

# *Pleasant Grove City Road Plan*

*Calendar Year 2024*

Prepared by Public Works Staff



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## Executive Summary

A great investment has been made in the City's Street network. The purpose of this plan is to utilize the available funding for our roads to preserve this investment in a productive and fiscally responsible manner. All projects shown on this plan have been evaluated to consider utility needs, pavement life cycle, long term cost impacts, other regional/development projects, and available budget. It is intended that this plan will be updated each year concurrently with both the utility master planning and budgeting processes. The 3-5 year planning window will be evaluated and considered, however, when evaluating all the factors listed above, priorities and construction years may change.

## Pavement Management Program

In planning which road projects are to receive funding for improvements, the following are key factors:

- **Pavement Life Cycle:** All roadways deteriorate over time. With proper maintenance the usable life of a roadway can be extended significantly without the need for a full reconstruction. The best way to maintain a roadway is by using preventive maintenance to keep water from penetrating the asphalt, preventing UV damage, and providing a wearing course. If we can maintain our roads and prevent them from deteriorating, then life of the roadway can be prolonged without major expensive reconstruction. Currently, many roads are past their life cycle and must be completely reconstructed.
- **Pavement Condition Index (PCI):** A city wide street survey was performed by a 3<sup>rd</sup> party company called Streetlogix in 2019. This survey was performed using technology to video our streets and using an algorithm to determine the PCI. The PCI provides a snapshot in time of the health of the roadway. It is measured from 0-100. A brand new road would expect to receive a PCI of 100. Most roads are typically in the 50-75 range. With continual maintenance plans, the PCI can be maintained above 50 in many circumstances.
- **Utility Needs:** Utility installations and repairs are one of the principal culprits of accelerated pavement deterioration. By replacing or maintaining roadway features in conjunction with a utility project such as water, sewer, storm, or a third-party utility, we can maximize the use of City funds to improve our roadways. Also, by performing roadway work on roads that have major utility needs, we can be good



stewards of the available public funds. Patching roadways is not always economical in the long term but often necessary. All roads in the coordinated road plan will have leak detection performed on the water lines to ensure that there are not any current known problems. Roads that have major utility work on them will be a priority for the planned pavement projects. Ensuring that utility funds sufficiently cover the needs of utility replacement is equally important to roadway funding.

- **Collector Streets:** When selecting which road projects to fund, giving priority to collector roads with the highest traffic volumes ensures that the highest possible number of residents will benefit from the project. Coincidentally, busier roads are also the most expensive roadways to reconstruct, so maintaining them is crucial for the long-term budget.

Choosing the right repair at the right time is the best way to maximize use of public funds in roadway planning. We use geotechnical analysis, utility master planning, and engineering judgement to provide the greatest opportunity to determine the repair at a given point in time to maximize the longevity of a roadway with available budget.

## Pavement Preservation

Pavement preservation is how we can keep our good roads from falling apart and is the proven industry standard in being good financial stewards of public funds. Common preservation methods include:

- **Crack Sealing** is performed on an annual basis to prevent water from getting into the asphalt and causing structural breakdown. This also will slow the growth of the cracks in the asphalt. The crack seal only has a usable service life of a few years without a treatment over it.
- **Seal Coats and Slurry Seals** are primarily used as a surface sealant and protector. This is usually applied to new or local roads that are in great shape with only minor small cracks and typically adds about 3-5 years of service life.
- **Micro Surfacing** has all the benefits of slurry seals but also provides a wearing course. This can also help smooth out the roadway from minor imperfections. This is usually applied to new or collector roads and typically adds about 5 years of service life.
- **Scrub Seals and Chip Seals** fill in small to moderate cracks and provide a wearing course. This can also help smooth out the roadway from minor imperfections. This is usually applied to new or collector roads and typically adds about 5-10 years of service life.



- **Asphalt Mill and Overlay** removes the top portion of asphalt and replaces it with new asphalt. This is usually followed a year later with one of the above treatments to prolong the asphalt. This can only be done if the existing asphalt is in acceptable condition. This can be applied to either a local or collector road and typically adds about 10+ years of service life.

Selecting the correct pavement preservation method is unique to each section of roadway based on the current condition and budget. Sometimes multiple methods may be used to maximize public funds.

## Pavement Restoration

When the pavement section has failed to the point where preservation cannot be beneficial or cost effective, the asphalt and/or subgrade may need to be replaced. The extent of the replacement will be determined through a geotechnical investigation and/or engineering judgement. There are two primary methods of pavement restoration. Pavement *restoration* is significantly more costly than the *preservation* methods mentioned previously.



- **Remove all asphalt, supplement and shape road base, and pave:** This method will remove the asphalt, supplement the existing base with new base to establish a crown, and then places the new asphalt. This is usually followed a year later with one of the above pavement preservation treatments to prolong the asphalt life. This can be applied to either a local or collector road and typically adds about 15+ years of service life.
- **Remove the asphalt, road base, and subgrade and place new road base and asphalt:** This method removes the asphalt and materials below the asphalt usually between 12 and 24 inches. Granular Borrow subgrade may be needed, new road base is placed and compacted, and then the new asphalt is laid. This is the *most expensive roadway treatment* and almost always includes additional utility and sidewalk considerations that adds significant additional costs. Good practice dictates that a year or two later, to prolong the asphalt life, one of the preservation treatments listed above is applied. This can be applied to either a local or collector road and typically adds about 20+ years of service life.

## Concrete Work

Concrete curb and gutter with concrete sidewalk is essential to many of the roads within Pleasant Grove. Concrete curb and gutter provide a necessary transition between the asphalt and pedestrian path. It also conveys water to inlets so that water will not cause erosion or flooding. Concrete sidewalks provide a safe pedestrian access route along the roadways. Typically, the concrete will outlast the asphalt and pavement section. Sometimes, sections of concrete will need to be replaced when it no longer conveys water, has degraded, or has settled. When roadway projects are planned, the surrounding concrete will be evaluated by Public Works staff to determine if any repairs are needed.



## City Crew Maintenance

City crews are a key component to preserving the City roadways. The City crews perform a variety of tasks including street sweeping, storm drain maintenance, pothole repair, asphalt patches, snow plowing, and many others tasks to keep the City's roads in working order. Each street is swept multiple times a year. Roughly 480 tons of debris from Street Sweeping are hauled to the landfill annually. Keeping water off the roadways is essential for the longevity of the roadways. City crews clean, televise, and perform repairs to the storm drain system. Patching the water,



sewer, and PI utility trenches is done as needed after emergency repairs and other asphalt cuts. Throughout the year, City crews repair an average of 1100 potholes. During the winter, City crews work rigorous hours, including holidays, weekends, and early/late hours to snowplow roads. Keeping the roads cleared of snow not only helps drivers but helps preserve the pavement from freeze/thaw deterioration.

## Cost Assumptions

Each project has costs that are unique to the proposed scope of work. Below are some unit prices that were used in estimating project costs for the calendar year 2024 projects. In addition to the costs below, projects may include geotechnical investigation, survey, and engineering costs as applicable. All projects include a contingency budget to cover unknowns. These unit costs were assumed based on recent bids and communicating with contractors and industry experts. Please take note of the cost variability between preventative surface treatments and full restoration for a lineal foot of roadway at \$16 per foot and \$253 per foot respectively. For one mile, that is about \$85,000 versus \$1,336,000. Also note the unit prices do not include any sidewalk, landscaping, right-of-way, or utility work.

2024 Roadway Treatment Estimated Costs

Treatment	Per square foot	per linear feet at a 40 ft roadway width	per mile of roadway at 40 ft width
HA5	\$0.28	\$11.20	\$59,136.00
Bonded Matix	\$0.87	\$34.93	\$184,448.00
scrub seal (chipseal)	\$0.34	\$13.60	\$71,808.00
scrub seal (chipseal) then microsurface	\$0.68	\$27.20	\$143,616.00
Microsurface	\$0.34	\$13.60	\$71,808.00
Microsurface Complete (2023)	\$0.40	\$15.89	\$83,890.25
Chip seal	\$0.35	\$14.08	\$74,342.40
chip seal lightweight	\$0.39	\$15.40	\$81,312.00
1.5 mill	\$0.29	\$11.56	\$61,013.33
1.5" overlay	\$1.04	\$41.53	\$219,252.00
1.5" mill/overlay	\$1.33	\$53.08	\$280,265.33
1.5" overlay complete (900 W)	\$1.67	\$66.66	\$351,977.80
R&R 3" HMA	\$2.52	\$100.83	\$532,370.67
R&R 3" HMA complete (300 East)	\$6.32	\$252.95	\$1,335,581.79

## Funding Sources

Funding for roadway projects in Pleasant Grove primarily comes from the Class C road funds, Transportation Utility Fee, general fund, and bonds(loans). Within the document, staff has attempted to assign funding for roads to a given funding source. However, this can change with the fiscal year and scope of the project from year to year. Other funding, although rare, can be obtained through grants offered by government entities such as the Transportation Improvement Program (gas tax), County programs, State programs, and federal programs.

These other funding sources, if obtained, generally require a local match, sometimes up to half the project cost. The grants can be costly to apply for without any guaranteed funding. In some cases, conditions that come with the grants can create a situation where the grant funds are not beneficial to the City. Public Works staff are on the continual search for additional funding sources that will benefit the City.



## Calendar Year 2024 Projects

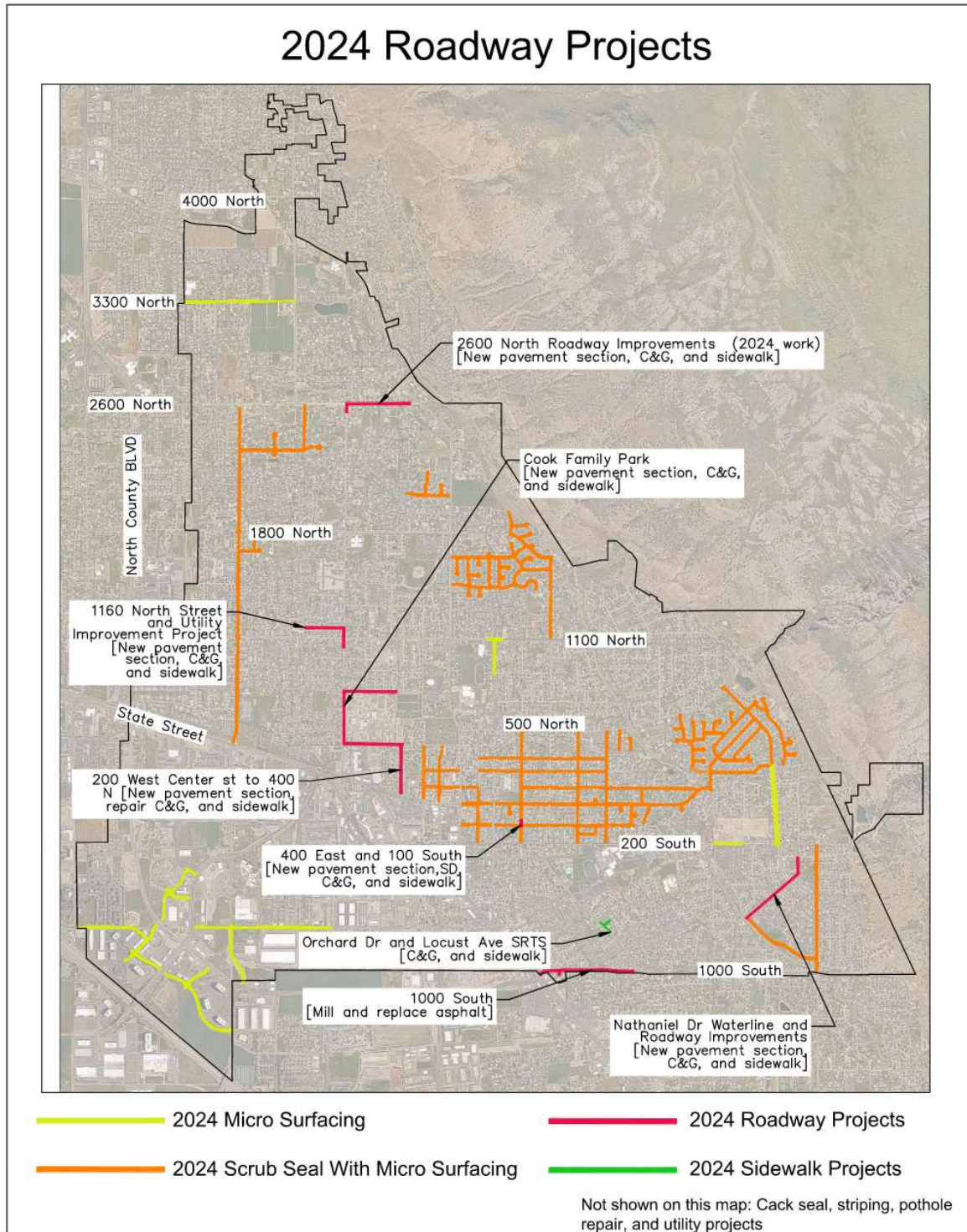
The table below shows projects that are scheduled to be completed or under construction in the 2024 Calendar Year.

Calander Year 2024 Roadway Projects									
Project Name	Reason for the Project and Proposed Scope	Treatment Type	City Fund			Other Funding		Total*	Engineer/Contract or
			Class C road Fund	Transportation Utility Fee	2021 Road Bond	Funding Source	Funds		
Annual Projects									
2024 HDMB	Preservation	Slurry Seal			\$75,000.00			\$75,000.00	In house/Holbrook Asphalt co.
Crack Sealing 2024	Preservation	Cack Seal			\$150,000.00			\$150,000.00	In house/Morgan Pavement Maintenance
Roadway Striping 2024	Update faded Striping		\$75,000.00					\$75,000.00	In house/All-star Striping LLC
Sidewalk and C&G	Spot C&G replacement		\$150,000.00					\$150,000.00	In house/TBD
ADA Ramps	Spot ADA Ramps as needed		\$75,000.00					\$75,000.00	In house/TBD
Trip Hazard Mitigation	Grind Trip hazards		\$25,000.00					\$25,000.00	In house/TBD
Annual Project Sub Total for 2024			\$325,000.00	\$0.00	\$225,000.00		\$0.00	\$550,000.00	
Projects									
2600 North Roadway Improvements	Finish the roadway improvements east of 600 W (See note 1)	New pavement Section	\$550,000.00			Transportation Improvement Program	\$7,028,538.00	\$7,578,538.00	RB&G Engineering/Staker Parson
2024 Pavement Preservation	Preservation	Scrub Seal with Micro Surfacing			\$4,500,000.00			\$4,500,000.00	In house/Geneva Rock Products
2024 Pavement Preservation Tree Trimming	Preparation for the 2024 Pavement Preservation project				\$50,000.00			\$50,000.00	In house/Rivendell Tree Experts
2024 Pavement Preservation Asphalt Preparation	Preparation for the 2024 Pavement Preservation project				\$550,000.00			\$550,000.00	In house/TBD
Nathaniel	Replace roadway Replace waterline	New pavement Section		\$1,000,000.00				\$1,000,000.00	Epic Engineering/TBD
1160 North	Replace failed Sewer Main Replace undersized waterline Replace Failed Roadway Remove SD from back yards Replace all concrete	New pavement Section				Sewer Fund	\$350,000.00	\$350,000.00	Epic Engineering/TBD
Orchard and locust intersection	Provide a safe route to school	Asphalt Patching only		\$450,000.00		UDOT SRTS	\$60,000.00	\$510,000.00	RB&G Engineering/TBD
400 East and 100 south intersection	Provide a safe route to school	New pavement Section		\$650,000.00				\$650,000.00	RB&G Engineering/TBD
400 North, 600 W, and 800 N around the Cook Family Park	Development of the Cook Family Park	New pavement Section				2023 Bond	\$1,500,000.00	\$1,500,000.00	Horrocks/Big D
200 West Center st to 400 N	Replace the Failed Roadway Replace undersized waterline Spot repairs on sidewalk and C&G	New pavement Section			\$900,000.00			\$900,000.00	Ridgeline Consultants/TBD
1000 South from State Street to Locust Ave	Pavement Maintenance	Edge mill and 2" overlay		\$200,000.00		Lindon portion	\$200,000.00	\$400,000.00	In house/TBD
Project Sub Total for 2024			\$550,000.00	\$2,300,000.00	\$6,000,000.00		\$9,138,538.00	\$10,410,000.00	
Total for 2024			\$875,000.00	\$2,300,000.00	\$6,225,000.00		\$9,138,538.00	\$10,960,000.00	see note 1

\* The above funds do not include funds for utility repairs such as storm drain, water, and sewer

Note 1 -This 2600 N project started in 2023 and the total project cost is not shown in the total for 2024

The Map below shows the projects that are proposed for the 2024 calendar year. Some of these projects are already under contract. The rest of these projects are in design and planned to bid this spring.



Here is a list of roadways that will have roadway improvements on them in year 2024 and the Horizon.

**Roadway projects that will be replacing the pavement section in year 2024:**

41. 2600 N from 600 W to 100 E
42. Nathaniel Dr from Murdock Dr to 1400 E
43. 1400 E from Nathaniel Dr to 300 S
44. Fort Ln from Nathaniel Dr to 126 E
45. 1160 N from 860 W to 600 W
46. 800 N from 600 W to 300 W
47. 600 W from 400 N to 800 N
48. 400 N from 600 W to 200 W
49. 200 W from center St to 400 N

**Mill and overlay roads in year 2024:**

50. 1000 S from State St to Locust Ave

**Sidewalk specific projects in year 2024:**

51. Orchard Dr and Locust Ave intersection
52. 400 E and 100 S Intersection

**Scrub Seal roads in year 2024:**

53. 860 W from 2310 N to 2600 N
54. 2310 N from 1300 W to 756 W
55. Field Circle from 2275 N to 2415 N
56. 1300 W from State St to 2600 N
57. 1670 N from 1300 W to 1150 W
58. 1200 W from 1670 N to 1800 N
59. Siena Dr from Crestwood to 100 E
60. 80 W from Siena Drive to 2166 N
61. Janice Cir from Siena Dr to 2098 N
62. 360 E from Murdock Drive to 1929 N
63. 1840 N from 360 E to 416 E
64. 1790 N from Murdock Dr to 448 E
65. Murdock Dr from 360 E to 500 E
66. 1640 N from 100 E to Murdock Dr
67. 150 E from 1548 N to 1640 N
68. 210 E from 1367 N to 1640 N
69. 260 E from 246 N to 1640 N
70. 1550 N from 210 E to 156 E

1. 260 E from 1428 N to 1500 N
2. 300 E from 1500 N to 317 N
3. 1500 N from 100 E to 450 E
4. 450 E from 1400 N to 1468 N
5. 340 E from 1500 N to 1640 N
6. 1590 N from 340 E to 378 E
7. 390 E from 1560 N to 1756 N
8. 1600 N from 390 E to 441 E
9. 370 E from 1500 N to 1560 N
10. 1560 N from 370 E to 500 E
11. 500 E from 1400 N to Murdock Dr
12. 500 E from 1100 N to 1364 N
13. 100 W from Center to 400 N
14. Main from Center to 400 N
15. 100 N from 100 W to 100 E
16. 200 N from 100 W to 100 E
17. 100 S from 100 E to 850 E
18. Center St from 100 E to 1050 E
19. 100 N from 100 E to 300 E
20. 100 N from 400 E to 1025 E
21. 200 N from 200 E to 850 E
22. 300 N from 200 E to 700 E
23. 200 E from 200 S to 100 N
24. 350 E from 64 S to Center St
25. 400 E from 200 S to 500 N
26. 600 E from 200 S to Center Street
27. 670 E from 150 S to 100 S
28. 700 E from 200 S to 500 N
29. 745 E from 350 N to 500 N
30. 760 E from 34 S to Center St
31. 800 E from 100 S to Center St
32. 800 E from 350 N to 443 N
33. 840 E from Center St to 100 N
34. 850 E form 100 S to Center St
35. Monson Cir from 23 S to Center St
36. 150 S from 600 E to 670 E
37. 100 S from 100 E to 850 E
38. Center Street from 100 E to 1050 E
39. 100 N from 100 E to 1050 E
40. 200 N from 100 E to 100 W

71. 200 N from 400 E to 700 E
72. 300 N from 200 E to 700 E
73. 950 E from 430 N to Grove Creek Dr
74. 960 E from Murdock Drive to 430 N
75. 990 E from 440 N to 572 N
76. 1030 E from 440 N to 567 N
77. Canyon View Ln from 490 N to 1099 N
78. Canyon View Dr from 353 E to Dalton Ave
79. Hillside Dr from Dalton Ave to Crystal View Dr
80. Canyon View Cir from Canyon View Dr to 642 N
81. 1180 E from 100 N to Dalton Ave
82. 1200 E from 300 N to Dalton Ave
83. 1260 E from 250 N to 300 N
84. Dalton Ave from 250 N to Grove Creek Dr
85. 1350 E from 250 N to 735 N
86. 1380 E from 370 N to 412 N
87. 510 N from 918 E to 950 E
88. 430 N from 9223 E to 960 E
89. 440 N from 960 E to 1030 E
90. 350 N from 960 E to 1047 E
91. 290 N from 960 E to 1049 E
92. 490 N from 1030 E to Canyon View Dr
93. 200 N from 1050 E to 1260 E
94. 300 N from 1180 E to 1260 E
95. 250 N from 1260 E to 1300 E
96. 330 N from 1350 E to 1370 E
97. 370 N from 1350 E to 1380 E
98. 400 N from 1300 E to 1350 E
99. Crystal View Dr from Hillside Dr to 1350 E
100. Homestead Cir
101. Murdock Drive from Nathaniel Dr to 1500 E
102. 1500 E from 200 South to 1000 South

**Micro Surfacing only roads in year 2024:**

103. 3300 N from 1600 W to 900 W
104. 300 E from 900 N to 1100 N
105. 1100 N from 275 E to 330 E
106. 1300 East from 200 S to 250 N
107. 200 South from Murdock Drive to 1210 E
108. Garden Grove Ln from Evermore Ln to Pleasant Grove BLVD
109. Evermore Ln from 2000 W to Pleasant Grove BLVD
110. 550 S from Evermore Ln to Pleasant Grove BLVD
111. Sam White Ln from 2400 W to Grove PKWY
112. Grove PKWY from 2174 W to North County BLVD
113. Granite Way from Grove PKWY to Pleasant Grove BLVD
114. Mountain View Ln from Valley Grove Way to North County BLVD
115. Valley Grove Way from Pleasant Grove BLVD to Proctor Ln
116. 700 South from Pleasant Grove Dr to 600 W
117. 1300 E from 700 South to North County BLVD

**High density mineral bond roads in year 2024:**

118. To be determined



**Roadway projects on the near horizon:**

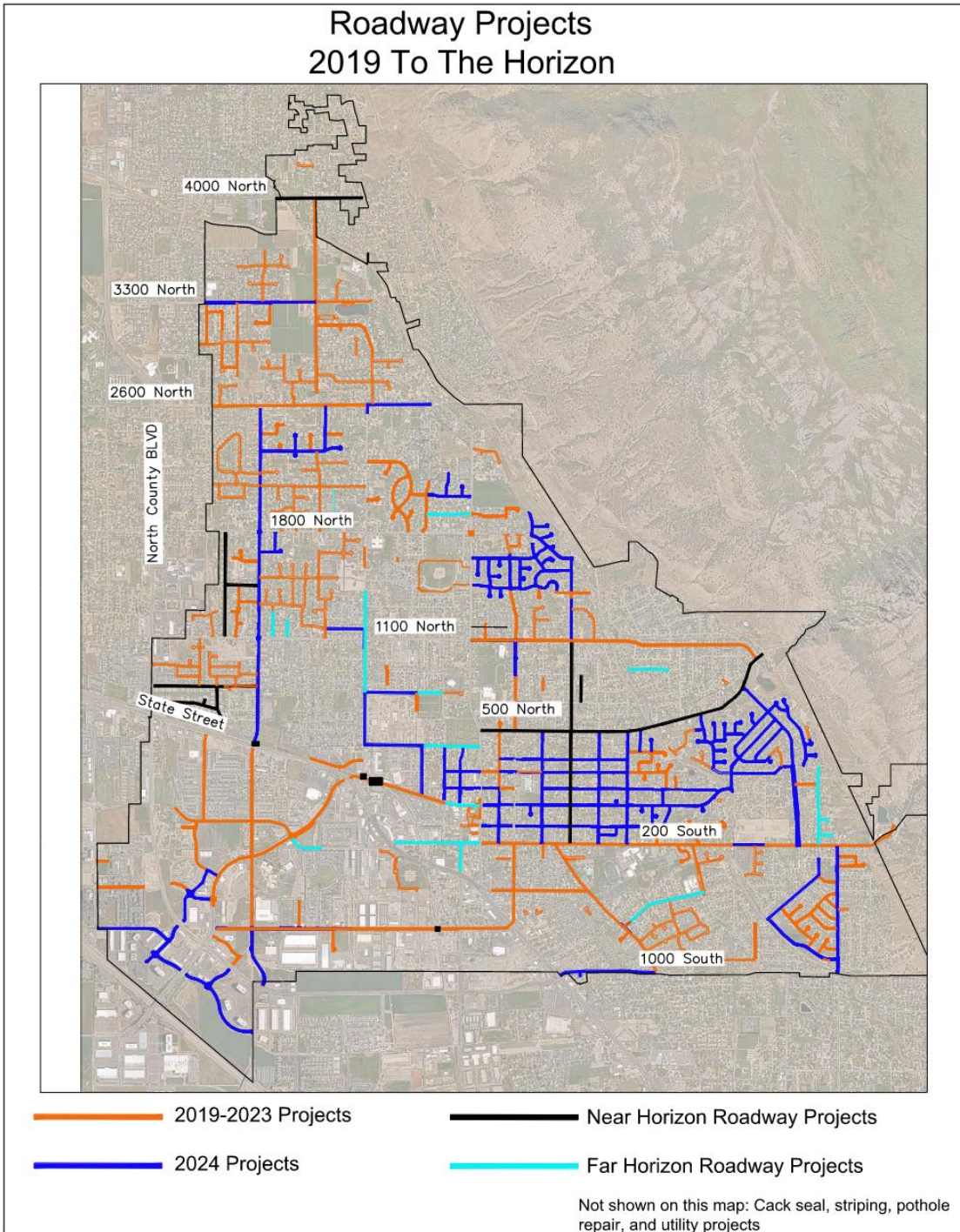
- 119. Grove Creek (500 N) from 100 E to Grove Creek Trail head
- 120. 700 N from 300 E to 400 E
- 121. 4000 N from Old Orchard Lane to N Canyon rd
- 122. 800 N from N. County BLVD to 1300 W
- 123. 680 N from N. County BLVD to 1570 W
- 124. 1440 N from 1520 W to 1300 W
- 125. 1520 W from 1100 N to 1800 N
- 126. 535 E from 500 N to 900 N
- 127. 500 E from 200 S to 1100 N
- 128. 1100 N from 100 E to 300 E
- 129. 1300 W RXR crossing Maintenance
- 130. 600 W RXR crossing Maintenance
- 131. Center W RXR crossing Maintenance
- 132. 700 S W RXR crossing Maintenance

**Roadway projects on the far horizon:**

- 133. 820 W from 1800 N to 2100 N
- 134. Windsong Dr from Crestwod BLVD to 100 E
- 135. 1200 W from 1100 N to 1250 N
- 136. 1120 W Cr from 1100 N to 1200 N
- 137. 600 W from 800 N to 1420 N
- 138. 800 N form 300 W to 100 W
- 139. 930 N from Murdock Dr to 800 N
- 140. 400 N from 200 W to 100 E
- 141. 200 S from N County BLVD to 840 W
- 142. Center St from 100 W to 100 E
- 143. 200 S from State Street to 100 E
- 144. Main St from State St to 200 S
- 145. Orchard Dr from Locust Ave to Loader Ave
- 146. 1400 E from 200 S to 250 N
- 147. Beagley Circle from 1400 E to 1480 E
- 148. 50 S from 1400 E to 1470 E

## Past, Present, and Future Projects

The map below shows projects from 2019 through projects on the Horizon. This map will not show future preservation projects as these are looked at on an annual basis based on budget and needs.

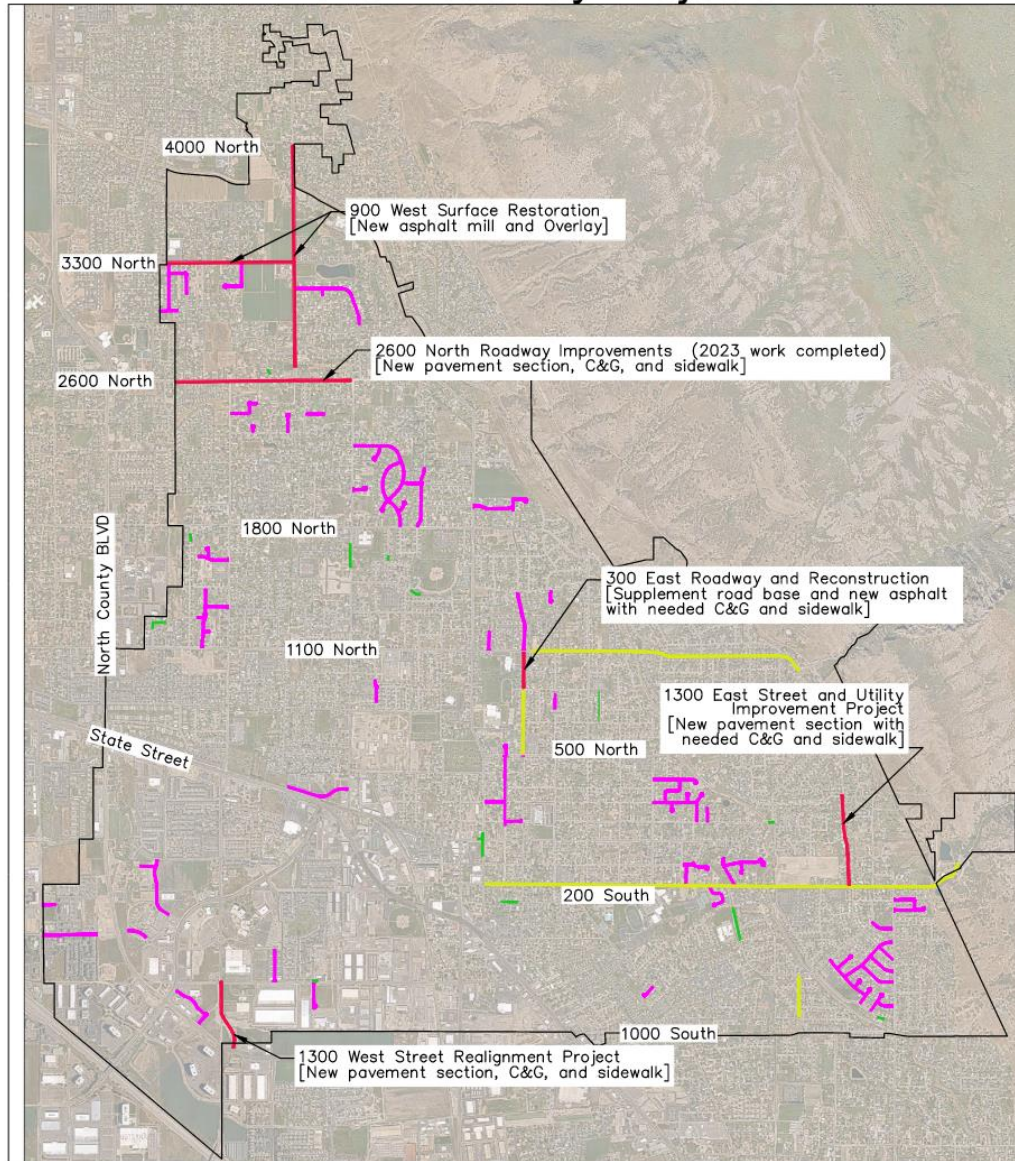








## 2023 Roadway Projects



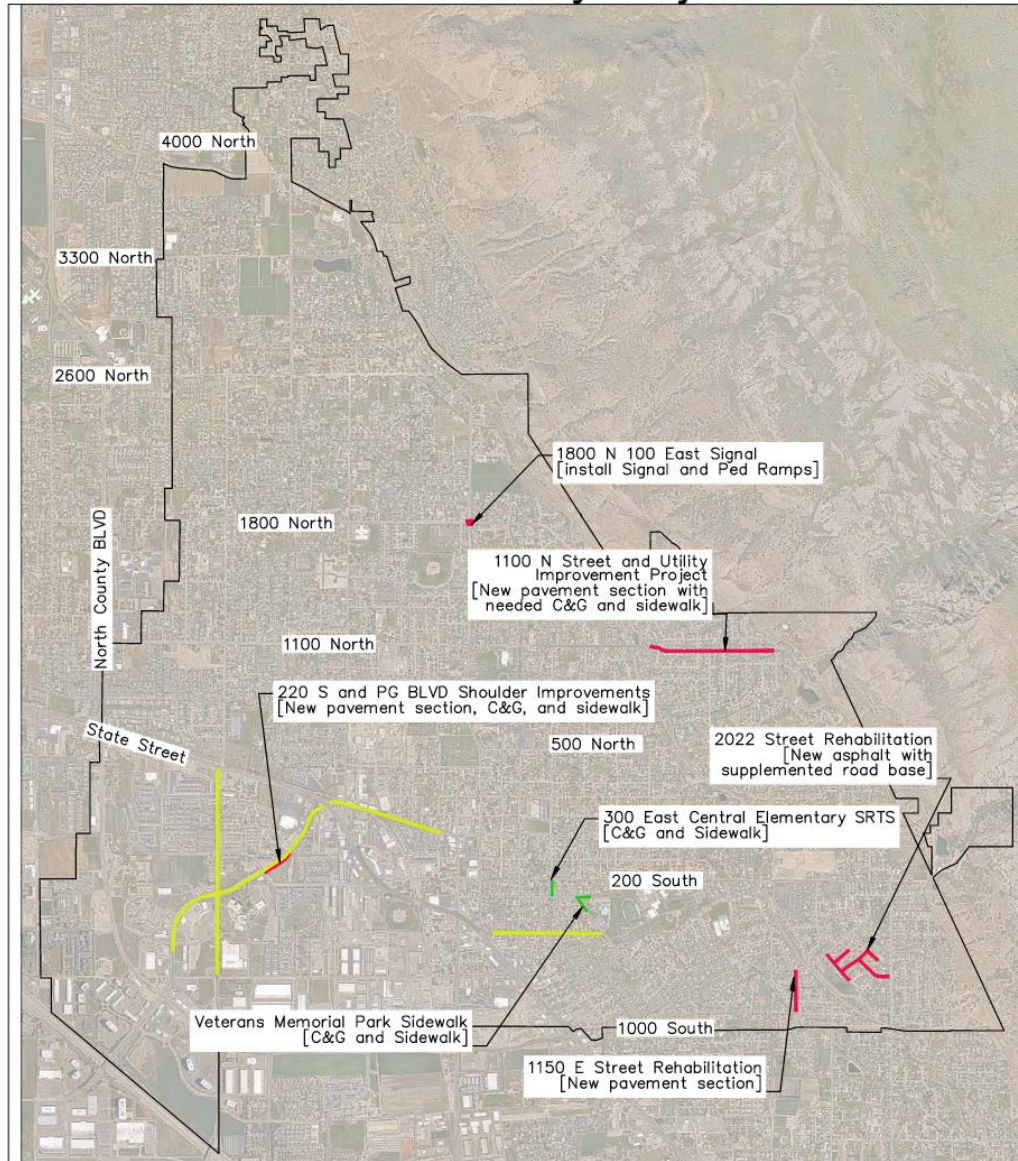
- 2023 HDMB
- 2023 Roadway Projects
- 2023 Micro Surfacing
- 2023 Sidewalk Projects

Not shown on this map: Crack seal, striping, pothole repair, and utility projects

Map Date: 05/05/2024 1:28 PM. Printed By: Brian Turley  
Data Owner: 05/05/2024 © STREETSPREVIEW PLANNING/USDA ROAD PLANNING ROAD PLANNING RECOVER/USDA



## 2022 Roadway Projects

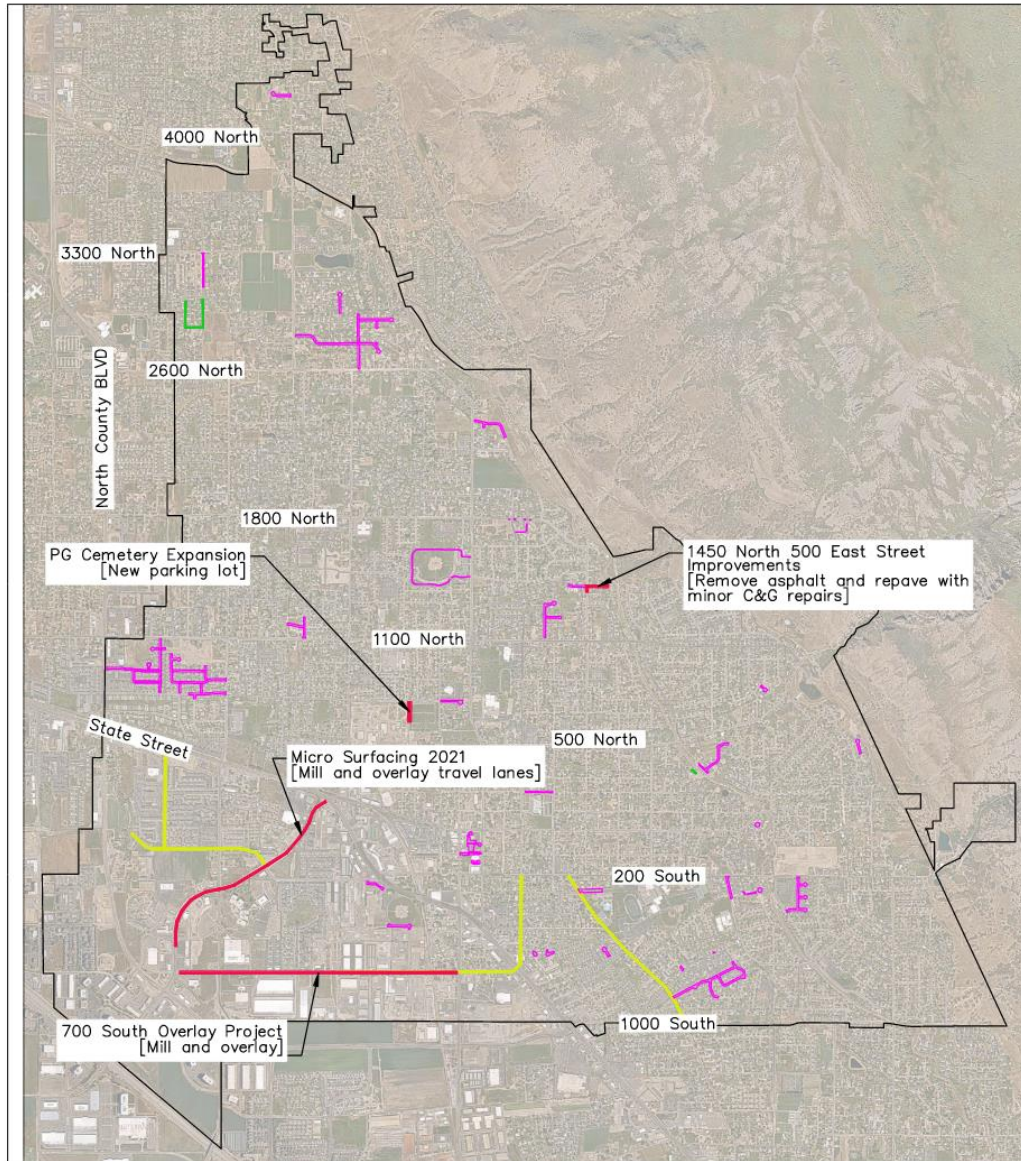


- 2022 HDMB
- 2022 Roadway Projects
- 2022 Micro Surfacing
- 2022 Sidewalk Projects

Not shown on this map: Crack seal, striping, pothole repair, and utility projects

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## 2021 Roadway Projects



2021 HDMB

2021 Roadway Projects

2021 Micro Surfacing

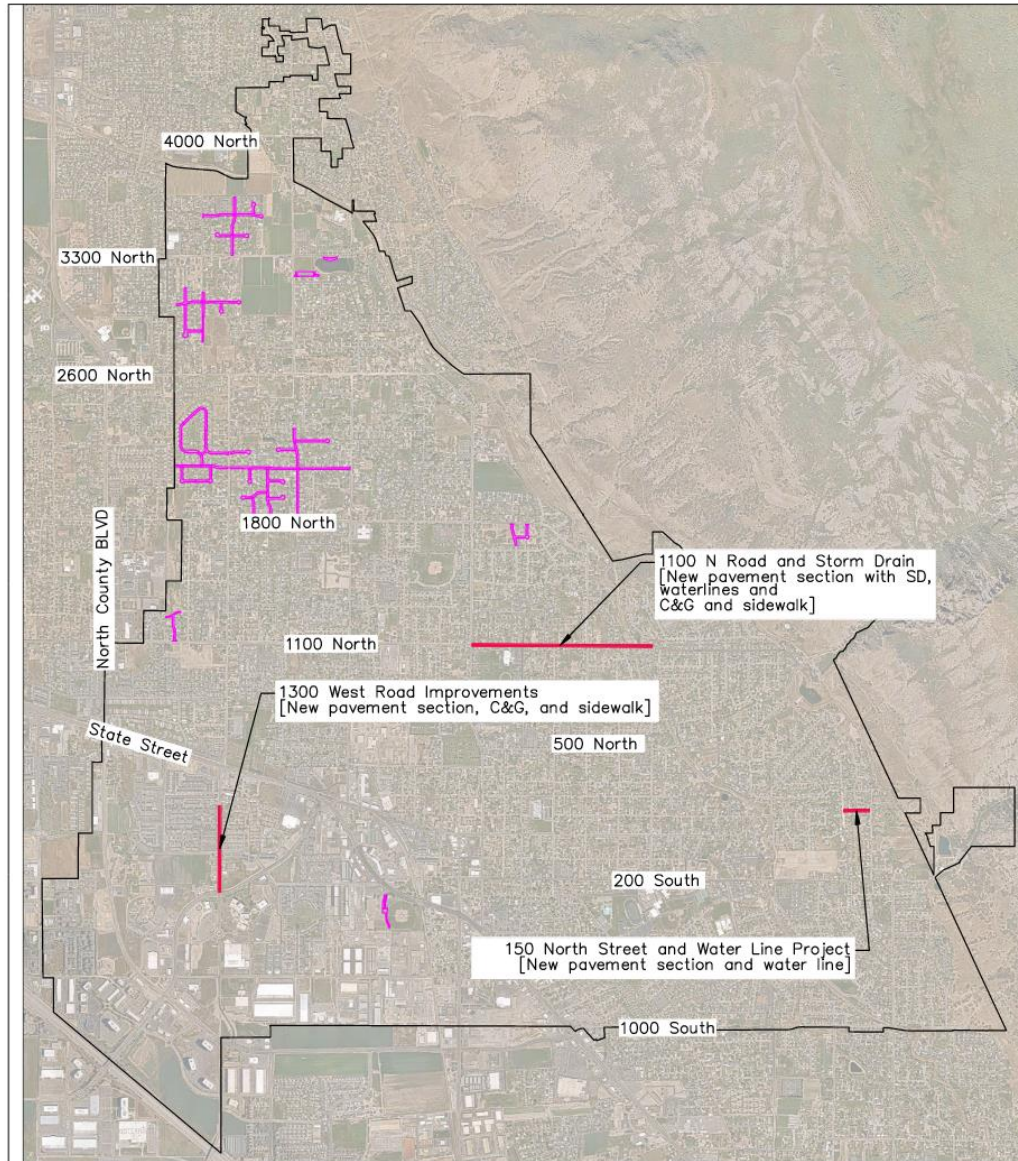
2021 Sidewalk Projects

Not shown on this map: Crack seal, striping, pothole repair, and utility projects

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## 2020 Roadway Projects

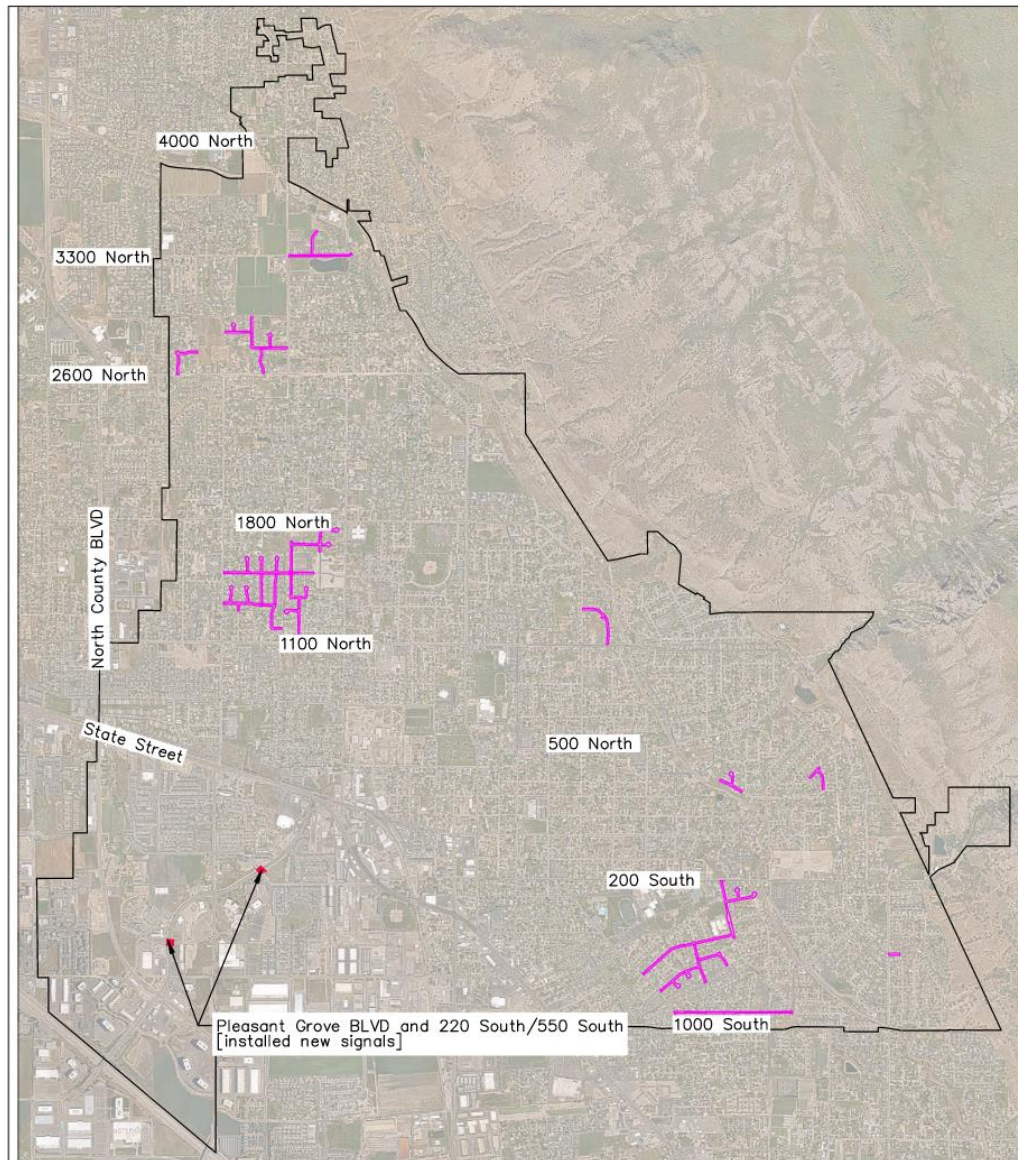


- 2020 HDMB
- 2020 Roadway Projects

Not shown on this map: Crack seal, striping, pothole repair, and utility projects

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Data Source: 07/07/2024. © STREETSPREVIEW PLANNING/USDA ROAD PLANNING ROAD PLANNING RECOVER/OWS

## 2019 Roadway Projects



2019 HDMB

2019 Roadway Projects

Not shown on this map: Crack seal, striping, pothole repair, and utility projects

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## Projects On the Horizon

The table below shows projects that could be added to the 2024 Calendar Year projects to be completed.

Projects to Consider							
Project Name	Reason for the Project and Proposed Scope	Treatment Type	City Fund			Other Funding	
			Class C road Fund	Transportation Utility Fee	2021 Road Bond	Funding Source	Funds
Grove Creek (500 N) from 100 E to Grove Creek Trail head mill and fill	Pavement Maintenance	Mill and Overlay		\$ 800,000.00			
700 N from 300 East to 400 East School road	Replace the Failed Roadway and utility repairs	New pavement Section		\$ 600,000.00			

\* The above funds do not include funds for utility repairs such as storm drain, water, and sewer

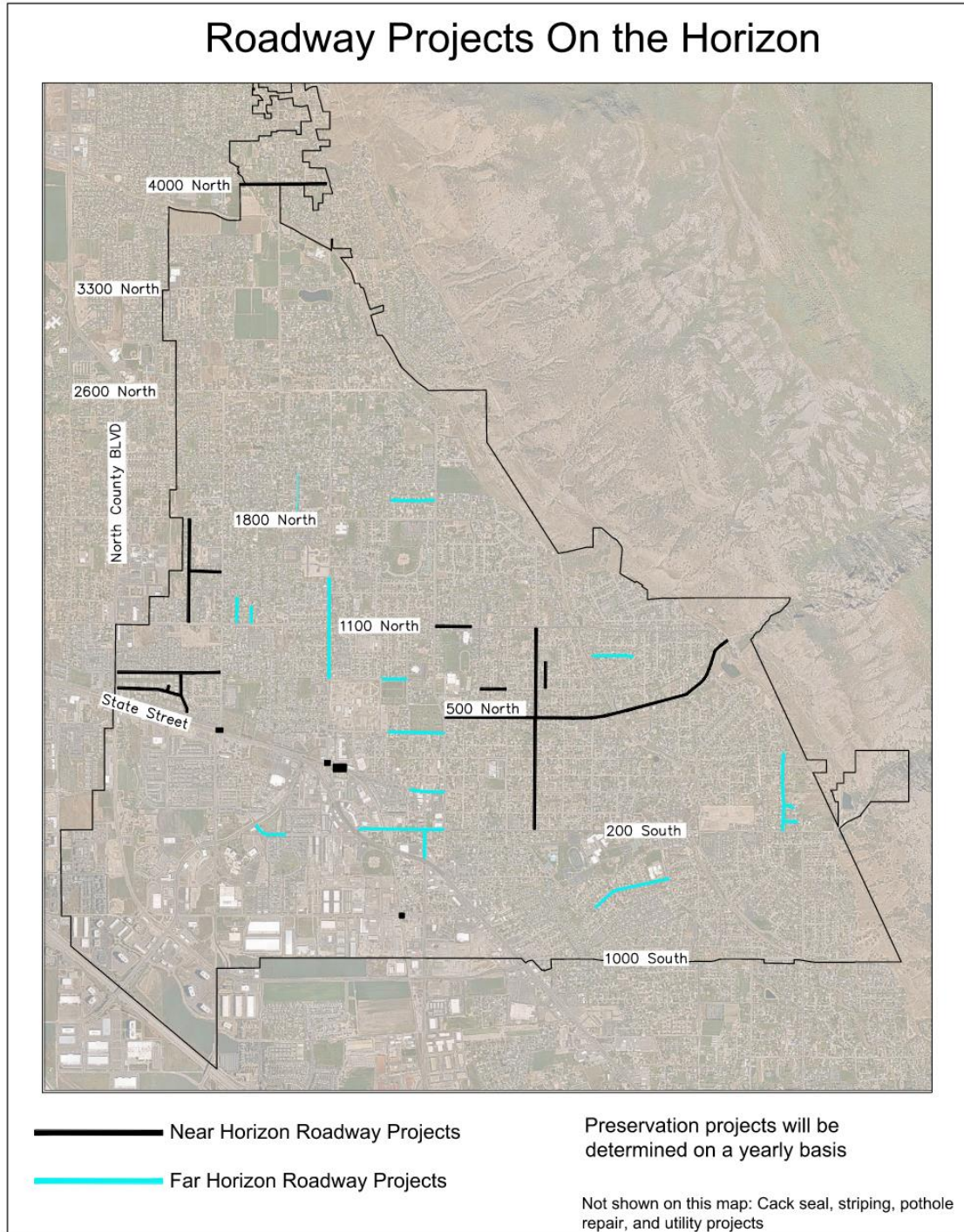
The table below shows projects that are on the near horizon and planned to be in design in the 2024 or 2025 Calendar Year.

Roadway Projects On the Horizon			
Project Name	Reason for the Project and Proposed Scope	Treatment Type	Engineer/Contractor
<b>Annual Projects</b>			
2025 Pavement Preservation	Preservation	TBD	In house/TBD
2025 HDMB	Preservation	Slurry Seal	In house/Holbrook Asphalt co.
Crack Sealing 2025	Preservation	Crack Seal	In house/Morgan Pavement Maint
Roadway Striping 2025	Update faded Striping		In house/TBD
Sidewalk C&G	Spot C&G replacement		In house/TBD
ADA Ramps	Spot ADA Ramps as needed		In house/TBD
Trip Hazard Mitigation	Grind Trip hazards		In house/TBD
<b>Projects</b>			
4000 North	replace the failed roadway and widening	TBD	Bowen Collins/TBD
Grove Creek (500 N) from 100 E to Grove Creek Trail head mill and fill	Pavement Maintenance	Mill and Overlay	In house/TBD
700 N from 300 East to 400 East School road	replace the failed roadway, adding C&G with sidewalk, update utilities.	TBD	TBD
800 North from N. County BLVD to 1300 W	Needs investigation for utility, drainage, and geotech	TBD	TBD
680 North from N. County BLVD to 1570 W	Needs investigation for utility, drainage, and geotech	TBD	TBD
1440 North from 1520 W to 1300 W	replace the failed roadway, Replace the culinary water water line	TBD	TBD
1520 West from 1100 N to 1800 N	replace the failed roadway, Replace the culinary water water line	TBD	TBD
535 East from 500 N to 900 N	Needs investigation for utility, drainage, and geotech	TBD	TBD
500 East from 200 S to 1100 N	Replace failed roadway Add sidewalk in strategic locations Repair water leaks Add SD where needed Replace Sewer line where needed	TBD	RB&G Engineering/TBD
1100 North from 100 E to 300 E	ROW takes Replace roadway Add missing C&G and Sidewalk	TBD	TBD
RXR crossing Maintenance	The city is required to maintain the RxR crossings within the city	TBD	TBD

The table below shows projects that are on the far horizon and planned to be in design in the in the foreseeable future.

Roadway Projects On the Far Horizon			
Project Name	Reason for the Project and Proposed Scope	Treatment Type	Engineer/Contractor
<b>Annual Projects</b>			
Yearly Pavement Preservation	Preservation	TBD	In house/TBD
Yearly HDMB	Preservation	Slurry Seal	In house/TBD
Crack Sealing Yearly	Preservation	Cack Seal	In house/TBD
Roadway Striping Yearly	Update faded Striping		In house/TBD
Sidewalk C&G	Spot C&G replacement		In house/TBD
ADA Ramps	Spot ADA Ramps as needed		In house/TBD
Trip Hazard Mitigation	Grind Trip hazards		In house/TBD
<b>Projects</b>			
820 W from 1800 N to 2100 N	Failing water line and needs investigation for utility, drainage, and geotech	TBD	TBD
Windsong Dr from Crestwod BLVD to 100 E	Failing water line and needs investigation for utility, drainage, and geotech	TBD	TBD
1200 W from 1100 N to 1250 N	Needs investigation for utility, drainage, and geotech	TBD	TBD
1120 W Cr from 1100 N to 1200 N	Needs investigation for utility, drainage, and geotech	TBD	TBD
600 W from 800 N to 1420 N	SD upgrades and needs investigation for utility, drainage, and geotech	TBD	TBD
800 N form 300 W to 100 W	Replace the failed roadway and needs investigation for utility, drainage, and geotech	TBD	TBD
930 N from Murdock Dr to 800 N	Failing water line and needs investigation for utility, drainage, and geotech	TBD	TBD
400 N from 200 W to 100 E	replace the failed roadway and needs investigation for utility, drainage, and geotech	TBD	TBD
200 S from N County BLVD to 840 W	Needs sidewalk and needs investigation for utility, drainage, and geotech	TBD	TBD
Center St from 100 W to 100 E	Replace the failed roadway and needs investigation for utility, drainage, and geotech	TBD	TBD
200 S from State Street to 100 E	Replace the failed roadway and needs investigation for utility, drainage, and geotech	TBD	TBD
Main St from State St to 200 S	SD upgrades and needs investigation for utility, drainage, and geotech	TBD	TBD
Orchard Dr from Locust Ave to Loader Ave	Failing water line and needs investigation for utility, drainage, and geotech	TBD	TBD
1400 E from 200 S to 250 N	Replace the failed roadway and needs investigation for utility, drainage, and geotech	TBD	TBD

The map below shows projects that include roadway work that is planned on the near horizon and far horizon. Many of these projects will require utility work to be performed before the roadway work is completed. Roadway preservation projects are not shown on the map below and will be evaluated on year-to-year basis.



Future Road Work in List Format