

NOTES

TO: Honorable Mayor and City Council Members

FROM: Ann E. Wall, City Manager

DATE: September 29, 2021

SUBJECT: Materials for Your Information

Please find attached the following materials for your information:

1. A memo from Lisa Kirby, Director of Engineering, regarding the 2022 Pavement Management Plan

mc

Attachments



Find yourself in good company

Memorandum

To: Ann E. Wall, City Manager
From: Lisa Kirby, PE, CFM, Director of Engineering
Date: September 29, 2021
Subject: 2022 Pavement Management Plan

Listed below are the streets that will receive Rehabilitation, Preservation and Maintenance treatments as part of the 2022 Pavement Management Plan. Please see the attached reference maps for the street locations. The 2022 Plan will include approximately 9.78 lane miles of rehabilitation (resurfacing), 6.38 lane miles of preservation (microsurfacing) and approximately 38.6 lane miles of maintenance (crack sealing).

As presented to Council in August, maintenance activities will be completed by the Public Works Department Streets Division. However, with the City's new approach to pavement management, the 2022 Plan calls for a considerable amount of crack seal to prep the roads for preservation treatments next year. As a result, the Engineering Department will be contracting out a large majority of the crack seal effort in the 2022 Plan.

The anticipated cost for these treatments, including contingency, inspection and testing, is approximately \$3,500,000. The contract documents are to be advertised for bids in October 2021 and scheduled for construction in Spring 2022.

2022 Street Rehabilitation List:

Street Name	From	To	Lane Miles
Crown Point Rd	Martinsborough Rd.	Granville Dr.	1.25
E. 4 th St.	Laurel St.	Cemetery St.	1.04
Hickory St.	E. 3 rd St.	E. 5 th St	0.39
Hill Top St.	E. 4 th St.	E. 5 th St.	0.17
Howell St.	Perkins St.	Beatty St.	1.26
Queen Annes Rd.	Martinsborough Rd.	Kenilworth Rd.	0.32
Sherwood Dr.	SE Greenville Blvd.	Aycock Dr.	0.62
Spring Forest Rd.	Spring Forest Rd (R/R-xing)	Dickinson Ave.	2.56
St. Andrews Dr.	Begin C&G N. of Dexter	SW Greenville Blvd.	0.74
W. 14 th Ave.	W. 5 th St.	Tyson St.	0.42
Wesley Rd.	Street End	Queen Annes Rd.	1.01
		Total:	9.78

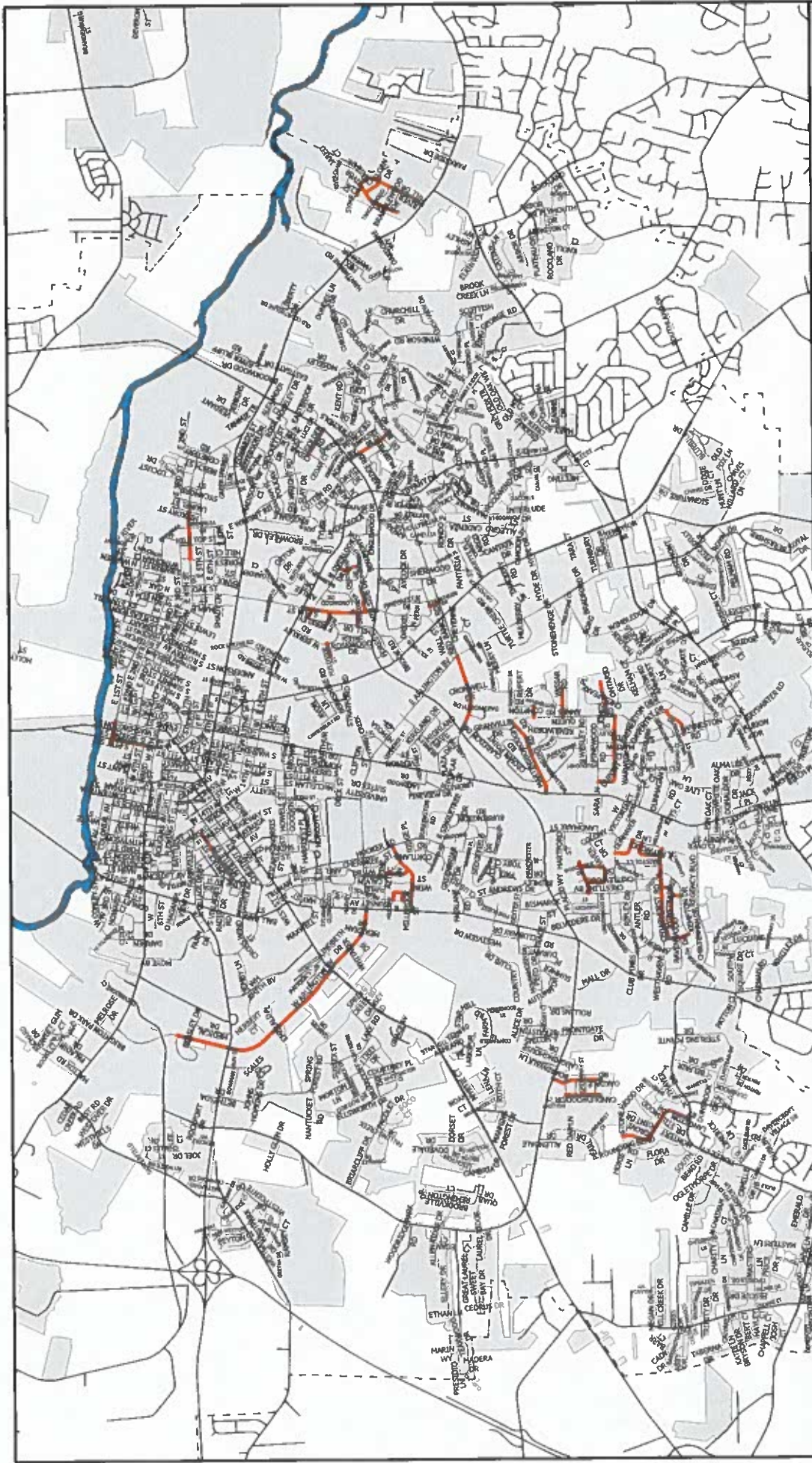
2022 Preservation List:

Street Name	From	To	Lane Miles
Brinkley Rd.	Plaza Dr.	Kirkland Dr.	0.53
Carlton St.	Highland Ave.	Plaza Dr.	0.24
Cedarhurst Rd.	Westhaven Rd.	E. Baywood Ln.	1.55
Clifton St.	Kirkland Dr.	Commerce St.	.19
Cotton St.	Slay Dr.	E. Wright Rd.	.21
Highland Ave.	Brinkley Rd.	SE Greenville Blvd.	.66
Kimberley Dr.	Kirkland Dr.	Highland Ave.	.55
Kirkland Dr.	Evans St.	SE Greenville Blvd.	1.44
Pinkney Dr.	Crestline Blvd.	Cedarhurst Rd.	.14
Slay Dr.	Ragsdale Rd.	E. Wright Rd.	.59
Vernon St.	Kirkland Dr.	Heritage St.	.29
		Total:	6.38

2022 Maintenance List:

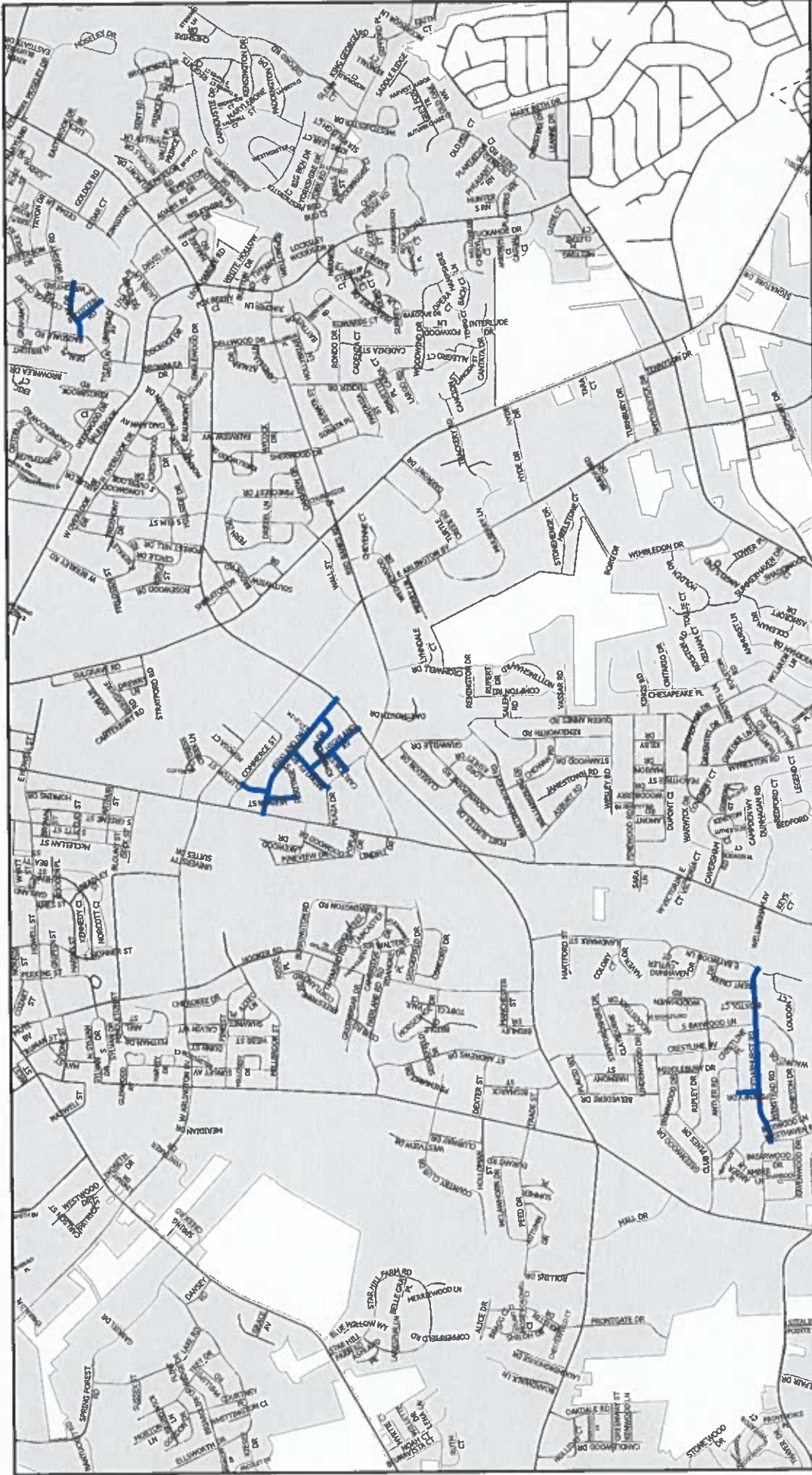
Street Name	From	To	Lane Miles
Adams Blvd.	SE Greenville Blvd.	Bloomsbury Rd.	0.79
Bent Creek Dr.	E. Baywood Ln.	Cedarhurst	.41
Calvin Way	W. Arlington Blvd.	Pine St.	.43
Candlewood Dr.	Holliday Ct.	Street End	.68
Cedarhurst Rd.	Westhaven Rd.	E. Baywood Ln.	1.55
Churchside Dr.	Oakview Dr.	Red Banks Rd.	.20
Dunhaven Dr.	E. Baywood Ln.	E. Baywood Ln.	.53
Dupont Cl.	Pinewood Rd.	Queen Annes Rd.	1.61
E. 4 th St.	Forest Hill Cl.	Hickory St.	.84
Fieldside St.	Street End	W. Berkley Rd.	.17
Golden Rd.	Cedar Ln.	Golden Rd.	.57
Hillcrest Dr.	Sunset Ave.	Sunset Ave.	.31
Hillside Dr.	S. Elm St.	Street End	.31
Kings Rd.	Queen Annes Rd.	Street End.	.46
Langston Blvd.	Street End.	Thomas Langston Rd.	1.67
Martinsbough Rd.	Evans St.	Queen Annes Rd.	1.62
Millbrook St.	S. Memorial Dr.	Hooker Rd.	1.43
Oakdale Rd.	SW Greenville Blvd.	Street End.	.98
Oaklawn Ave.	N. Overlook Dr.	Evergreen Dr.	.39
Red Banks Rd.	SE Greenville Blvd.	E. Arlington Blvd.	2.65
River Hill Dr.	Street End	E. 10 th St.	2.38
S. Elm St.	E. 14 th St.	SE Greenville Blvd.	2.48
S. Overlook Dr.	Forest Hill Dr.	S. Elm St.	.17
S. Pitt St.	W. 1 st St.	W. 5 th St.	.58
Salem Rd.	Queen Annes Rd.	Compton Rd.	.23
Shawnee Pl.	Pine St.	Millbrook St.	.50
Sloan Dr.	River Hill Dr.	River Hill Dr.	.37
Spruce St.	Line Ave.	Raleigh Ave.	1.32
Staffordshire Dr.	Crestline Blvd.	Street End	.65
Syme Cl.	Street End	River Hill Dr.	.20
Treemont Dr.	E. Berkley Rd.	S. Elm St.	.22
Vassar Rd.	Queen Annes Rd.	Street End.	.54
W. 1 st St.	Street End	S. Washington St.	.69
W. Arlington Blvd.	Beasley Dr.	Hooker Rd.	7.71
W. Overlook Dr.	Street End.	S. Elm St.	.12
Wallingford Rd.	Wyneston Rd.	Daventry Dr.	.61
Walnut Dr.	Cedarhurst Rd.	Kempton Dr.	.46
Westhaven Rd.	Cedarhurst Rd.	Kempton Dr.	.41
Winstead Rd.	Boxwood Ln.	Walnut Dr.	.66
Woodstock Dr.	Staffordshire Dr.	Staffordshire Dr.	1.10
		Total:	38.62

cc: Lynn Raynor, PE, Civil Engineer III
 Kevin Leigh, PLS, Asset Manager



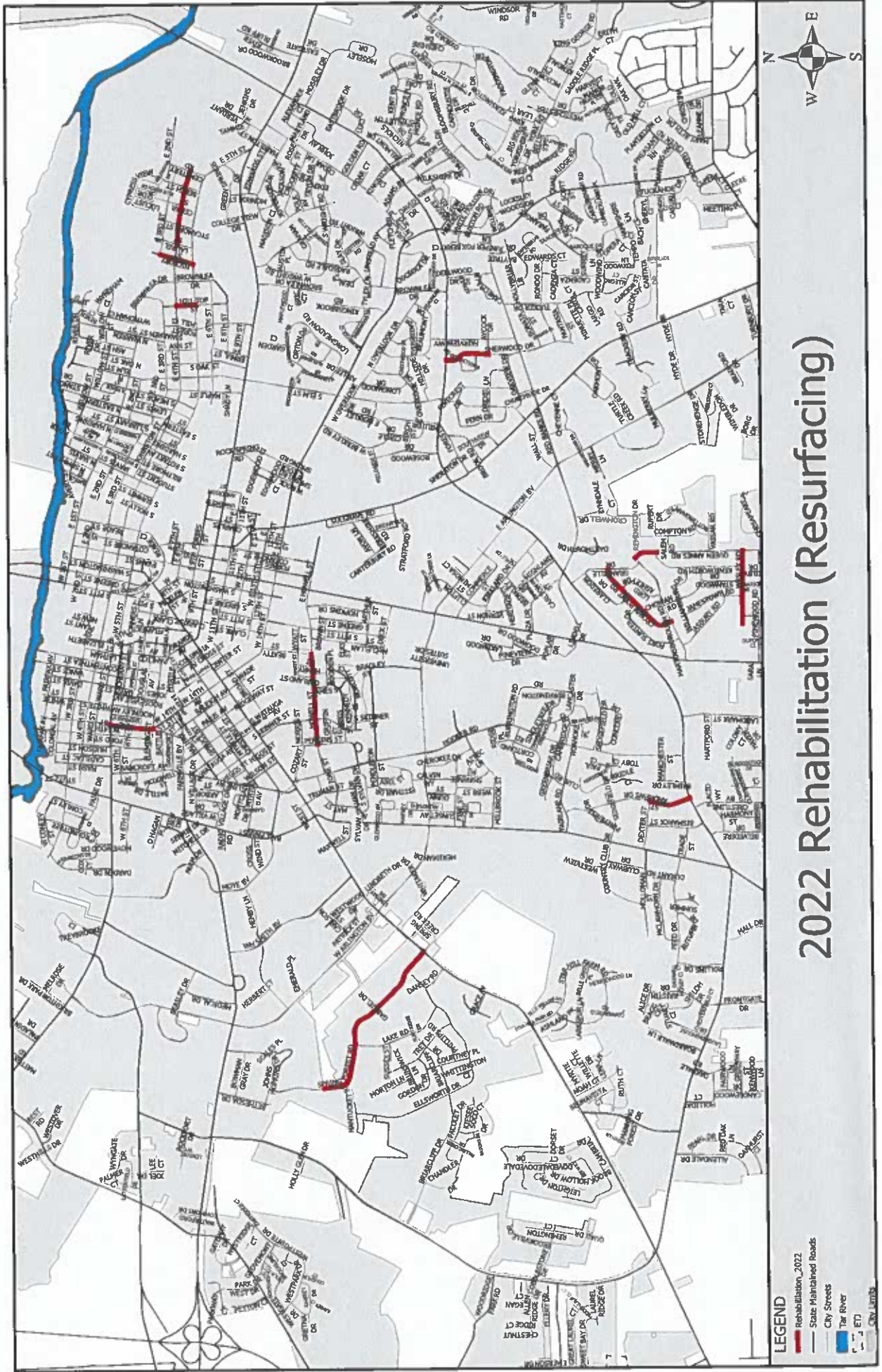
2022 Maintenance (Crack Sealing)

- Maintenance_2022_Contracted
- City Streets
- State Maintained Roads
- Tiber River
- City Limits



2022 Preservation (Microsurfacing)

- LEGEND**
- Preservation_2022
 - State Maintained Roads
 - City Streets
 - Tar River
 - EIT



2022 Rehabilitation (Resurfacing)

- LEGEND**
- Rehabilitation_2022
 - State Maintained Roads
 - City Streets
 - █ Tar River
 - - - ETD