



**Street Maintenance Sales Tax
Finance Oversight Committee
2021 Annual Report**





City of Olathe

2021 Annual Report



Street Maintenance Sales Tax Finance Oversight Committee

Background

On November 12, 2013, the citizens of Olathe approved a 10-year, 3/8 cent Street Maintenance Sales Tax, which the City began collecting on April 1, 2014. The purpose of the sales tax revenue is to finance the cost of repairing, rebuilding, rehabilitating, upgrading, and improving streets in the City of Olathe.

Introduction

On February 18, 2014 the City Council enacted Resolution No. 14-1020 that adopted the charter creating the Street Maintenance Sales Tax Finance Oversight Committee. The Street Maintenance Sales Tax (SMST) Finance Oversight Committee is an advisory body tasked with the annual review of the 3/8 cent sales tax-related revenues and expenditures during its term. The Committee shall consist of seven members, all residents of the City of Olathe, appointed by the City Council. Generally, terms will be limited to four, consecutive two-year terms for a total of eight consecutive years. The Committee's specific duties are as follows:

- Annually review SMST income and expenditure to ensure the SMST revenues were expended consistently with the voter-approved street maintenance sales tax referendum.
- Annually, prepare an independent report to the City Council regarding the revenue and expenditures of the Street Maintenance Sales Tax.

The Committee's function is strictly that of oversight. It should be noted that it is not within the purview of the Committee to make decisions or recommendations on the use of SMST funds, direct staff, or define the scope of a project. These responsibilities remain under the authority of the City Council, City Manager, and professional staff.

Summary of 2021 SMST Revenues and Expenditures

In presenting this annual SMST report on the revenues and expenditures, the Committee undertook a review of documentation provided by the Economy and Infrastructure Focus Areas. At the onset of the pandemic, the City anticipated sales tax revenues would fall below budgeted amounts and took appropriate actions to mitigate the impact to the City's financial position. As the 2021 budget was created during the beginning of the pandemic, financial instability was still in the air. For the 2021 resolution for street preservation funding, long-term funding was prioritized (GO bonds) and current funding was removed (General Fund CIP Cash). As the City was able to mitigate much of the economic impact of the pandemic, funding was

restored for the SMST program from the General Fund for the 2021 program, with a transfer of \$4,000,000 from the General Fund and CPR for 2021 program funding. It also lessened the amount needed to bond annually. Sales tax also rose significantly from forecasts. For 2021, the Street Maintenance Sales Tax had \$14,608,081 in revenue and \$10,339,992 in expenditures. The fund balance at the beginning of 2021 was \$2,127,178 and \$4,268,159 was added which ended the year with a fund balance of \$6,395,337.

2021 Street Preservation Program

2021 Street Preservation Program Revenue Allocation									
AUTHORIZED SOURCES OF FUNDS SUMMARY		SMST	Bonds	Grants	Stormwater - County and City	Street Excise	CIP Cash (General Fund)	Other	TOTAL
Street Maintenance Sales Tax		\$11,000,000.00							\$11,000,000.00
General Obligation Bonds			\$4,200,000.00						\$4,200,000.00
Total Sources		\$11,000,000.00	\$4,200,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,200,000.00
ACTUAL ALLOCATION OF FUNDS BY PROJECT									
3-P-001-21	119th Street Arterial Mill and Overlay	\$1,593,692.72			\$107,608.00		\$500,000.00		\$2,201,300.72
3-P-001-22	Kansas Avenue Streetscape		\$1,100,000.00				\$175,000.00		\$1,275,000.00
3-P-002-21	Ridgeview Road Arterial Mill and Overlay	\$504,581.10			\$80,649.00				\$585,230.10
3-P-002-22	Mur-Len Road Arterial Mill and Overlay						\$125,000.00		\$125,000.00
3-P-003-20	Cedar Creek Parkway Arterial Mill and Overlay	\$663,046.95					\$799,682.00	\$13.28	\$1,462,742.23
3-P-003-21	159th Street Arterial Mill and Overlay	\$1,830,698.39					\$133,000.00		\$1,963,698.39
3-P-003-22	Ridgeview Road Arterial Mill and Overlay						\$120,000.00		\$120,000.00
3-P-004-21	2021 Local and Collector Mill and Overlay - Group A	\$1,638,318.34	\$1,000,000.00				\$702,425.83		\$3,340,744.17
3-P-005-21	2021 Local and Collector Mill and Overlay - Group B	\$1,812,635.96					\$700,000.00		\$2,512,635.96
3-P-004-22	151st Street Arterial Mill and Overlay						\$91,000.00		\$91,000.00
3-P-006-21	2021 MAQS Micro Surface	\$2,119,729.90							\$2,119,729.90
3-P-007-21	Street Maintenance Curb Replacement	\$404,116.76							\$404,116.76
3-P-008-21	Street Maintenance Crack Sealing	\$121,832.15							\$121,832.15
TOTAL ALLOCATION		\$10,688,652.27	\$2,100,000.00	\$0.00	\$188,257.00	\$0.00	\$3,346,107.83	\$13.28	\$16,232,030.38
<i>2021 Proposed Funding</i>		<i>\$11,000,000.00</i>	<i>\$4,200,000.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$0.00</i>	<i>\$15,200,000.00</i>
<i>Delta</i>		<i>-\$311,347.73</i>	<i>-\$2,100,000.00</i>	<i>\$0.00</i>	<i>\$188,257.00</i>	<i>\$0.00</i>	<i>\$3,346,107.83</i>	<i>\$13.28</i>	<i>\$1,123,017.00</i>

Revenues & Expenditures Detail

	2014	2015	2016	2017	2018	2019	2020	2021
Beginning Fund Balance	\$ -	\$ 2,563,642	\$ 3,452,256	\$ 2,695,484	\$ 2,149,690	\$ 783,874	\$ 1,213,761	\$ 2,127,178
Revenue:								
<i>Sales Tax</i>	\$ 6,736,937	\$ 9,068,620	\$ 11,545,236	\$ 11,510,779	\$ 11,632,788	\$ 11,302,112	\$ 11,837,861	\$ 14,604,190
<i>Interest Income</i>	\$ 7,160	\$ 25,392	\$ 47,992	\$ 116,403	\$ 128,396	\$ 158,775	\$ 52,959	\$ 3,891
<i>Transfers In</i>	\$ 669,545	\$ 1,209,550	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Revenue	\$ 7,413,642	\$ 10,303,562	\$ 11,593,228	\$ 11,627,182	\$ 11,761,184	\$ 11,460,887	\$ 11,890,820	\$ 14,608,081
Expenditures:								
<i>Transfers to Projects</i>	\$ 4,850,000	\$ 9,414,948	\$ 12,350,000	\$ 12,172,976	\$ 13,127,000	\$ 11,031,000	\$ 10,977,403	\$ 10,339,922
Total Expenditures	\$ 4,850,000	\$ 9,414,948	\$ 12,350,000	\$ 12,172,976	\$ 13,127,000	\$ 11,031,000	\$ 10,977,403	\$ 10,339,922
Ending Fund Balance	\$ 2,563,642	\$ 3,452,256	\$ 2,695,484	\$ 2,149,690	\$ 783,874	\$ 1,213,761	\$ 2,127,178	\$ 6,395,337

2021 SMST Fund Balance Summary

Conclusion

The Committee has concluded that:

- The revenue from SMST is being appropriately sequestered and routinely tracked, reported, and monitored.
- The expenditures of SMST funds were utilized in a manner consistent with the referendum passed by the Olathe voters.
- The City's cash funding allocated to the Street Preservation Program was allocated in a way to ensure the City's sound financial position.

Further detailed information about the SMST Finance Oversight Committee's proceedings and the projects in the 2021 Street Preservation Program may be found in the appendix of this report. This report has been researched, assembled and presented in a manner the committee believes is consistent with the stated objectives of Resolution 14-1020.

In accordance with the directives of Resolution 14-1020, the 2021 Annual Report of the Street Maintenance Sales Tax Finance Oversight Committee is respectfully submitted:

Ms. Carrie Rezac, Chairperson

The Members of the SMST Finance Oversight Committee

Mr. Tom Grady

Ms. Rebecca Feller

Mr. Gregg Herbert

Mr. Doug Svatos

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Street Maintenance Sales Tax Finance Oversight Committee

Appendix

- I. SMST Finance Oversight Committee Activities

- II. Project Information
 - a. 119th Street Arterial Mill and Overlay
 - b. Kansas Avenue Streetscape
 - c. Ridgeview Road Arterial Mill and Overlay
 - d. Mur-Len Road Arterial Mill and Overlay
 - e. Cedar Creek Parkway Arterial Mill and Overlay
 - f. 159th Street Arterial Mill and Overlay
 - g. Ridgeview Road Arterial Mill and Overlay
 - h. 2021 Local and Collector Mill and Overlay – Group A
 - i. 2021 Local and Collector Mill and Overlay – Group B
 - j. 151st Street Arterial Mill and Overlay
 - k. 2021 MAQS Micro Surface
 - l. Street Maintenance Curb Replacement
 - m. Street Maintenance Crack Sealing

- III. Resolution No. 21-1002 authorizing the 2021 Street Preservation Program

- IV. Definitions of Street Preservation Project Categories

STREET MAINTENANCE SALES TAX
FINANCE OVERSIGHT COMMITTEE
ACTIVITIES

2021:

- ✓ June 22, 2021 Committee reviewed the 2020 financial information and the draft 2020 SMST Finance Oversight Committee's annual report. Received presentation by staff on the 2021 Street Preservation Program. The meeting was conducted in-person at City Hall and members in attendance were: Anne Oswald, Carrie Rezac, Doug Svatos, Steve Smith, Becky Feller, and Gregg Herbert (Tom Grady was absent). Also, in attendance were staff members Director for Economy Focus Area Dianna Wright, City Engineer Nate Baldwin, and Jeff Beal.
- ✓ July 6, 2021 The 2020 Annual Report was submitted to the City Council and Committee Chair Anne Oswald was available to answer any questions.

“119th Street Arterial Mill and Overlay Project”

Project Number: 3-P-001-21	
Project: 119th Street Arterial Mill and Overlay Project	Project Description: This Street Preservation project will provide a 2” depth asphalt mill and overlay on 119th Street from Ridgeview Road to Renner Boulevard and from Strang Line Road to Black Bob Road. This project will also include spot replacement of concrete curb and sidewalk, installation of ADA sidewalk ramps, installation of an 8’ wide concrete shared use path on the south side, replacement of pavement markings, and traffic signal improvements.
Lane Miles: 6.5	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash – General Fund	\$500,000.00	22.7%		Design/Engineering	\$100,057.39	4.5%
General Obligation Bonds	\$0	0%		Land Acquisition 8’ Wide Sidewalk	\$56,320.00	2.6%
JOCO Stormwater Program	\$8,793.00	0.4%		Construction	\$1,891,960.22	85.9%
Street Maintenance Sales Tax	\$1,593,692.72	72.4%		Project Management - Inspection	\$32,057.61	1.5%
Storm Water Rehab Funds	\$98,815.00	4.5%		Traffic Signal - Equipment	\$114,411.00	5.20%
Other Revenue				Other: Testing, Publications, Towing	\$6,494.50	0.3%
Total Revenues	\$2,201,300.72	100%		Total Expenditures	\$2,201,300.72	100%

Before Photo



After Photo



“Kansas Avenue Streetscape Project”

Project Number: 3-P-001-22	
Project: Kansas Avenue Streetscape Lane Miles: 1 Project Status: Design	Project Description: The Kansas Avenue Streetscape Project will include milling and asphalt resurfacing, base and subgrade repairs (as needed), concrete curb and sidewalk replacement, installation of ADA compliant sidewalk ramps, installation of a protected cycle track, installation of decorative hardscape and landscaping at intersections and in the cycle track median, installation of decorative streetlights, traffic signal replacement at the Loula Street intersection, and placement of pavement markings.

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$175,000.00	%		Design/Engineering	\$202,597.58	%
General Obligation Bonds - 2015	\$1,100,000.00			Acquisition		
CARS Program				Construction	\$	%
Street Maintenance Sales Tax	\$	%		Project Management - Inspection	\$10,701.79	%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$	%
Total Revenues	\$1,275,000.00	%		Total Expenditures	\$213,299.37	%

Before Photo

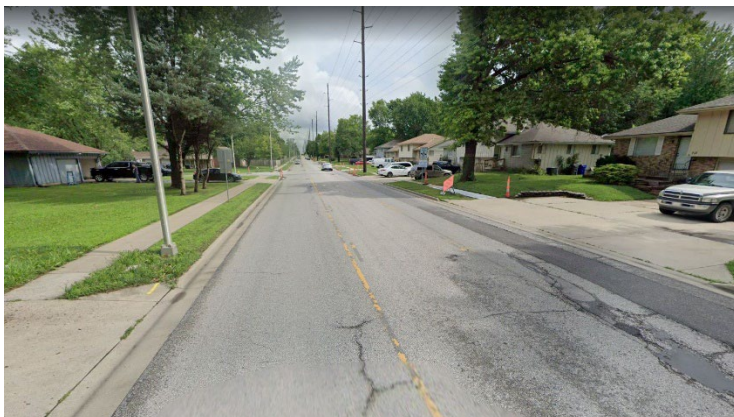
After Photo

“Ridgeview Road Arterial Mill and Overlay Project”

Project Number: 3-P-002-21	
Project: Ridgeview Road Arterial Mill and Overlay Project	Project Description: This Street Preservation project will provide a 2” depth asphalt mill and overlay on Ridgeview Road from Sheridan Street to Park Street. This project will also include asphalt base repairs (as needed), concrete curb and sidewalk spot replacement, installation of ADA compliant sidewalk ramps, replacement of pavement markings, and stormwater improvements.
Lane Miles: 3	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project	Expenditures & Obligations	Amount	% of Project
CIP Cash			Design/Engineering	\$62,612.58	10.7%
General Obligation Bonds			Acquisition		
CARS Program			Construction	\$490,792.66	83.9%
<i>Street Maintenance Sales Tax</i>	\$504,581.10-	86.2%	Project Management - Inspection	\$26,531.37	4.5%
Storm Water Funds	\$80,649.00	13.8%	Utilities	\$563.00	0.1%
Other Revenue			Other: Testing & Publications	\$4,730.49	0.8%
Total Revenues	\$585,230.10	100%	Total Expenditures	\$585,230.10	100%

Before Photo



After Photo



“Mur-Len Road Arterial Mill and Overlay Project”

Project Number: 3-P-002-22	
Project: Mur-Len Road Arterial Mill and Overlay Lane Miles: 6.5 Project Status: Design	Project Description: The Mur-Len Road Arterial Mill and Overlay Project will provide a 2” depth mill and asphalt overlay, asphalt base repair, concrete curb and gutter replacement, sidewalk and ADA ramp replacement, installation of eight-foot sidewalk, storm sewer improvements and replacement of pavement markings. The project limits will be from Santa Fe Street to Rogers Road.

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$125,000.00	%		Design/Engineering	\$132,109.22	%
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$	%
Street Maintenance Sales Tax	\$	%		Project Management - Inspection	\$13,624.23	%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$	%
Total Revenues	\$125,000	%		Total Expenditures	\$145,733.45	%

Before Photo

After Photo

“Cedar Creek Parkway Arterial Mill and Overlay Project”

Project Number: 3-P-003-20	
Project: Cedar Creek Parkway Arterial Mill and Overlay Project	Project Description: This Street Preservation project will provide a 3.5” depth concrete mill and asphalt overlay, spot replacement of concrete curb and gutter, sidewalk, installation of ADA sidewalk ramps, installation of 8’ wide concrete shared use path on the east side, and replacement of pavement markings.
Lane Miles:	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$799,682.00	54.7%		Design/Engineering	\$94,042.63	6.4%
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$1,327,788.52	90.8%
<i>Street Maintenance Sales Tax</i>	\$663,046.95-	45.3%		Project Management - Inspection	\$30,743.97	2.1%
Storm Water Funds				Utilities	7,556.36	0.5%
Other Revenue – Invest Earnings	\$13.28	<0.1%		Other: Testing & Publications	\$2,610.75	0.2%
Total Revenues	\$1,462,742.23	100%		Total Expenditures	\$1,462,742.23	100%

Before Photo



After Photo



“159th Street Arterial Mill and Overlay Project”

Project Number: 3-P-003-21	
Project: 159 th Street Arterial Mill and Overlay Project	Project Description: This Street Preservation project will provide a 2” depth asphalt mill and overlay on 159 th Street from US-169 Highway to Black Bob Road. This project will also include asphalt base repairs (as needed), concrete curb and sidewalk spot replacement, installation of ADA compliant sidewalk ramps, installation of 8’ concrete shared use path (from the Chisholm Trail Middle School exit to Brougham Drive), placement of pavement markings, and traffic signal detection improvements.
Lane Miles:	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project	Expenditures & Obligations	Amount	% of Project
CIP Cash	\$133,000.00	6.8%	Design/Engineering	\$104,775.31	5.3%
General Obligation Bonds			Traffic Signals	\$60,334.00	3.1%
CARS Program			Construction	\$1,759,288.89	89.6%
<i>Street Maintenance Sales Tax</i>	\$1,830,968.39	93.2%	Project Management - Inspection	\$30,549.62	1.6%
Storm Water Funds			Utilities:		
Other Revenue			Other: Testing, Irrigation & Publications	\$9,020.57	0.4%
Total Revenues	\$1,963,968.39	100%	Total Expenditures	\$1,963,968.39	100%

Before Photo



After Photo



“Ridgeview Road Arterial Mill and Overlay Project”

Project Number: 3-P-003-22	
Project: Ridgeview Road Arterial Mill and Overlay Lane Miles: Project Status: Design	Project Description: The Ridgeview Road Arterial Mill and Overlay Project will provide a 2” depth mill and asphalt overlay on Ridgeview Road from 119 th Street to Spruce Street. This project will also include asphalt base repair, concrete curb and gutter replacement, sidewalk and ADA ramp replacement, installation of an 8’ concrete shared use path as needed, stormwater improvements, signal detection replacement, and placement of pavement markings.

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$120,000.00	%		Design/Engineering	\$76,845.00	%
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$	%
<i>Street Maintenance Sales Tax</i>	\$	%		Project Management - Inspection	\$3,970.97	%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$	%
Total Revenues	\$120,000.00	%		Total Expenditures	\$80,815.97	%

Before Photo

After Photo

“2021 Local and Collector Street Mill and Overlay Project - Group A”

Project Number: 3-P-004-21	
Project: Local and Collector Street Mill and Overlay – Group A	Project Description: This Street Preservation project will provide a 2” depth mill and asphalt overlay, spot replacement of concrete curb and sidewalk, installation of ADA sidewalk ramps and replacement of pavement markings on thirty-three (33) local and collector streets
Lane Miles:	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project	Expenditures & Obligations	Amount	% of Project
CIP Cash	\$702,425.83	21.0%	Design/Engineering		
General Obligation Bonds	\$1,000,000.00	30.0%	Acquisition		
CARS Program			Construction	\$3,306,909.86	99.0%
Street Maintenance Sales Tax	\$1,638,318.34	49.0%	Project Management - Inspection	\$27,543.60	0.8%
Storm Water Funds			Utilities		
Other Revenue			Other: Testing, Towing & Publications	\$6,290.71	0.2%
Total Revenues	\$3,340,744.17	100%	Total Expenditures	\$3,340,744.17	100%

Before Photo



After Photo



“151st Street Arterial Mill and Overlay Project”

Project Number: 3-P-004-22	
Project: 151 st Street Arterial Mill and Overlay Lane Miles: 4 Project Status: Design	Project Description: The 151 st Street Arterial Mill and Overlay Project will provide a 2” depth mill and asphalt overlay, concrete curb and gutter replacement, sidewalk and ADA ramp replacement, storm sewer improvements and replacement of pavement markings. The project limits will be from Ridgeview Road to Mur-Len Road.

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$91,000.00	%		Design/Engineering	\$69,256.66	%
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$	%
Street Maintenance Sales Tax	\$	%		Project Management - Inspection	\$9,779.43	%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$	%
Total Revenues	\$	%		Total Expenditures	\$79,036.09	%

Before Photo

After Photo

“2021 Local and Collector Street Mill and Overlay Project - Group B”

Project Number: 3-P-005-21	
Project: Local and Collector Street Mill and Overlay – Group B	Project Description: This Street Preservation project will provide a 2” depth mill and asphalt overlay, spot replacement of concrete curb and sidewalk, installation of ADA sidewalk ramps and replacement of pavement markings on forty-seven (47) local and collector streets.
Lane Miles:	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash	\$700,000.00	27.9%		Design/Engineering	\$	%
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$2,473,397.81	98.44%
Street Maintenance Sales Tax	\$1,812,635.96	72.1%		Project Management - Inspection	\$30,841.95	1.23%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$8396.20	0.33%
Total Revenues	\$2,512,635.96	100%		Total Expenditures	\$2,512,635,96	100%

Before Photo



After Photo



“2021 MAQS Micro Surface Project”

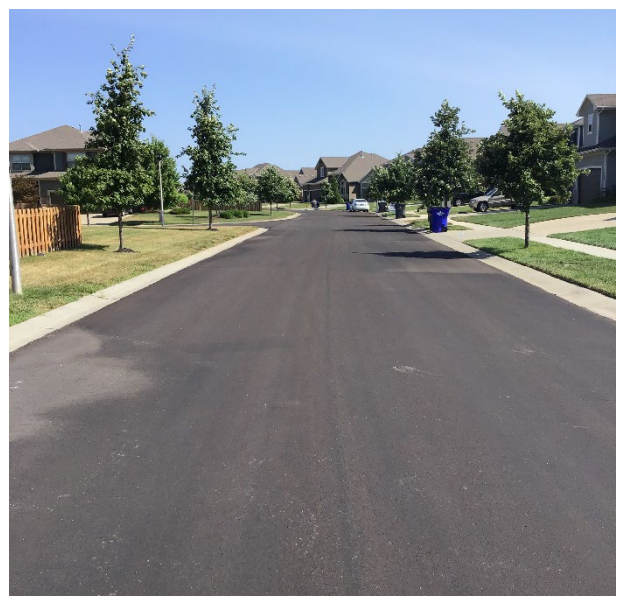
Project Number: 3-P-006-21	
Project: 2021 MAQS Micro Surface Project	Project Description: This Street Preservation project will provide a micro surface treatment on 156 local, collector, and arterial streets. Construction is scheduled to begin in Summer 2021 and be completed by Fall 2021.
Lane Miles:	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures & Obligations	Amount	% of Project
CIP Cash				Design/Engineering		
General Obligation Bonds				Acquisition		
CARS Program				Construction	\$2,102,074.51	99.17%
Street Maintenance Sales Tax	\$2,119,729.90	100%		Project Management - Inspection	\$10,157.29	0.48%
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications	\$7,498.10	0.35%
Total Revenues	\$2,119,729.90	100%		Total Expenditures	\$2,119,729.90	100%

Before Photo



After Photo



“Street Maintenance Curb Replacement”

Project Number: 3-P-007-21	
Project: Street Maintenance Curb Replacement	<p>Project Description: Removal and replacement of existing concrete curb and gutter on local and collector streets. The project completed 30,296 linear feet equal to 5.7 miles of deteriorated and broken concrete curb spot location replacement throughout the city.</p> <p>Street Preservation funding is used to pay for all materials related to concrete curb replacement completed by the Street Maintenance Division of the Public Works Department.</p>
Contractor: Street Maintenance Division	
Linear Feet: 30,296	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures	Amount	% of Project
CIP Cash				Design/Engineering		
General Obligation Bonds				Acquisition		
CARS Program				Construction Materials	\$402,246.56	99.54%
Street Maintenance Sales Tax	\$404,116.76	100%		Project Management - Inspection		
Storm Water Funds				Utilities		
Other Revenue				Other: Towing & Publications	\$1870.20	0.46%
Total Revenues	\$404,116.76	100%		Total Expenditures	\$404,116.76	100%

Before Photo



After Photo



“Street Maintenance Crack Sealing”

Project Number: 3-P-008-21	
Project: Street Maintenance Crack Sealing	<p>Project Description: Crack Sealing of pavement cracks up to a width of ¼ inch with rubberized asphalt sealant to prevent damage to base asphalt. The project also includes a wide crack sealant on cracks which have become wider than ¼ inch. Crack sealing is the first step of an efficient street preservation program and is a deterrent to potholes forming as a result of cracks in the asphalt pavement.</p> <p>SMST funding is used to pay for materials related to crack sealing completed by the Street Maintenance Division of the Public Works Department.</p>
Contractor: Street Maintenance Division	
Lane Miles: 178 Lane Miles Rubberized Crack Sealant & 4,456 Individual Wide Crack Patches	
Project Status: Complete	

Revenue Source(s)	Amount	% of Project		Expenditures	Amount	% of Project
CIP Cash				Design/Engineering		
General Obligation Bonds				Acquisition		
CARS Program				Construction Materials	\$121,832.15	100%
Street Maintenance Sales Tax	\$121,832.15	100%		Project Management - Inspection		
Storm Water Funds				Utilities		
Other Revenue				Other: Testing & Publications		
Total Revenues	\$121,832.15	100%		Total Expenditures	\$121,832.15	100%

Rubberized Asphalt Crack Seal



Wide Asphalt Crack Seal



RESOLUTION NO. 21-1002

A RESOLUTION AUTHORIZING THE 2021 STREET PRESERVATION PROGRAM, PN 3-P-000-21.

BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF OLATHE, KANSAS:

SECTION ONE: Pursuant to the authority of Charter Ordinance No. 74 of the City, the Governing Body hereby authorizes the 2021 Street Preservation Program. Such program shall rehabilitate the following streets in the City of Olathe:

119th Street Arterial Mill and Overlay Project – Strang Line Road to Black Bob Road & Renner Road to Ridgeview Road.

Ridgeview Road Arterial Mill and Overlay Project – Sheridan Street to Santa Fe Street.

Cedar Creek Parkway Arterial Mill and Overlay Project – K-10 Highway to end of road south of 103rd Street.

159th Street Arterial Mill and Overlay Project – US-169 Highway to Brougham Drive

Local & Collector Street Mill and Overlay Projects – See street list exhibit for LCMO Group A and Group B construction locations. The projects include 80 street locations totaling 32 lane miles.

Micro Surface Project – See street list exhibit and map locations. The project includes Type II Micro Surface on approximately 165 street locations, totaling 60 lane miles.

Street Maintenance Curb Replacement Project – Removal and replacement of approximately 25,000 linear feet of deteriorated curb and gutter by Street Maintenance Concrete Crews in multiple locations throughout Olathe.

Street Maintenance Crack Sealing Project – Crack sealing materials for approximately 250 lane miles to be applied throughout the city by Street Maintenance Crews.

Design costs for 2022 Arterial Mill and Overlay Projects will utilize 2021 Street Maintenance Sales Tax Funds. The following projects are currently included, but are not limited to:

Kansas Avenue Streetscape Project, Santa Fe St to Cedar St
Mur-Len Road, Santa Fe Street to Rogers Road
Ridgeview Road, Santa Fe Street to 119th Street
Old 56 Highway, Lone Elm Road to 151st Street
151st Street, Ridgeview Road to Mur-Len Road

Alternate Streets are included in the Exhibit A. (pages 4-13) Street Listings for the Local & Collector Mill and Overlay and Micro Surface Projects. The alternate streets are not included in the total number of primary streets and lane miles listed above with each project. These alternate streets are authorized for construction but not currently scheduled for construction. Upon completion of the scheduled primary streets, if adequate funding remains to construct some or all alternate streets, these streets may be added for construction by a change order to an existing project or bid as a separate project.

SECTION TWO: The cost for completing the projects listed in Section One is \$15,200,000. Funds to pay for the projects shall come from the following sources:

G.O. Bonds	\$ 4,200,000
<u>Street Maintenance Sales Tax</u>	<u>\$11,000,000</u>
TOTAL	\$15,200,000

SECTION THREE: Pursuant to the authority of Charter Ordinance No. 74, the Governing Body hereby authorizes the issuance of not to exceed \$4,200,000 of general obligation bonds, all exclusive of issuance costs and interest on any temporary financing.

SECTION FOUR: The City intends to reimburse itself for capital expenditures made on or after the date which is 60 days before the date of this Resolution in connection with the project, pursuant to Treasury Regulation § 1.150-2, with the proceeds of bonds and/or notes in the maximum principal amount of \$4,200,000 exclusive of issuance costs and any interest costs for temporary financing.

SECTION FIVE: This Resolution shall take effect immediately.

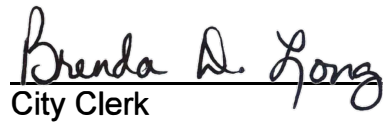
ADOPTED by the Governing Body this 5th day of January 2021.

SIGNED by the Mayor this 5th day of January 2021.



Mayor

ATTEST:



City Clerk



(SEAL)

APPROVED AS TO FORM:



City Attorney

Exhibit A

2021 Local and Collector Street Mill and Overlay Project- Group A

STREET	FROM/TO
South Scarborough Street	Wyandotte to South End Cul-de-Sac
East Sheridan Street	Ridgeview to West End Cul-de-Sac
South Sioux Drive	Wyandotte to Mohawk
South Sunset Drive	Dennis to Windsor (North Windsor Entrance)
South Sunset Drive	Windsor to Cedar (North Windsor Entrance)
South Apache Lane	Pawnee to North End Cul-de-Sac
East Arrowhead Circle	Arrowhead to Arrowhead
East Arrowhead Drive	151st Street to Lindenwood
West 141st Street	Mur-Len to Northeast End Cul-de-Sac
West 142nd Circle	Locust to West End Cul-de-Sac
West 142nd Place	Locust to West End Cul-de-Sac
South Taylor Circle	Taylor to South End Cul-de-Sac
South Taylor Court	Taylor to South End Cul-de-Sac
East Taylor Drive	Lindenwood to Arrowhead
East Taylor Drive	Taylor to South End Cul-de-Sac
South Tomahawk Lane	Cherokee to Pawnee
South Kenwood Street	Mohawk to Arrowhead
South Kiowa Drive	151st Street to Wyandotte
South Blake Circle	Sheridan to North End Cul-de-Sac
South Locust Street	141st Street to 143rd Street
East Cedar Street	Mahaffie to Sunset
East Cherokee Lane	Mur-Len to Lindenwood
East Cherokee Place	Cherokee to West End Cul-de-Sac
South Mahaffie Street	Cedar to South End Cul-de-Sac
East Wyandotte Street	Mur-Len to Pawnee
East Mohawk Circle	Mohawk to Mohawk
East Mohawk Court	Kiowa to East End Cul-de-Sac
East Mohawk Drive	Mur-Len to Lindenwood
East Osage Circle	Cherokee to Cherokee
South Pawnee Circle	Pawnee Drive to South End Cul-de-Sac
East Pawnee Drive	Cherokee to Lindenwood
South Hunter Drive	Sheridan to North End Cul-de-Sac
North Rogers Road	Mur-Len to Access Road

2021 Local and Collector Street Mill and Overlay Project- Group B

STREET	FROM/TO
West Julia Street	Provence to Robinson
East 123rd Street	Ridgeview to Ridge Parkway
East 123rd Terrace	Mart-Way to West End Cul-de-Sac
East 123rd Terrace	Ridge Parkway to West End Cul-de-Sac
East 124th Street	Mart-Way to West End Cul-de-Sac
East 125th Street	Ridge Parkway to South End Cul-de-Sac
East 125th Street	Mart-Way to Ridge Parkway
East 125th Terrace	Mart-Way to both West End Dead Ends
East 125th Terrace	Nelson to Parkway
East 125th Terrace	Woodland to East End Dead End
East 125th Terrace	Mart-Way to 125th Street
East 126th Street	Woodland to 126th Terrace
East 126th Terrace	Woodland to 125th Terrace
East 126th Terrace	Nelson to East End Cul-de-Sac
Olathe Medical Center Access Road	151st Street to Private Access Road
South Brockway Street	Old 56 Highway to Dennis
West Valley Road	Cedar Hills to West End Cul-de-Sac
South Cathy Circle	Diane to West End Cul-de-Sac
South Cedar Hills Drive	Dennis to Valley
South Cedar Hills Drive	Valley Road to Southeast End Cul-de-Sac
North Cooper Street	Harold to 125th Terrace
North Cooper Street	Cooper to Southeast End Cul-de-Sac
North Curtis Street	Harold to North End Dead End
North Walker Lane	Harold to Curtis
South Wyckford Road	Dennis Avenue to Dennis Avenue
North Mart-Way Drive	Ridgeview to 123rd Street
North Mart-Way Drive	123rd Street to First Mart-Way Drive
North Mart-Way Drive	Harold to Second Mart-Way Drive
North Mart-Way Circle	Mart-Way to Mart-Way
West Dennis Avenue	Dennis to South End Cul-de-Sac (West)
West Dennis Avenue	Dennis to South End Cul-de-Sac (East)
South Diane Drive	Dennis to North End Cul-de-Sac
North Nelson Road	Kansas City Road to Harold
North Ridge Parkway	123rd Street to 125th Street
South Palmer Drive	Dennis to Palmer Lane
South Palmer Lane	Palmer Drive to Palmer Drive
South Palmer Drive	Palmer Lane to Palmer Lane
North Parkway Drive	125th Terrace to South End Cul-de-Sac
South Payne Street	Dennis to Julia

North Petzold Drive	125th Street to 125th Street
South Pitt Street	Dennis to Julia
North Purdom Street	Nelson to 125th Terrace
North Purdom Street	Purdom to Northeast End Cul-de-Sac
North Purdom Street	Purdom to South End Cul-de-Sac
North Harvey Circle	Harvey to Northwest End Cul-de-Sac
North Harvey Drive	125th Street to North Ridge Parkway
South Robinson Drive	Old 56 Highway to South End

2021 Local and Collector Street Mill and Overlay Project - Alternates

STREET	FROM/TO
South Summertree Lane	143rd Street to 139th Street
South Sycamore Drive	143rd Street to 141st Terrace
South Sycamore Street	141st Street to 139th Street
West 116th Street	Strang Line to Shannan
West 117th Street	Black Bob to 119th Street
West 117th Street	Rogers to Strang Line
South Alden Street	North End Cul-de-Sac to South End Cul-de-Sac
West 139th Terrace	141st Street to Raintree
West 141st Street	Tomahawk to 140th Terrace
West 141st Street	Summertree to 139th Street
West 141st Terrace	Summertree to East End Dead End
West 156th Street	US 169 Highway to East End Cul-de-Sac
West 157th Street	US 169 Highway to West End Cul-de-Sac
West 161st Street	US 169 Highway to West End Dead End
West 162nd Street	US 169 Highway to West End Dead End
West 141st Circle	141st Street to Southeast End Cul-de-Sac
South Tomahawk Drive	141st Street to South End Dead End
South Cottonwood Drive	141st Terrace to 143rd Street
South Cottonwood Drive	141st Street to 139th Terrace
South Raintree Drive	139th Street to 141st Street
South Raintree Drive	143rd Street to 141st Terrace
South Rogers Road	117th Street to North Limit

2021 MAQS Micro Surface Project

STREET	FROM/TO
South Shannan Circle	124th Terrace to Acuff Court
South Shannan Court	123rd Terrace to North End Cul-de-Sac
West Spruce Street	Northgate to Kansas Avenue
West Spruce Street	Lincoln to Parker
South Janelle Drive	Santa Fe to Cedar
North Sunset Drive	Yesteryear to Harold
South Sunset Street	165th Street to South End Dead End
North Julia Street	126th Street to South End Cul-de-Sac
South Acuff Court	124th Terrace to North End Cul-de-Sac
South Acuff Court	124th Terrace to South End Cul-de-Sac
South Acuff Lane	123rd Terrace to End Cul-de-Sac
South Albervan Street	123rd Terrace to 124th Terrace
South Albervan Street	123rd Terrace to 123rd Street
South Alcan Circle	Albervan to Albervan
West 114th Street	Millview to Ridgeview
West 114th Street	114th Street to North End Cul-de-Sac
South Alcan Circle	125th Street to West End Cul-de-Sac
West 114th Terrace	Hunter to 114th Street
South Alcan Street	Albervan to both Northeast End Cul-de-Sacs
West 123rd Street	123rd Street to North End Cul-de-Sac
South Alcan Circle	Alcan Circle to South End Cul-de-Sac
South Alden Circle	124th Terrace to 124th Terrace
South Alden Court	124th Terrace to South End Cul-de-Sac
South Alden Street	123rd Street to 123rd Terrace
North Anne Shirley Drive	Prince Edward Island to South End Cul-de-Sac
West 121st Terrace	Blackfoot to Fox Ridge
West 122nd Street	Blackfoot to Fox Ridge
West 122nd Terrace	Blackfoot to Fox Ridge
West 123rd Street	Black Bob to East End Dead End
West 123rd Street	Black Bob to West End Dead End
West 123rd Terrace	124th Street to Albervan
West 123rd Terrace	Albervan to Alcan
West 123rd Circle	123rd Street to 123rd Street
West 124th Street	Black Bob to East End Cul-de-Sac
West 124th Terrace	Mullen Circle to 124th Street
West 125th Street	Alcan to Hallet
West 125th Street	Black Bob to Constance
East 125th Street	Lucy Montgomery Way to Ridgeview
West 126th Street	Black Bob to Constance
East 126th Street	Sunset to 125th Street

West 126th Street	Constance to East End Cul-de-Sac
North Hunter Drive	Hunter to Southeast End Cul-de-Sac
	Southwest End Cul-de-Sac to Northeast End Cul-de-Sac
West 128th Street	Acuff Court to East End Cul-de-Sac
South Acuff Court	Mullen Circle to Northwest End Cul-de-Sac
South Mullen Circle	Blackfeather to East End Cul-de-Sac
West 143rd Terrace	Brougham to Blackfoot
West 144th Street	Blackfeather to Black Bob
West 144th Terrace	Blackfoot to Southeast End Cul-de-Sac
West 144th Terrace	Blackfoot to Brougham
West 145th Terrace	Blackfoot to Brougham
West 146th Street	Brougham to Black Bob
West 146th Terrace	146th Terrace to 146th Terrace
West 146th Circle	East Pavement Change to South Chambery Drive
West Elm Terrace	Rawhide to 515 Feet West
East Prairie Street	165th Street to Northwest End Cul-de-Sac
South Lind Road	165th Cul-de-Sac to Lindenwood
West 165th Street	Valhalla Street to 165th Place
South Parkwood Street	165th Street to Northwest End Cul-de-Sac
West 165th Street	Warwick to West End Cul-de-Sac
West 166th Street	Warwick to West End Cul-de-Sac
West 165th Street	Prairie to Catalpa
North Iowa Street	Clairborne to Southeast End Parking Lot
East Haven Lane	163rd Terrace to Parkwood Street
South Valhalla Street	Darnell to Northeast End
Darnell Street	146th Terrace to North End Cul-de-Sac (East)
West 146th Terrace	146th Terrace to North End Cul-de-Sac (West)
West 146th Terrace	Kaw to West End Cul-de-Sac
South Kaw Drive	Kaw to East End Cul-de-Sac
South Kaw Drive	West End Dead End to West End Dead End
West 163rd Terrace	Parkwood Street to Stagecoach
West 163rd Terrace	Britton to Mur-Len
West 164th Street	Britton to West End Dead End
West 164th Street	Central Street to Parkwood Street
West 164th Terrace	164th Street to Ripley
South Central Street	Sunset to Warwick
West 165th Street	Ridgeview to Sunset
West 165th Street	Ridgeview to East End Dead End
West 165th Street	167th Street to Mur-Len Road
West 165th Street	Lind Road to Parkwood Street
West 165th Place	Sunset to Warwick
West 165th Terrace	Chambery to Northwest End Cul-de-Sac
South Chambery Drive	

South Constance Street	Constance to Southeast End Cul-de-Sac
North Troost Circle	Prairie to North End Cul-de-Sac
North Troost Street	Santa Fe to North End Dead End (680 Feet North)
South Twilight Lane	123rd Street to South End Dead End
South Twilight Lane	Blackfeather to Northeast End Cul-de-Sac
South Twilight Lane	146th Terrace to North End Cul-de-Sac
South Twilight Court	144th Terrace to North End Cul-de-Sac
South Kaw Drive	Blackfeather to 144th Terrace
South Kaw Drive	144th Terrace to 147th Street
North Anne Shirley Drive	Pineview to Prince Edward Island
West 166th Street	Parkwood to West End
West 165th Terrace	Warwick to Southwest End Cul-de-Sac
West 166th Terrace	Warwick to West End
South Blackfeather Street	143rd Street to South End Cul-de-Sac
South Blackfoot Drive	123rd Street to North End Cul-de-Sac
South Blackfoot Drive	146th Terrace to North End Cul-de-Sac
South Brittany Drive	Cedar to South End Cul-de-Sac
South Blackfeather Street	Blackfeather to East End Cul-de-Sac
North Logan Street	Santa Fe to North End Cul-de-Sac
North Lucy Montgomery Way	Green Gables to Marilla
North Lucy Montgomery Way	Anne Shirley Drive to West End Cul-de-Sac
East Cavendish Trail	Green Gables to Charlotte Town
East Cedar Place	Clairborne to East End Cul-de-Sac
East Cedar Street	Kansas to Blake
South Chambery Drive	Cedar to South End Cul-de-Sac
South Chambery Drive	Santa Fe to Cedar
East Charlotte Town Road	Lucy Montgomery Way to Pineview
South Clairborne Road	Rogers to Sheridan
North Clinton Street	Santa Fe to Spruce
North Clinton Street	Prairie to North End Cul-de-Sac
East College Way	Lindenwood to Rogers
South Constance Street	125th Street to 126th Street
South Constance Street	127th Street to South End Dead End
South Wood Lane	Willow to Penrose
South Warwick Street	165th Street to 167th Street
North Marilla Lane	Prince Edward Island to Yesteryear
North Marion Street	Santa Fe to North End Parking Lot
South Millview Circle	Millview Road to Southeast End Cul-de-Sac
South Millview Road	Northwood to North End Dead End
South Darnell Street	123rd Terrace to Northwest End Cul-de-Sac
South Darnell Street	Constance to Southeast End Cul-de-Sac
North Monroe Street	Santa Fe to Forest
South Mullen Circle	124th Terrace to Albervan

South Mullen Court	123rd Terrace to North End Cul-de-Sac
South Monticello Terrace	College Boulevard to North Pavement Change
South Ripley Street	Central to South End Cul-de-Sac
South Britton Street	162nd Street to 165th Street
	Northeast End Cul-de-Sac to Southwest End Cul-de-Sac
East Yesteryear Street	
South Nelson Road	Harold to Northgate
East New London Street	Nelson to Anne Shirley
South Normandy Drive	Cedar to South End Cul-de-Sac
North Normandy Drive	Santa Fe to Cedar
North Hunter Drive	Ridgeview to Southwest End Cul-de-Sac
East Elm Street	Clairborne to East End Dead End
East Elm Terrace	Clairborne to East End Dead End
North Emma Street	126th Street to Harold
South Fellows Street	North End Cul-de-Sac to South End Cul-de-Sac
South Heatherwood Street	165th Street to Britton
South Heatherwood Street	163rd Terrace to South End Cul-de-Sac
South Fox Ridge Drive	121st Terrace to South End Cul-de-Sac
South Laurelwood Street	163rd Terrace to South End Cul-de-Sac
West Park Street	Normandy to Chambery
South Parker Street	Harold to 119th Street
South Parkwood Street	163rd Street to Valhalla Street
South Parkwood Street	167th Street to North End
East Penrose Lane	Clairborne to Northwest End Cul-de-Sac
East Penrose Lane	Clairborne to Willow
South Penrose Lane	College Way to South End Cul-de-Sac
North Prince Edward Island Street	Nelson to Green Gables
North Prince Edward Island Street	Prince Edward Island to North End Cul-de-Sac
South Gallery Street	123rd Street to North End Cul-de-Sac
South Lind Road	165th Street to Southeast End
South Lawson Street	North End Cul-de-Sac to South End Cul-de-Sac
South Hagan Lane	125th Street to North End Cul-de-Sac
South Hagan Lane	125th Street to South End Cul-de-Sac
North Annie Street	Hunter to South End Cul-de-Sac
South Hagan Circle	Hagan to Southwest End Cul-de-Sac
North Rawhide Drive	Santa Fe to North End Limit
South Roth Circle	146th Terrace to North End Cul-de-Sac
West Ironwood Street	Robinson to Southeast End Cul-de-Sac
West Cedar Street	Montclair to West Pavement Change
West Elm Terrace	Montclair to West Pavement Change
West Prairie Street	Iowa to Marion

2021 MAQS Micro Surface Project - Alternates

STREET	FROM/TO
South Scarborough Street	151st Street to South End Cul-de-Sac
South Sagebush Drive	124th Street to 123rd Terrace
West 11th Terrace	Crestone to West End Driveway
South Apache Circle	155th Terrace to South End Cul-de-Sac
West 123rd Terrace	Tallgrass to Prairie Creek
West 124th Street	Valley Circle to Aurora
West 124th Street	Parker to Prairie Creek
South Apache Street	155th Street to 157th Street
South Apache Street	157th Street to 158th Street
South Apache Street	153rd Terrace to 155th Street
West 141st Terrace	Red Bird to East End Cul-de-Sac
West 142nd Street	Red Bird to East End Cul-de-Sac
West 142nd Terrace	Red Bird to East End Cul-de-Sac
West 143rd Terrace	Houston to West End Cul-de-Sac
West 144th Street	Houston to Shady Bend
West 144th Street	Houston to East End Cul-de-Sac
West 144th Terrace	Dawson to Greeley
West 144th Terrace	Lakeshore to Greeley
South Stagecoach Drive	155th Street to 157th Street
West 168th Place	Kimble Street to 167th Terrace
West 113th Street	Crestone Street to West End Dead End
South Crestone Street	Crestone Street to East End Dead End
West 167th Terrace	168th Place to 485 Feet Northwest
East 152nd Street	Mur-Len to Scarborough
East 152nd Terrace	Scarborough to 153rd Street
East 152nd Terrace	Scarborough to Mur-Len
East 153rd Street	Lindenwood to 153rd Terrace
East 153rd Terrace	Mur-Len to Scarborough
East 153rd Terrace	Scarborough to Lindenwood
East 153rd Terrace	153rd Terrace to North End Cul-de-Sac
East 153rd Circle	153rd Street to North End Cul-de-Sac
East 154th Street	Scarborough to 153rd Terrace
East 154th Street	155th Street to Apache
East 155th Street	Lindenwood to Mur-Len
West 155th Terrace	Stagecoach to West End Cul-de-Sac
West 155th Terrace	Downing to Apache
East 155th Circle	155th Street to North End Cul-de-Sac
West 156th Street	Stagecoach to West End Cul-de-Sac
West 156th Street	Downing to East End Cul-de-Sac
West 156th Terrace	Downing to Apache

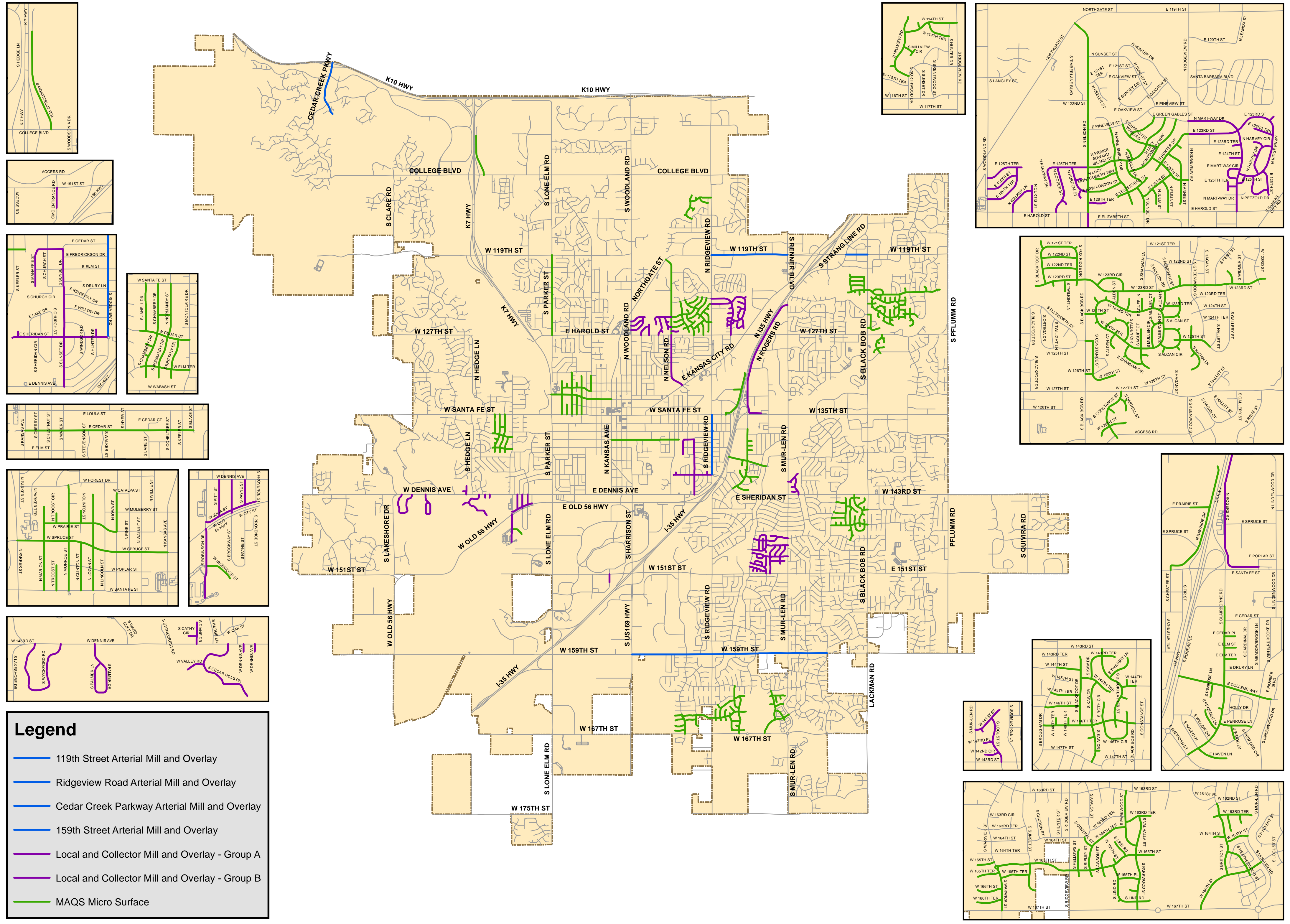
West 167th Terrace
South Kimble Street
West 157th Street
West 157th Street
West 158th Street
West 158th Street
West 158th Terrace
West 158th Place
West 158th Place
West 168th Terrace
West 168th Place
West 169th Place
West 171st Street
South Kimble Street
South Bradley Drive
South Bradley Drive
West 172nd Terrace
West 172nd Place
West 173rd Street
South Legler Road
South Conley Street
South Legler Road
South Raintree Drive
West 174th Terrace
East 155th Street
East 155th Street
East 154th Street
East 154th Street
South Tallgrass Drive
South Houston Street
South Shady Bend Road
South Greeley Street
South Red Bird Street
West 142nd Place
West 142nd Place
South Pickering Street
South Kiowa Court
West 171st Terrace
West 172nd Street
South Lichtenauer Drive
South Legler Road
South Crestone Street
South Crestone Street

Kimble to 372' East
168th Place to 167th Street
Ridgeview to Lindenwood
Lindenwood to Apache
East End Cul-de-Sac to West End Cul-de-Sac
Apache to Kenwood
East End Cul-de-Sac to West End Cul-de-Sac
Lindenwood to West End Cul-de-Sac
Lindenwood to Apache
169th Place to 169th Place
Kimble to West End Dead End
South Mur-Len to 168th Terrace
Kimble to Legler
173rd Street to 171st Street
172nd Terrace to North End Cul-de-Sac
169th Place to 168th Place
Mur-Len to East End Dead End
Kimble to West End Cul-de-Sac
Mur-Len to Legler
175th Street to 173rd Street
172nd Terrace to South End Cul-de-Sac
171st Street to South End Dead End
174th Terrace to North End Cul-de-Sac
Legler Road to East End Cul-de-Sac
155th Street to South End Cul-de-Sac
155th Street to North End Cul-de-Sac
154th Street to Southeast End Cul-de-Sac
154th Street to Northwest End Cul-de-Sac
124th Street to 123rd Terrace
143rd Street to South End Cul-de-Sac
144th Street to South End Dead End
144th Terrace to North End Cul-de-Sac
143rd Street to North End Dead End
Red Bird to Pickering
Pickering to Southwest End Dead End
Pickering to West End Cul-de-Sac
152nd Street to North End Cul-de-Sac
Legler to West End Cul-de-Sac
Legler to West End
172nd Terrace to South End
172nd Terrace to 173rd Court
Crestone Street to Race Street
112th Terrace to 113th Street

West 112th Terrace
South Race Street
West 112th Terrace
South Palisade Street
West 112th Terrace
South Legler Road
South Schweiger Drive
West 173rd Court
South Schweiger Drive
West 173rd Court
West 173rd Terrace
West 173rd Terrace
South Schweiger Drive
West 171st Terrace
South Schweiger Drive
West 172nd Street
South Schweiger Drive
West 172nd Terrace
South Schweiger Drive
South Dawson Street
South Sagebush Drive
South Crestone Street
South Lindenwood Drive
South Lindenwood Drive
South Pickering Street
South Mahaffie Circle
South Downing Street
South Downing Court
South Race Street
South Valley Circle
South Prairie Creek Road
South Aurora Street

Race Street to Crestone Street
112th Terrace to Crestone Street
Palisade Street to Race Street
112th Terrace to 113th Street
Palisade Street to Northwest End Dead End
173rd Court to South End Cul-de-Sac
173rd Court to 174 Feet North
Schweiger to East End
173rd Court to 173rd Terrace
Legler Road to Schweiger Drive
173rd Street to Brougham Drive
Brougham Drive to 172nd Terrace
171st Terrace to 95 Feet North
Schweiger Drive to 80 Feet East
171st Terrace to 172nd Street
Schweiger Drive to East End Cul-de-Sac
172nd Street to 172nd Terrace
Schweiger Drive to Brougham Drive
172nd Terrace to 116 Feet South
144th Street to South End Dead End
124th Street to South End Cul-de-Sac
College Boulevard to Race Street
Lindenwood to 159th Street
151st Street to 153rd Terrace
142nd Place to North End Dead End
151st Street to North End Cul-de-Sac
153rd Terrace to Lindenwood
Lindenwood to Southwest End Cul-de-Sac
Crestone to Southwest End Dead End
Prairie Creek to Southwest End Cul-de-Sac
124th Street to 123rd Terrace
Harold to 124th Street

2021 Street Preservation Program Location Map



Legend

- 119th Street Arterial Mill and Overlay
- Ridgeview Road Arterial Mill and Overlay
- Cedar Creek Parkway Arterial Mill and Overlay
- 159th Street Arterial Mill and Overlay
- Local and Collector Mill and Overlay - Group A
- Local and Collector Mill and Overlay - Group B
- MAQS Micro Surface

Definitions of Street Preservation Project Categories

Crack Seal and Wide Crack Patch Seal



Crack seal is a preventative maintenance process consisting of sealing the cracks in the pavement with a rubberized sealant or asphalt sealing product to prevent the moisture from penetrating into the base and subgrade material. The joint between the asphalt surface and the concrete curb and gutter is also sealed. Wide Crack Patch

Seal is used on larger cracks that have also developed minor depressions. Usually along transverse cracks that are opened to a width wider than one half inch. The wide crack material incorporates a fine aggregate material to allow filling of larger cracks and depressions.

Target streets are Good or better condition.

Crack Seal is completed by Contractors and City Street Maintenance Crews depending on the scope of the project.

Resident Impact: Minimum, street open to traffic during work.

Full-Depth Repair (FDR)

If base or subgrade failure has occurred because of severe cracks or settlements of a pavement section, that pavement section needs to be replaced or repaired full-depth (typically 8 to 10 inches) to



a condition equal to or better than the surrounding pavement sections.

Full depth repairs are completed by Contractors and City Street Maintenance Crews depending on the scope of the project.

Resident Impact: Minimum, street open to traffic during work.

Micro Surface

Micro Surface is a mixture of an asphaltic oil and water (emulsion) and crushed rock aggregate that is spread over the street at about ¼ to 3/8-inch



thickness. The micro "cures" when the water evaporates leaving only the asphalt to coat the crushed rock. The asphalt acts as a binder to hold the slurry together and bonds to the existing pavement. The Micro Surface protects the existing street surface from the effects of aging and oxidizing and increases the skid resistance. Micro Surface typically requires a crack

seal on cracks 3/16 inch and larger.

All Micro Surface Streets are crack sealed prior to surface placement. Prep work may also include a minor amount of Full Depth Repair or surface replacement areas depending upon conditions; however, Micro Surface is typically used on streets that are in good to excellent condition. In general, a Micro Surface does not extend the life cycle of the pavement; it helps preserve the remaining utility and original design life of the pavement. Micro Surface is strictly a preventative maintenance operation.

Micro Surface projects are contracted.

Resident Impact: Medium – 2 to 4-hour cure time with street completely closed to traffic.

Ultrathin Bonded Asphalt Surface (UBAS)

An Ultrathin Bonded Asphalt Surface is an overlay that consists of a single layer of hot mix asphaltic concrete (minimum of 3/4 inch thick) used to level, waterproof, and restore the original street shape and ride. Edge Milling may be utilized to maintain the surface edge at the curb and gutter. Although it is not intended to add a substantial amount of structural value to the pavement section, it is a minor structural improvement, nonetheless. All UBAS streets are crack sealed prior to surface placement. Prep work may also include small amounts of isolated Full Depth Repair.

UBAS projects are contracted.

Resident Impact: medium – 4 to 8 hours street closed to traffic until pavement is placed, compacted and cooled.

Asphalt Mill and Overlay

Asphalt Mill and Overlay is rehabilitation which typically includes less than 30% FDR, limited curb and gutter repairs, ADA required sidewalk ramp improvements and a 2" depth structural mill and overlay.



Asphalt Mill and Overlay projects are contracted. FDR Base Repair may be completed by Street Maintenance crews prior to contractor construction.

Resident Impact: medium – street remains open to residents during concrete work with access limited at times, 1 to 2 days paving requires 4 to 8 hours street closed to traffic until pavement is placed, compacted and cooled.

Mill and Overlay Major Repair

Mill and Overlay Major Repair is a rehabilitation which typically includes greater than 30% but less than 70% FDR, extensive curb and gutter replacement, and a structural asphalt overlay usually 2" or more.



Mill and Overlay Major Repair projects are contracted. FDR Base Repair may be completed by Street Maintenance crews prior to contractor construction.

Resident Impact: medium – street remains open to residents during concrete work, larger sections of FDR may require street closure at times, 1 to 2 days surface paving requires 4 to 8 hours street closed to traffic until pavement is placed, compacted and cooled.

Curb & Gutter Replacement



Concrete curb & gutter replacement if needed is completed by the contractor on all Street Preservation Asphalt Mill and Overlay projects. Curb Only Replacement Projects will usually be completed by Street Maintenance.

Resident Impact: medium – street remains open to residents during concrete work; however, access to residential drives may be limited at times.

Reconstruction

Reconstruction is the process of replacing the entire street within the existing right-of-way and consists of subgrade improvements, replacing the full depth asphalt or concrete pavement section, all the curb and gutter, storm sewer, sidewalks and ADA Sidewalk ramps. Street reconstruction can incorporate moderate changes to the street alignment, profile, cross section, and roadway width.

Resident Impact: Major, project duration varies depending on length of street. The street is usually closed to thru traffic with access provided to residents and emergency personnel only. Resident access is usually restricted during working hours and during certain construction phases.

Reconstruction projects are contracted.

