



Budget

***Pavement Preservation
Program***

City of Fayetteville	=	95 sq. mi
Street System	=	1,185 mi
City	=	747 mi – 63%
NCDOT	=	293 mi – 25%
Private	=	145 mi – 12%

2020 Powell Bill Funds	\$4.979M
FY22 Pavement Preservation	\$6.575M (Includes \$2M Add)

Link to Completed and Proposed Repaving by District
<https://fayettevillenc.gov/city-services/public-services/resources/projects>

- ❖ The City previously utilized a “worst first” approach to its resurfacing program and only resurfaced the lowest-rated streets, similar to most other municipalities
 - This approach would not permit the City to reach its pavement condition goal of “75/75” – 75% of street network to have a Pavement Condition Rating (PCR) of 75 or greater
 - Continuing this approach would result in a steady decline in the overall pavement condition of the City’s street network
- ❖ In 2020, City Council approved a forward-thinking approach of Pavement Preservation, a combination of pavement resurfacing and surface treatment

*“Worst First” is not good asset management”
- Federal Highway Administration*

FY22 Funding Allocation, \$6.575M:

❖ Combination of Mill/Resurface and Surface Treatment (75/25 \$ Split)

- 75% Mill/Resurface
 - 16 mi
- 25% Surface Treatment
 - 31 mi
- Total Pavement Preservation
 - 47 mi

vs.

❖ Mill/Resurface Only

- Total Pavement Preservation
 - 21 mi

* Based on current market prices



Hay Street Mill/Resurface

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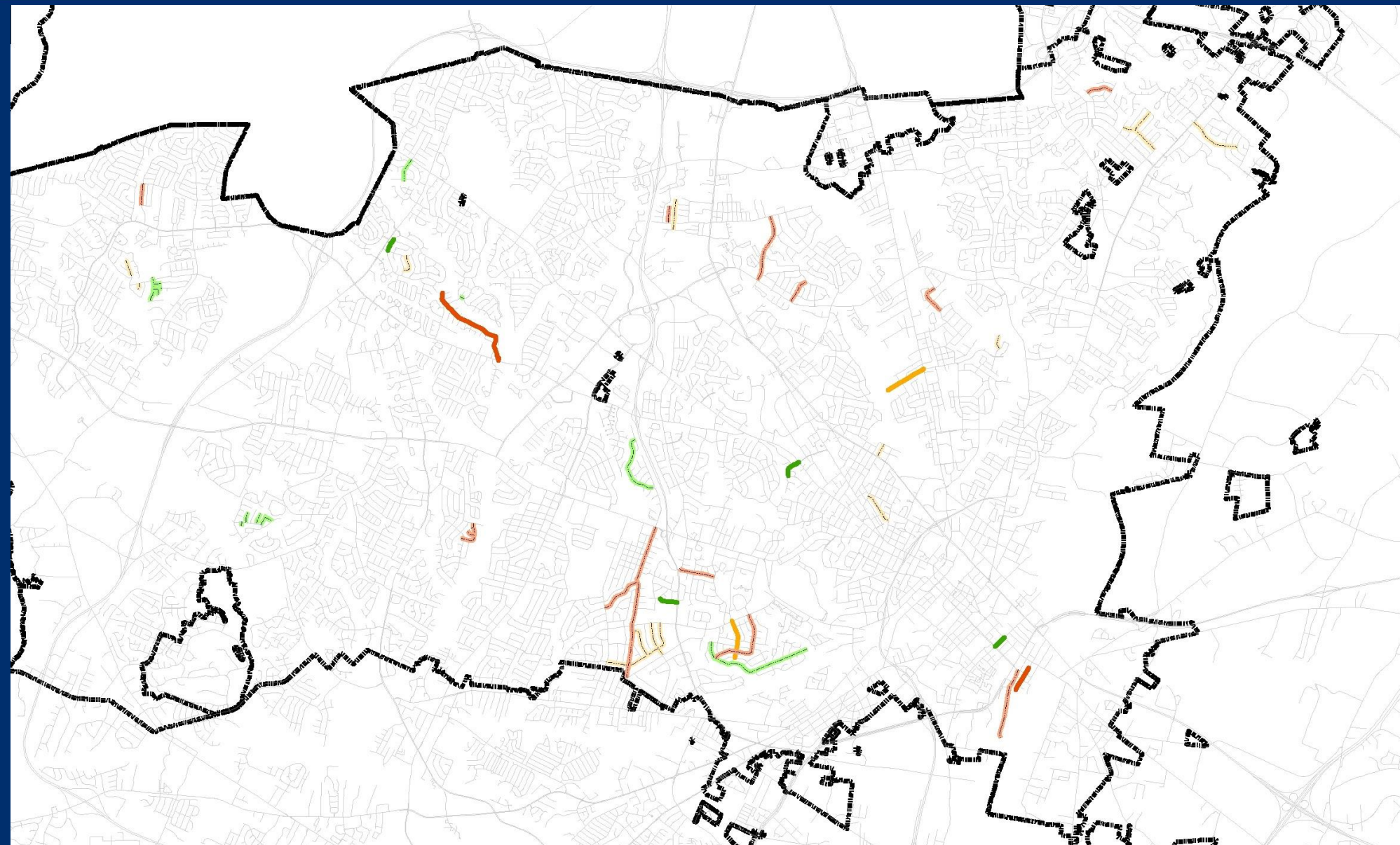
* Based on current market prices



Before Surface Treatment



After Surface Treatment



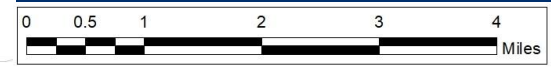
Legend

Year / Phase / Treatment (Qty)

- 2022 / Ph 1 / MILLING & RESURFACE (4)
- 2022 / Ph 1 / RESURFACE (13)
- 2022 / Ph 2 / MILLING & RESURFACE (2)
- 2022 / Ph 2 / RESURFACE (14)
- 2022 / Ph 3 / MILLING & RESURFACE (2)
- 2022 / Ph 3 / RESURFACE (14)

City Boundary

- Streets



City Streets = 747 mi
FY22 Pavement Preservation = 47 mi / \$6.575M (Includes \$2M Addition)

Based on 75/25 Split of Typical Funding Level (\$4.5M Present Value):

- ✓ Total Street Cycle = 24 years
 - Surface Treatment = 504 mi, PCR of 75 or Greater
 - Mill/Resurface = 264 mi, PCR of 90 or Greater
- ✓ City Streets Network = 75 PCR Minimum

40-Year Projection, 75/25 Split of Typical Funding Level (\$4.5M Present Value):

- ✓ Surface Treatment = 840 mi, treat entire City street network +
- ✓ Mill/Resurface = 440 mi, resurface 59% of City street network

“It was not our wealth that made our highways possible; rather it was our highways that made our wealth possible.”
– Thomas MacDonald, head of Federal Highway Administration’s predecessor agencies



 **FAYETTEVILLE** ^{NC}
AMERICA'S CAN DO CITY

FayettevilleNC.gov

Proposed Revision Resurface Various Streets, 2022 - Phase I

Proposed Milling & Resurfacing Streets

STREET	FROM	TO	LENGTH	WIDTH	PCR
OLD WILMINGTON ROAD	PERSON STREET	RUSSELL STREET	773	32	58
MELROSE ROAD	MEDICAL DRIVE	OWEN DRIVE	1068	38	56-57
RYAN STREET	BALDOON DRIVE	BALDOON DRIVE	9792	33	62-65
S. CHURCHILL DRIVE	WESTDALE DRIVE	MORGANTON ROAD	885	32	58-61

Length **12518**
Mileage **2.37**

Proposed Resurfacing Streets

STREET	FROM	TO	LENGTH	WIDTH	PCR
BAHAMA LOOP	OFFING DRIVE	GEORGETOWN CIR	1788	34	48-65
GOLF DR	MORGANTON ROAD	DEAD END	1412	32	62-65
FERNCREEK DRIVE	HUNTSFIELD ROAD	WEAVERHALL DR	4389	30	64-66
COLGATE DRIVE	DARTMOUTH DR	CUL-DE-SAC	6917	34	58-65
BUGLE CALL DR	DEERTROT RD	DEAD END	1400	27	63-69
LEEDS COURT	SUDBURY DRIVE	CUL-DE-SAC	269	26	58
CARNFORTH COURT	SUDBURY DRIVE	CUL-DE-SAC	669	26	63
CHARTLEY DRIVE	SUDBURY DRIVE	CUL-DE-SAC	655	24	62-65
FLINT DRIVE	CHARTLEY DRIVE	APPLEWHITE ROAD	460	26	61
SANDFIELD COURT	SUDBURY DRIVE	CUL-DE-SAC	632	26	60
JUDY DRIVE	BUGLE CALL DR	8424 JUDY DR	405	26	63
FRENCHHORN LN	BUGLE CALL DR	8424 FRENCHHORN LN	493	26	60
FOXHOUND CT	FRENCHHORN LN	CUL-DE-SAC	243	27	65

Length **19732**
Mileage **3.74**

Total Length **32250**
Total Mileage **6.11**

*** A street on the list may change to another year due to Funding, Construction and/or Utility Improvements being performed prior to street resurfacing.

Proposed Resurface Various Streets, 2022 - Phase II					
Proposed Milling & Resurfacing Streets					
STREET	FROM	TO	LENGTH	WIDTH	PCR
PENNSYLVANIA AVENUE	MURCHISON ROAD	DEAD END	2398	33	60-67
PURDUE DRIVE	VILLAGE DRIVE	ELMHURST DRIVE	2260	32	55-65
			Length	4658	
			Mileage	0.88	
Proposed Resurfacing Streets					
STREET	FROM	TO	LENGTH	WIDTH	PCR
GREENLAND DR.	BRAGG BLVD.	BELVEDERE AVE.	786	22	50-61
GENERAL LEE AVE.	WESTMONT DR.	OAKRIDGE AVE	1907	32	60-64
MORLEY DR	BALDOON DR	ATWELL DR	1165	24	50
FIELDCREST DR	FERRELL DR.	DEAD END	1812	20	55-68
KENWOOD DR.	ARBOR RD	COOPER RD	2309	26	63-67
MARYLAND DR	KENWOOD DR	RODWELL RD	1365	27	64
BESSEMER CIR	CORRINNA ST	CUL-DE-SAC	704	25	65
CONOVER DRIVE	VILLAGE DRIVE	FARGO DRIVE	1686	33	64
FARGO DRIVE	VILLAGE DRIVE	BOONE TRAIL	2035	30	64
MADISON AVENUE	FARGO DRIVE	IRELAND DRIVE	3336	32	60-65
FABER STREET	ROXIE AVENUE	MADISON AVENUE	1840	33	62
KINLAW ROAD	RAMSEY STREET	WALDWICK ROAD	3203	33	58-65
GROUSE RUN LN	8805 GROUSE RUN LN	DEAD END	1201	26	62-65
OLD HUNT PL	ENGLISHSADDLE DR	CUL-DE-SAC	278	27	64
			Length	23627	
			Mileage	4.47	
			Total Length	28285	
			Total Mileage	5.36	

*** A street on the list may change to another year due to Funding, Construction and/or

Proposed Resurface Various Streets, 2022 - Phase III Upon Funding Approval

Proposed Milling & Resurfacing Streets

STREET	FROM	TO	PCR
WATERS EDGE	CLIFFDALE RD	DEAD END	63
S RACEPATH DR	DEAD END	CUL-DE-SAC	60

Proposed Resurfacing Streets

STREET	FROM	TO	PCR
SOUTH KING ST	E RUSSELL ST	DEAD END	68
FORDHAM DR	VILLAGE DR	COLGATE DR	61-75
SOURWOOD DR	LAKECREST DR	VESTAL AVE	54-69
ROXIE AVE	RAEFORD RD	BOONE TRAIL	65
MARTINDALE DR	IRELAND DR	ROXIE AVE	65
PLAYER AVE	OWEN DR	MARLBOROUGH RD	64
GALVESTON DR	DASHLAND DR	DEAD END	57
REMINGTON RD	FLATROCK DR	WATERBURY DR	51
		Total Mileage:	6.5
BEAVER RUN DR	ELKHORN DR	FLINTWOOD RD	61
BLANTON RD	JOHNSON ST	PAMALEE DR	65
NUTLEY DR	PAMALEE DR	TRYON DR	50-68
CARNSMORE DR	BLAIRWOOD DR	CUL-DE-SAC	61
BASHFORD CT	CARNSMORE DR	CUL-DE-SAC	59
EDERTON CT	CARNSMORE DR	CUL-DE-SAC	60
		Total Mileage:	2.52
		Total Mileage:	9.02

**Completed Street Resurfacing
2008 Through 2021 Phase I**

Legend

- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018
- 2019
- 2020
- 2021 Phase I

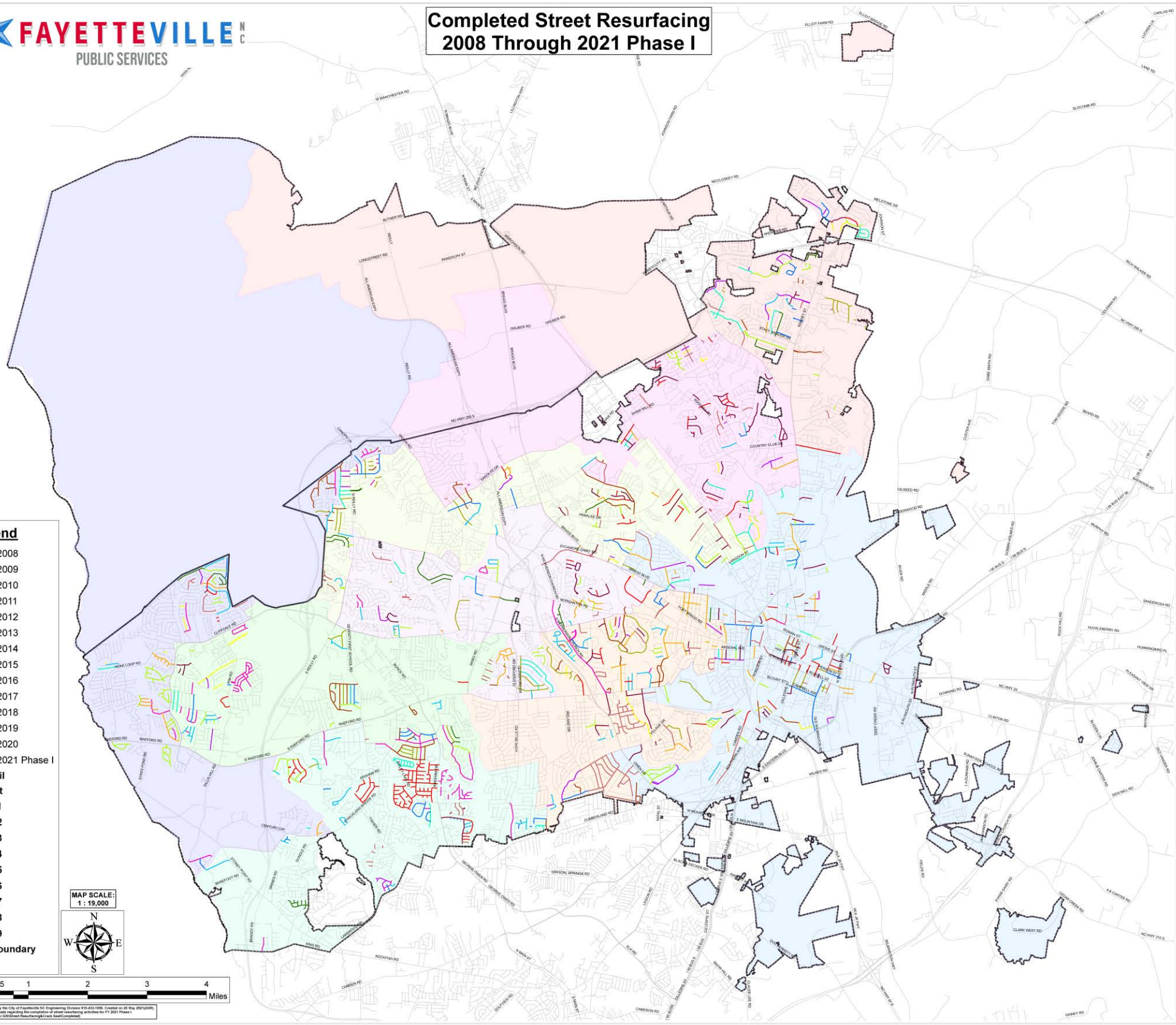
Council District

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9

City Boundary

MAP SCALE:
1 : 19,000

0 0.5 1 2 3 4 Miles



This map is issued by the City of Fayetteville NC Engineering Division 970-633-5586. Created on 20 May 2021 (JRM). Assumptions were made regarding the completion of street resurfacing activities for FY 2021 Phase I. (Map Location: C:\GIS\GISResurfacing\Council DistrictsCompleted)