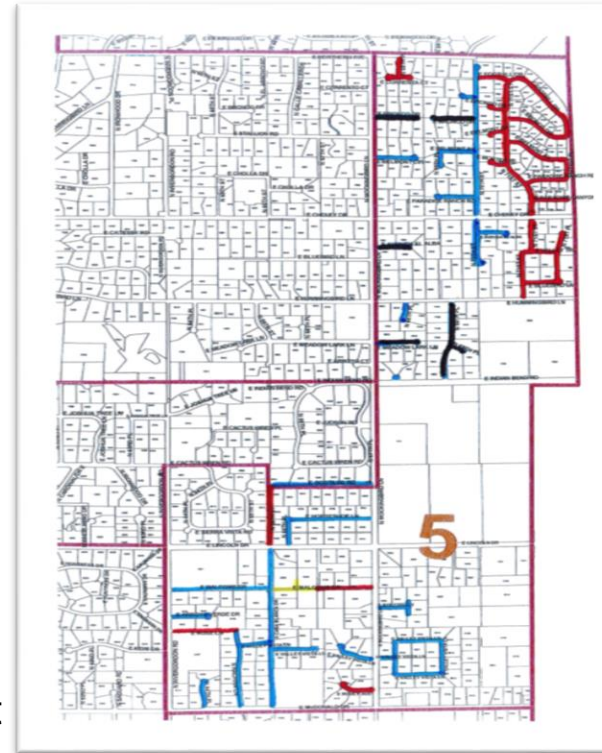
Purpose of Presentation

- ☐ Approval of Funds for Annual Pavement Preservation Project
- ☐ Maintenance Districts 5, 7, 8 & 13
- ☐ Program Schedule
- ☐ Project Cost Summary
- ☐ Questions



Maintenance District #5

- ❑ **Boundaries:** Northern Ave south to McDonald Dr and Invergordon Rd east to Scottsdale Rd
- ❑ **Maintenance District #5:** 5.4 linear miles of streets with an average Pavement Condition Index (PCI) rating of 64
- ❑ **Streets Removed from Project:** The streets in black are being pulled due to Phoenix Water Services main replacement project in the summer of 2020
- ❑ **Recommendation:** The streets in this district require a full mill and 1½ asphalt overlay

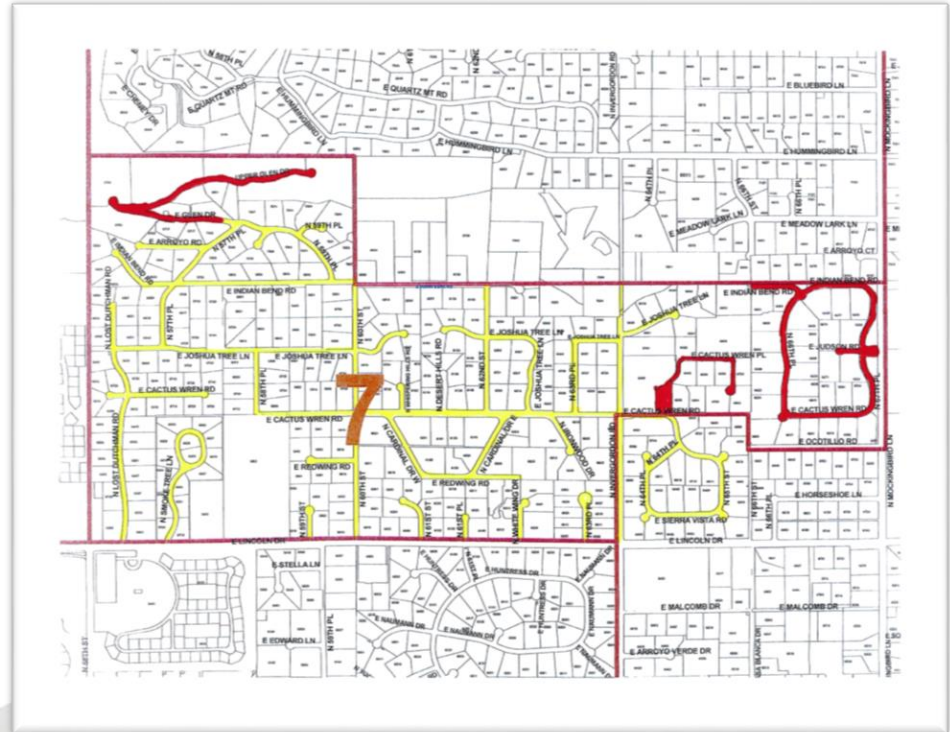


- Streets Receiving a Mill & Overlay
- Private Roads the Town Does Not Maintain
- Streets Pulled From Project



Maintenance District #7

- ❑ **Boundaries:** Glen Dr south to Lincoln Dr and Lost Dutchman Rd east to Mockingbird Ln
- ❑ **Maintenance Districts #7:** 7.3 linear miles of streets with an average PCI of 72
- ❑ **Recommendation:** The streets in this district require crack seal and high density mineral bond (PMM) surface treatment



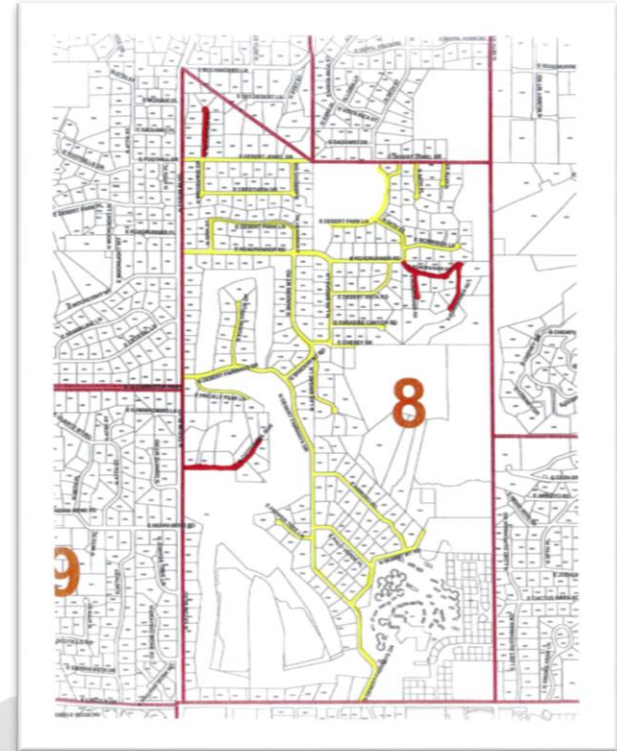
Crack Seal & Surface Seal



Streets the Town Does Not Maintain



Maintenance District #8

- ❑ **Boundaries:** Desert Jewel Dr south to Lincoln Dr and Tatum Blvd east to Desert Fairways Dr
- ❑ **Maintenance District #8:** 6.9 linear miles of streets with an average PCI rating of 74
- ❑ **Recommendation:** The streets in this district require crack seal and high density mineral bond (PMM) surface treatment

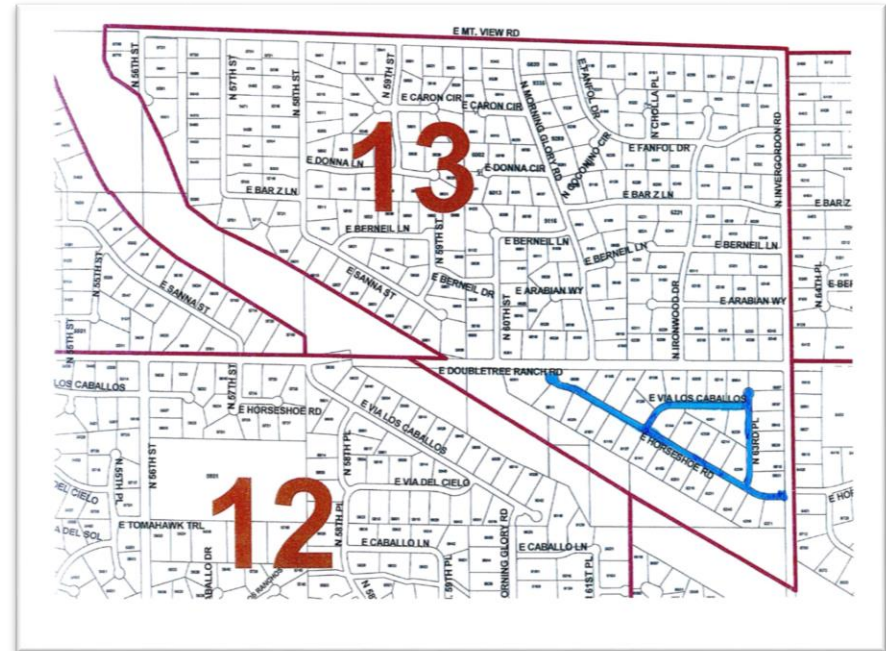


-  Streets Receiving Crack Seal & Surface Seal
-  Private Roads the Town Does Not Maintain



Maintenance District #13

- ❑ **Maintenance District #13:** In this district Horseshoe Rd, Via Los Caballos and 83rd Pl have an average Pavement Condition Index (PCI) rating of 66
- ❑ **Recommendation:** These streets require a full mill and 1½ asphalt overlay



Streets Receiving Mill & Asphalt Overlay



Installing Conduit While Streets Are Exposed

- ☐ Identify possible conduit installations while streets are exposed during mill and overlay projects.
- ☐ Public Works met with the Information Technology Department to identify possible areas for conduit locations during the mill and overlay project. No locations were identified for conduit installations for this project.
- ☐ Public Works will continue to identify possible conduit installations locations in all future asphalt overlay projects.



FY19/20 Asphalt Overlay & Surface Seal Schedule

☐ Crack seal in Maintenance District 7 & 8:

- ☐ Begin February 2020
- ☐ Estimated completion April 2020

☐ Application of surface seal for Maintenance District 7 & 8:

- ☐ Begin April 2020
- ☐ Estimated completion May 2020

☐ Maintenance District 5:

- ☐ Begin mill and asphalt overlay in April 2020
- ☐ Estimated completion June 2020



FY19/20 Costs Summary

- ❑ Cost for Mill & Asphalt Overlay In Maintenance Districts 5 & 13: \$1,078,156.00
- ❑ Cost for Crack Seal & PMM In Maintenance Districts 7 & 8: \$521,371.00
- ❑ Total Combined Project Cost = \$1,599,527.00
- ❑ FY19/20 Pavement Management Budget = \$1,620,000.00



Questions?

