

Roads Update

11/17/25

Ryan McReynolds, Deputy City Manager

Michael Thompson, Public Works Director

Tim Elsea, Assistant Public Works Director

the city of kingsport



- **Program Goal**
 - **Manage a Data Driven Resurfacing Effort that maintains streets on a 20-25 year cycle.**
 1. **Objective Assessment**
 - LIDAR measurement of defects
 - 3rd assessment since 2016
 2. **Transparent Paving Plan**
 - www.pavekingsport.com
- **Aligns with 2025 City of Kingsport Strategic Plan**
 - **Focus Area: Sustainable Infrastructure**
 - **Priority: Roadway maintenance**



- **Transparent Paving Plan**

- **Data Driven**

- Objective vs. Subjective

- **Blended Approach**

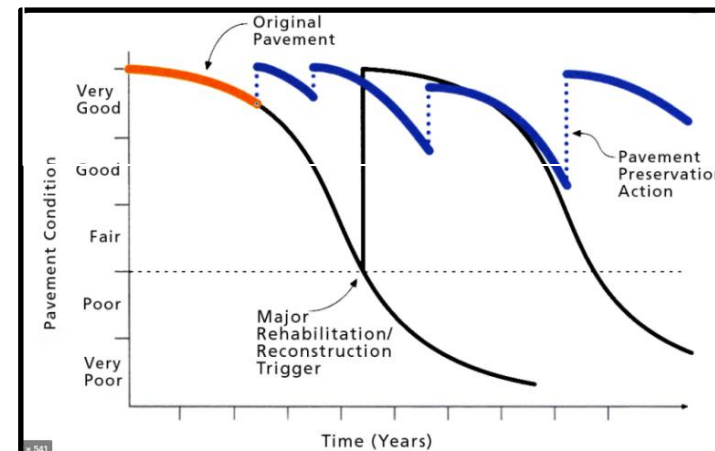
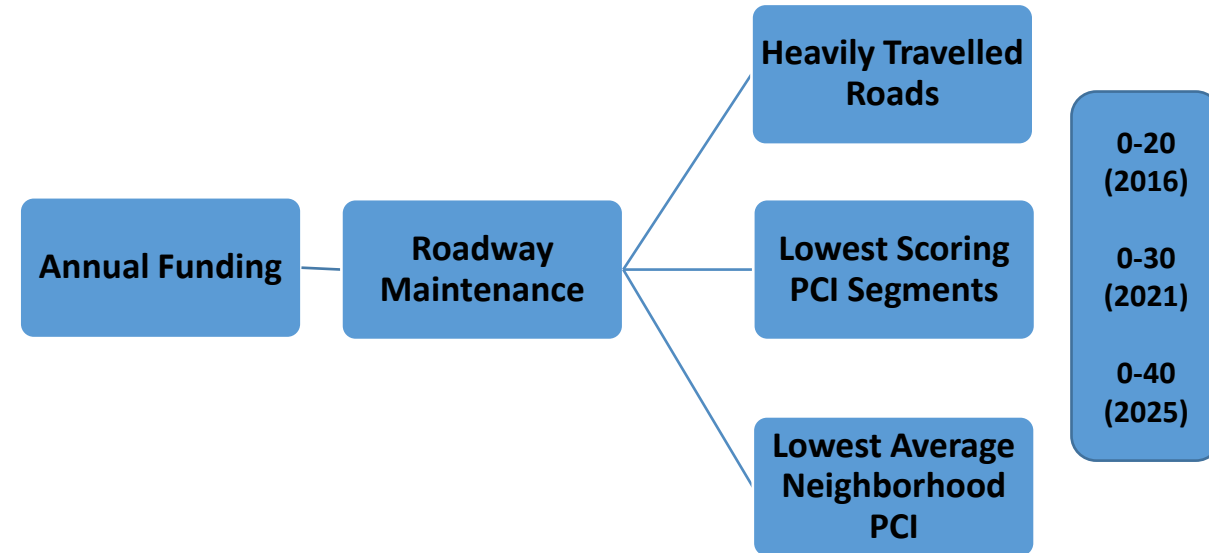
- Neighborhoods
 - Lowest Scoring PCI Street Segments
 - Main Roads

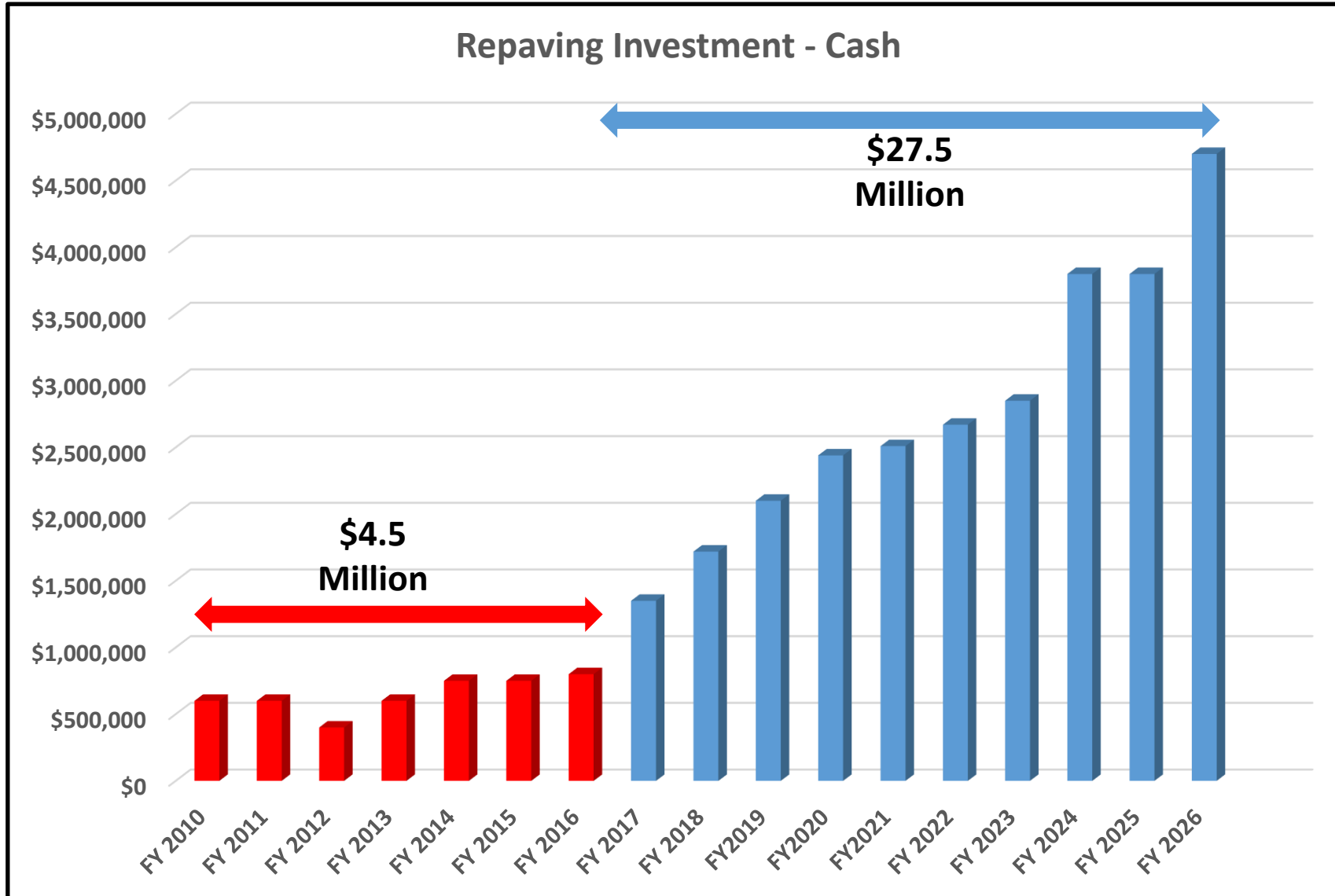
- **Maintenance Toolbelt**

- Repave
 - Renew
 - Protect

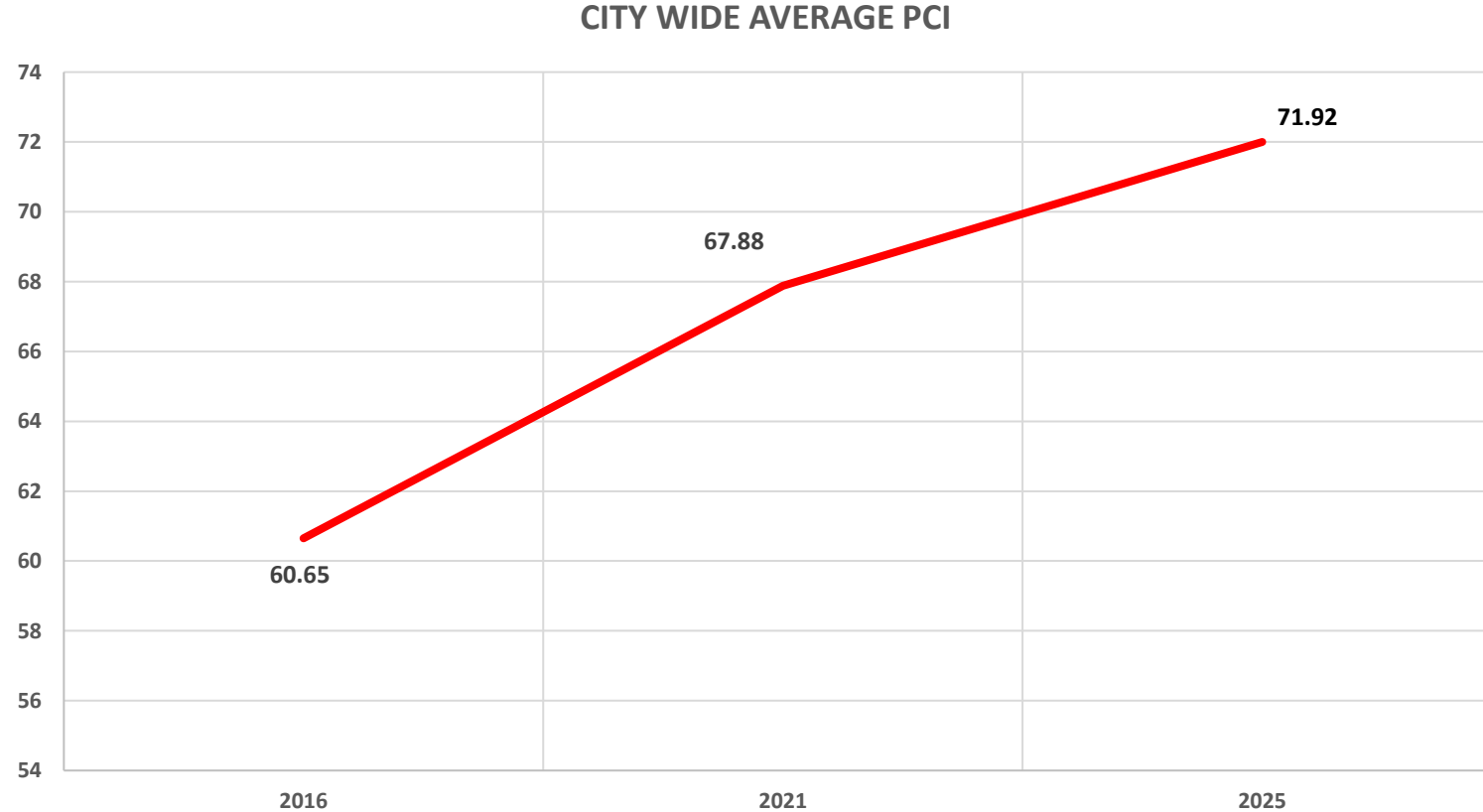
- **Kingsport's Program**

- Scope is to Prolong Resurfacing
 - Base Repairs / Utilities
 - Asphalt Overlaid Concrete





- **Program Outcomes**
 - **Manage a Data Driven Resurfacing Effort that maintains streets on a 20-25 year cycle.**



CITY ROADWAY NETWORK PCI SCORE BREAKDOWN								
YEAR	(86-100)	(71-85)	(56-70)	(41-55)	(26-40)	(11-25)	(0-10)	OVERALL NETWORK PCI
2025	27.87%	34.39%	19.43%	8.28%	8.43%	1.59%	0.01%	71.92
2021	25.19%	25.3%	21.16%	15.13%	10.64%	2.55%	0.03%	67.88
2016	21.44%	17.93%	18.55%	20.46%	15.11%	6.02%	0.49%	60.65
Percent Change from 2016 to 2025	6.43%	16.46%	0.88%	-12.18%	-6.68%	-4.43%	-0.48%	Network PCI increase from 2016 to 2025 is
Description	Good	Satisfactory	Fair	Poor	Very Poor	Serious	Failed	11.27

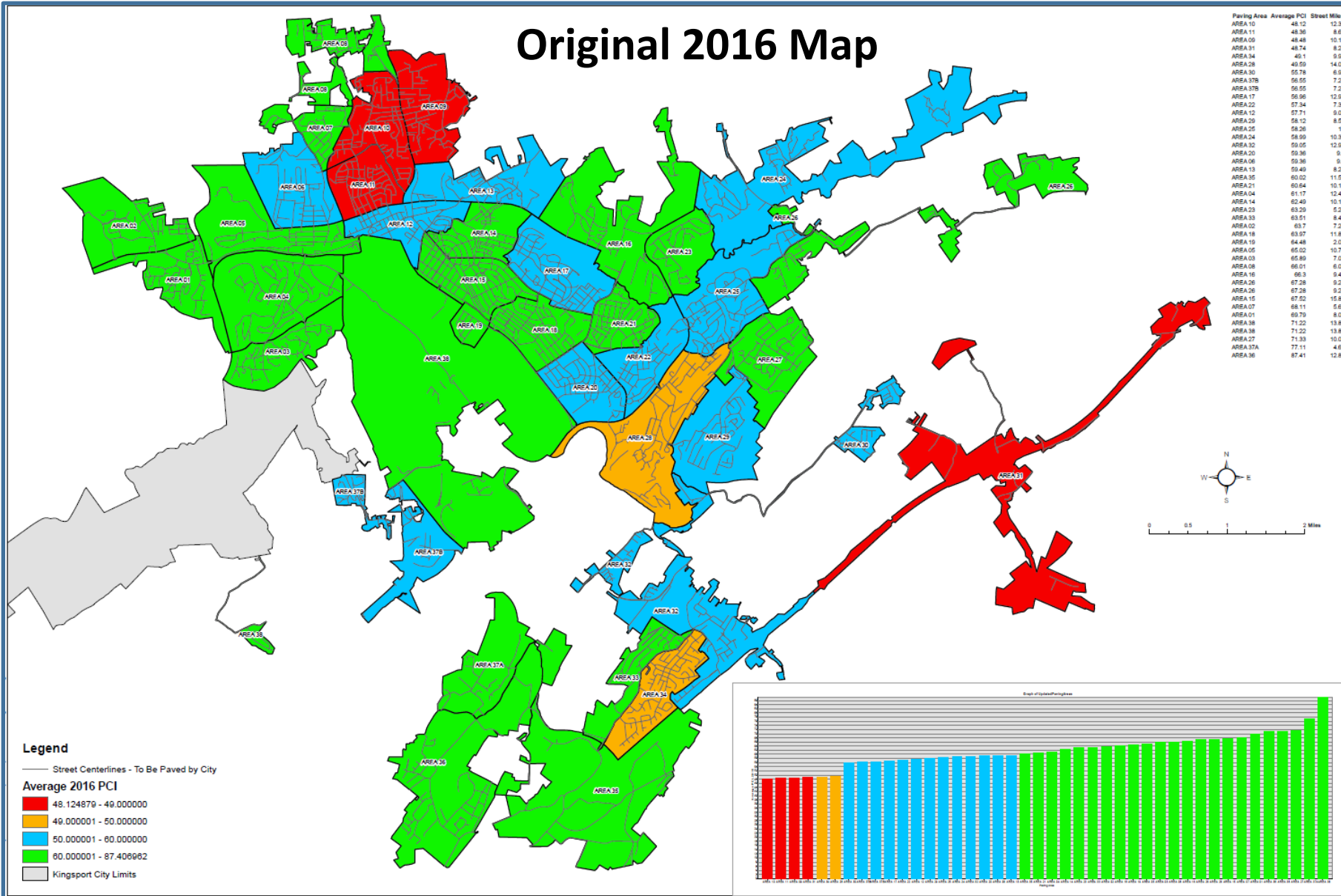
Desired Increase
2016 to 2025 net 22.89 increase

Desired Decrease
2016 to 2025 net 23.77 decrease

Pave Kingsport – “Granularity”



Original 2016 Map

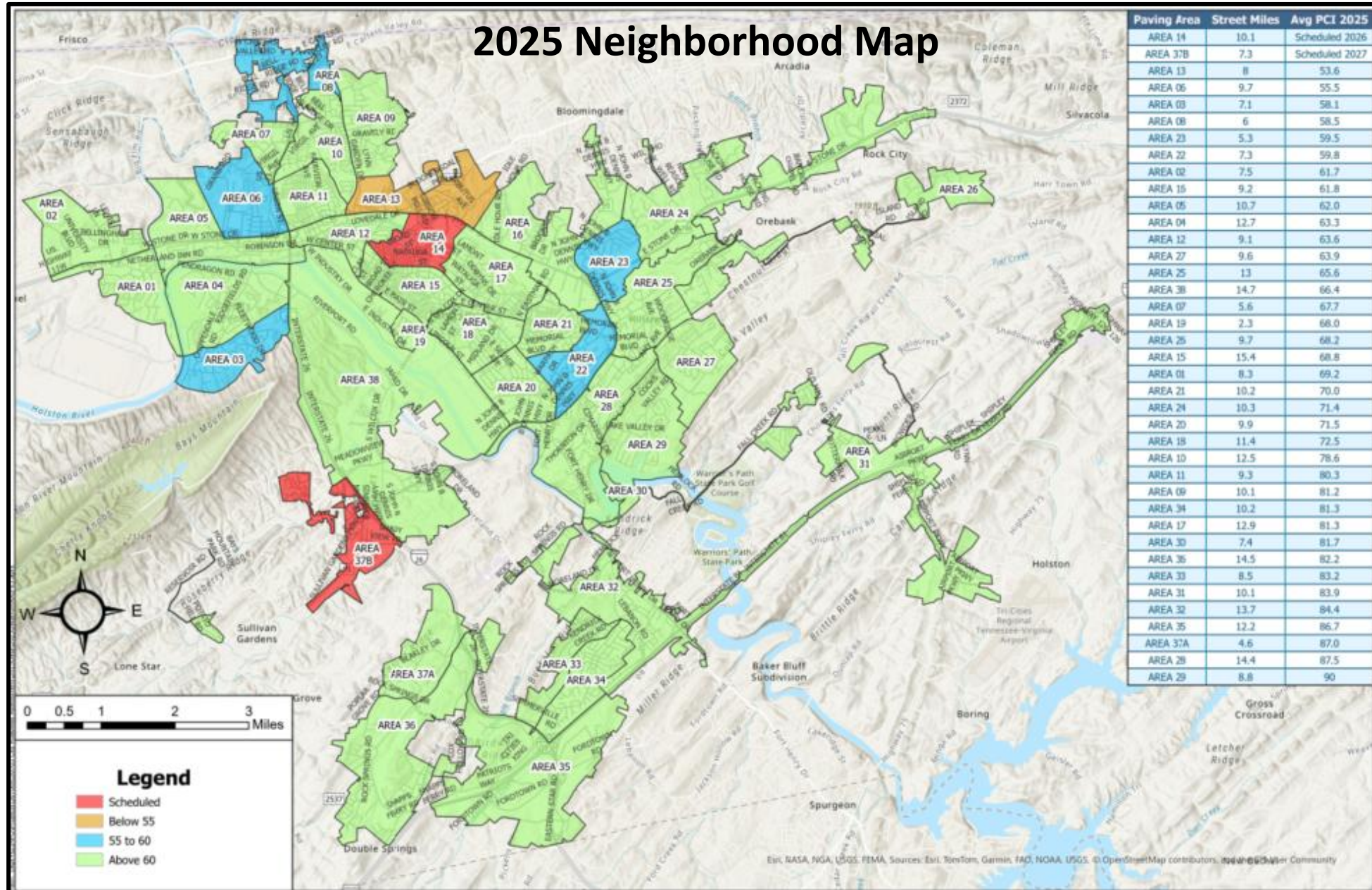


Paving Area	Average PCI	Street Miles
AREA 10	48.12	12.36
AREA 11	48.36	8.65
AREA 09	48.48	10.12
AREA 31	48.74	8.22
AREA 34	49.1	9.93
AREA 28	49.59	14.05
AREA 30	55.78	6.99
AREA 37B	56.55	7.21
AREA 37B	56.55	7.21
AREA 17	56.96	12.91
AREA 22	57.34	7.31
AREA 12	57.71	9.09
AREA 29	58.12	8.59
AREA 25	58.26	13
AREA 24	58.99	10.38
AREA 32	59.05	12.99
AREA 20	59.36	9.9
AREA 06	59.36	9.6
AREA 12	59.40	8.28

Average 2016 PCI	
	48.124879 - 49.000000
	49.000001 - 50.000000
	50.000001 - 60.000000
	60.000001 - 87.406962
	Kingsport City Limits

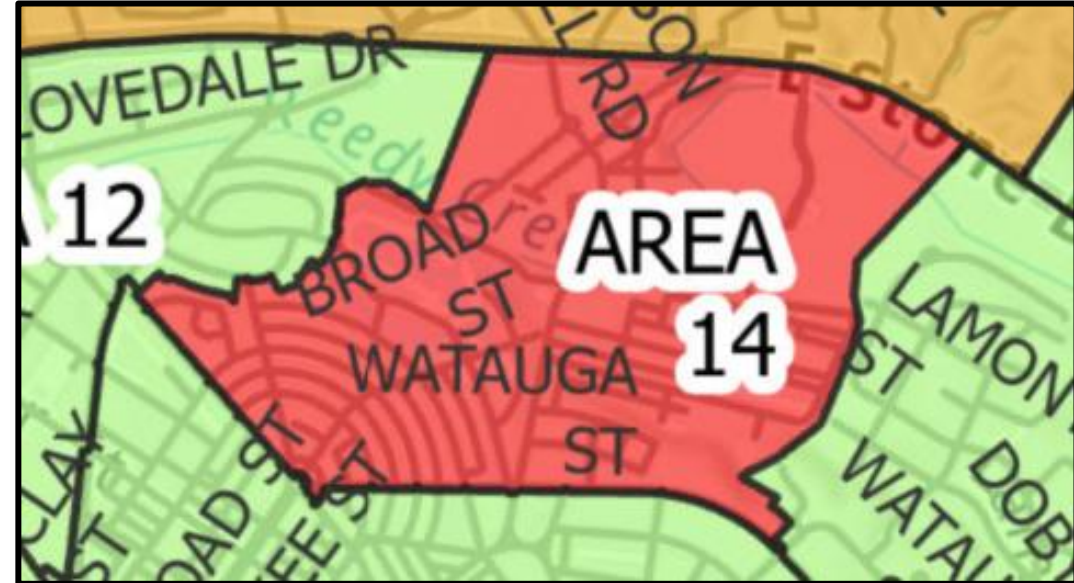
Pave Kingsport

2025 Neighborhood Map



Pave Kingsport – 2026 Area Wide Paving

Paving Area	Street Miles	Avg PCI 2025
AREA 14	10.1	Scheduled 2026
AREA 37B	7.3	Scheduled 2027
AREA 13	8	53.6
AREA 06	9.7	55.5
AREA 03	7.1	58.1
AREA 08	6	58.5
AREA 23	5.3	59.5

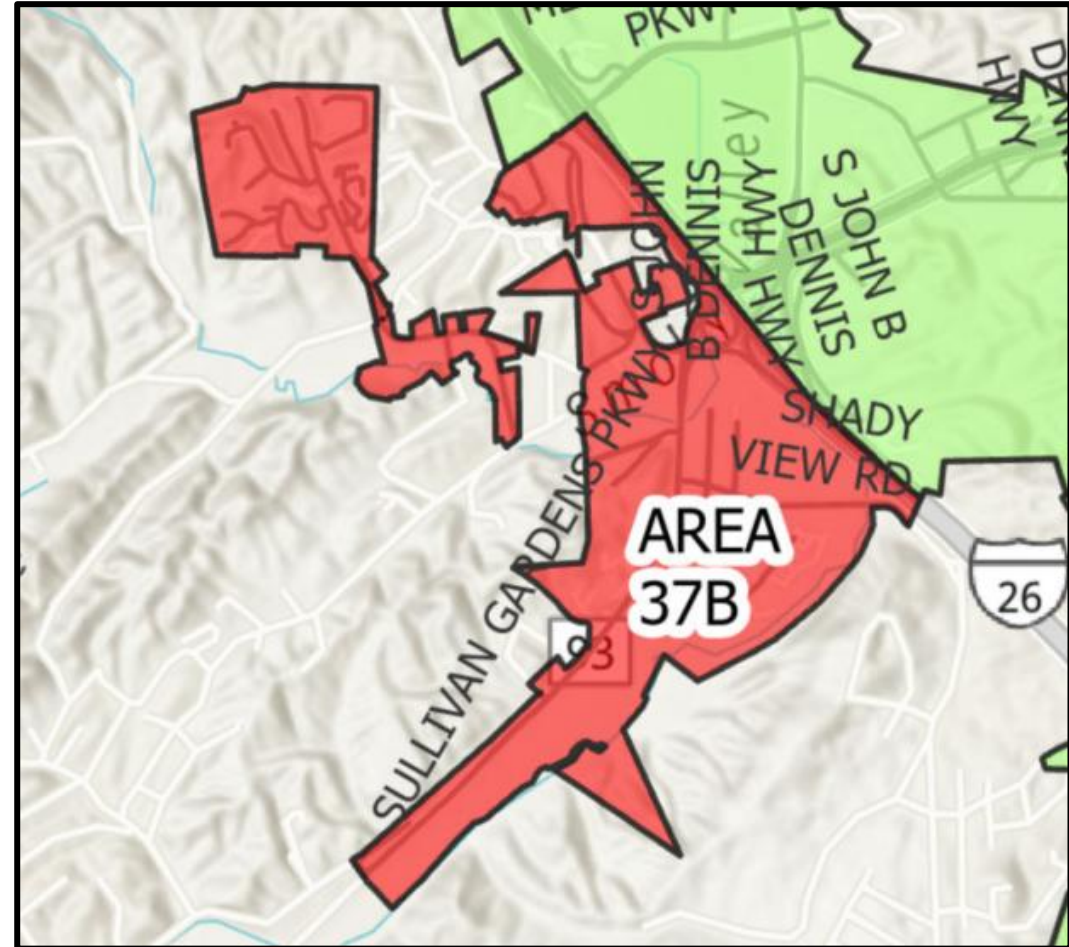


Neighborhood Priority #1
Area 14 – Gibson Mill, Holston,
Ravine, Watauga, W. Sevier

Pave Kingsport – 2027 Area Wide Paving

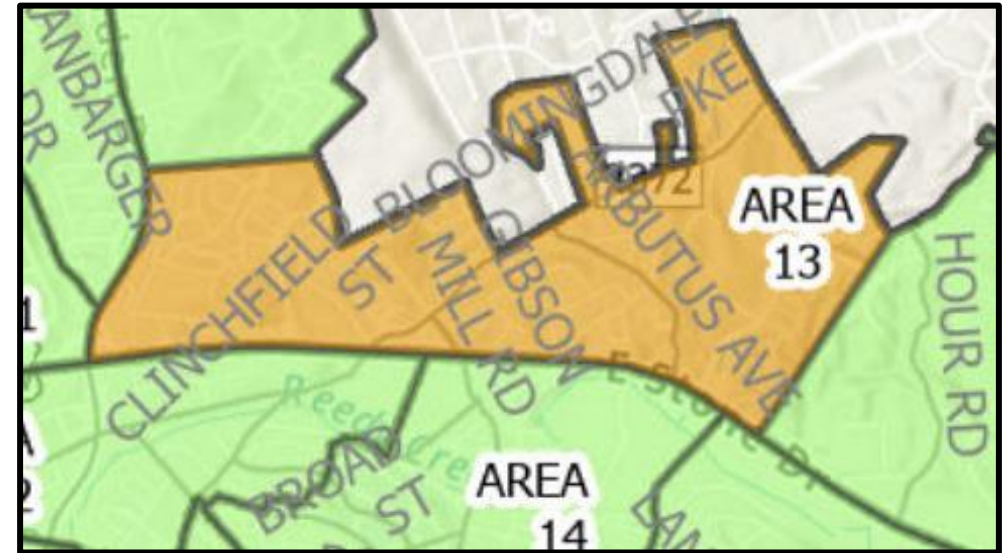
Paving Area	Street Miles	Avg PCI 2025
AREA 14	10.1	Scheduled 2026
AREA 37B	7.3	Scheduled 2027
AREA 13	8	53.6
AREA 06	9.7	55.5
AREA 03	7.1	58.1
AREA 08	6	58.5
AREA 23	5.3	59.5

Neighborhood Priority #2
Area 37B – New Moore,
Princeton, Regional Park



Pave Kingsport – 2028 Area Wide Paving

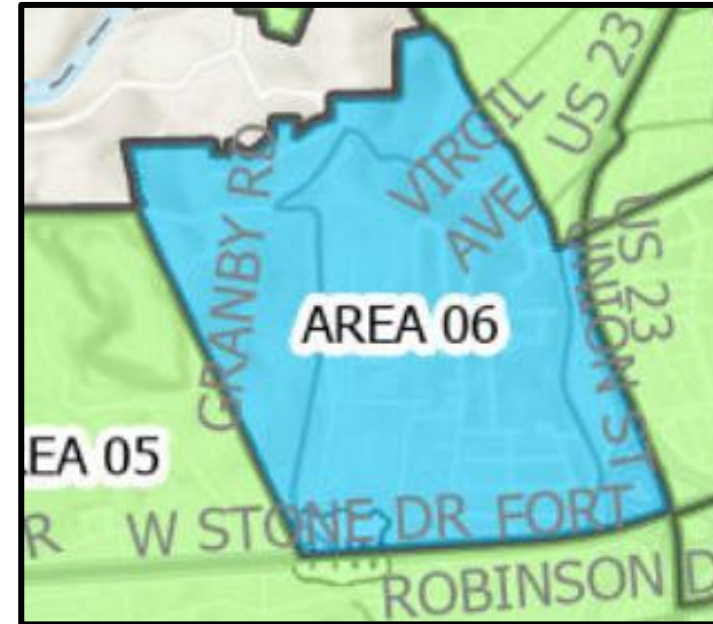
Paving Area	Street Miles	Avg PCI 2025
AREA 14	10.1	Scheduled 2026
AREA 37B	7.3	Scheduled 2027
AREA 13	8	53.6
AREA 06	9.7	55.5
AREA 03	7.1	58.1
AREA 08	6	58.5
AREA 23	5.3	59.5



Neighborhood Priority #3
Area 13 – Arbutus, Bloomingdale,
Teasel, Truxton

Pave Kingsport – 2029 Area Wide Paving

Paving Area	Street Miles	Avg PCI 2025
AREA 14	10.1	Scheduled 2026
AREA 37B	7.3	Scheduled 2027
AREA 13	8	53.6
AREA 06	9.7	55.5
AREA 03	7.1	58.1
AREA 08	6	58.5
AREA 23	5.3	59.5

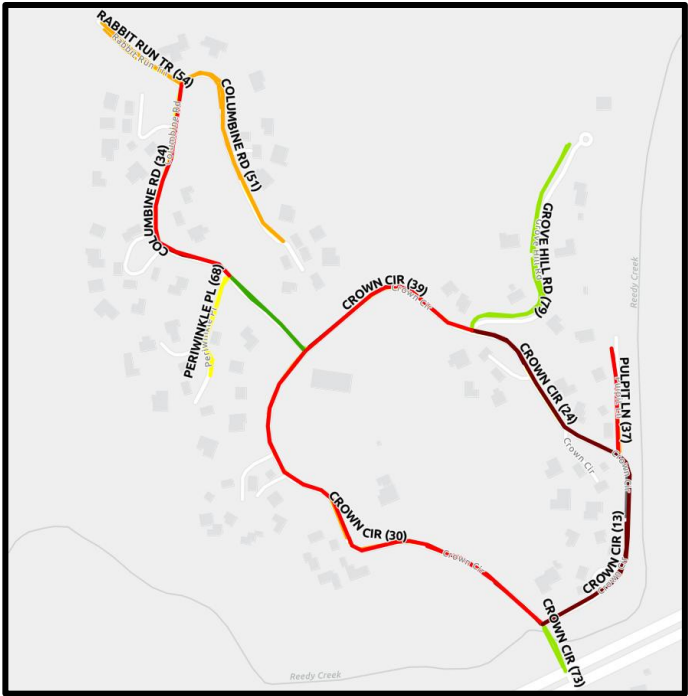
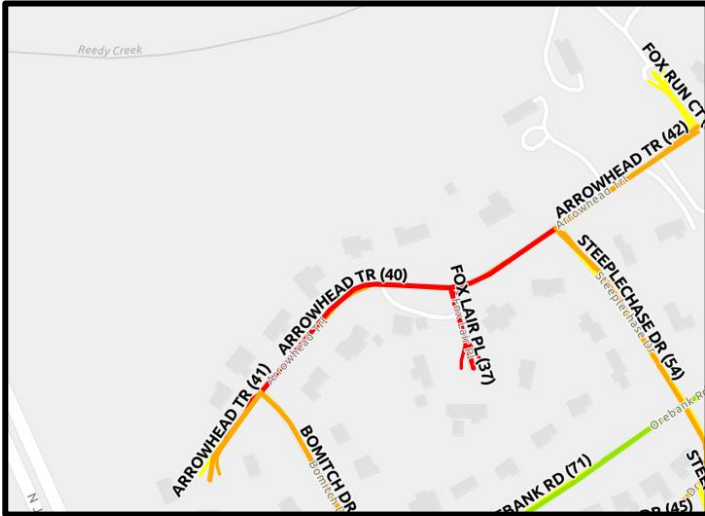
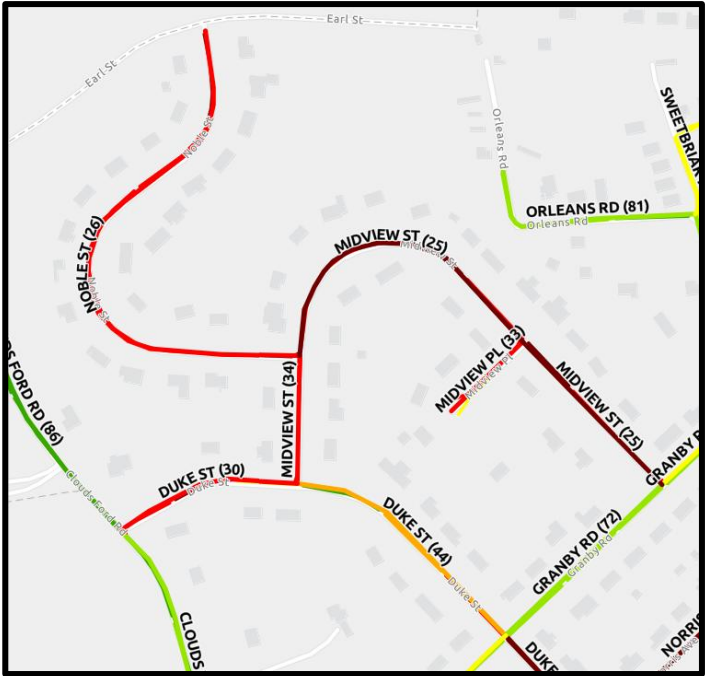


Neighborhood Priority #4
Area 6 – Afton, Granby, Union

Pave Kingsport – 2027 “Worst First Paving”



Worst First (0-40 PCI) Priority #1

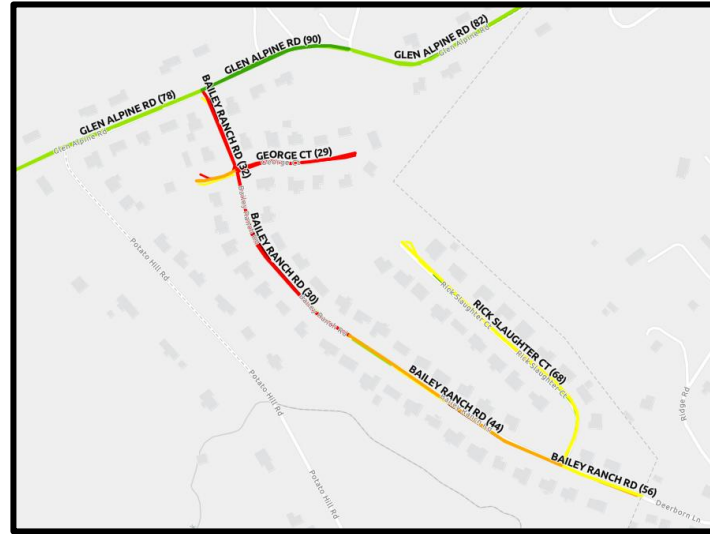


AREA	AVG PCI (0-40)	MILES
7	27.07	0.84
16	28.01	1.22
30	28.75	0.44
21	28.85	0.39
24	28.88	1.28
2	29.85	1.77
25	29.89	1.99
		7.93

Pave Kingsport – 2028 “Worst First Paving”

Worst First (0-40 PCI) Priority #2

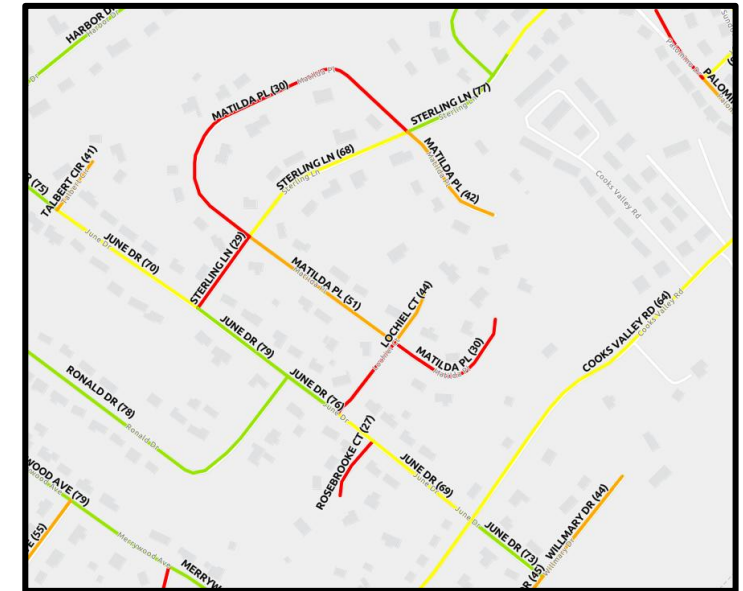
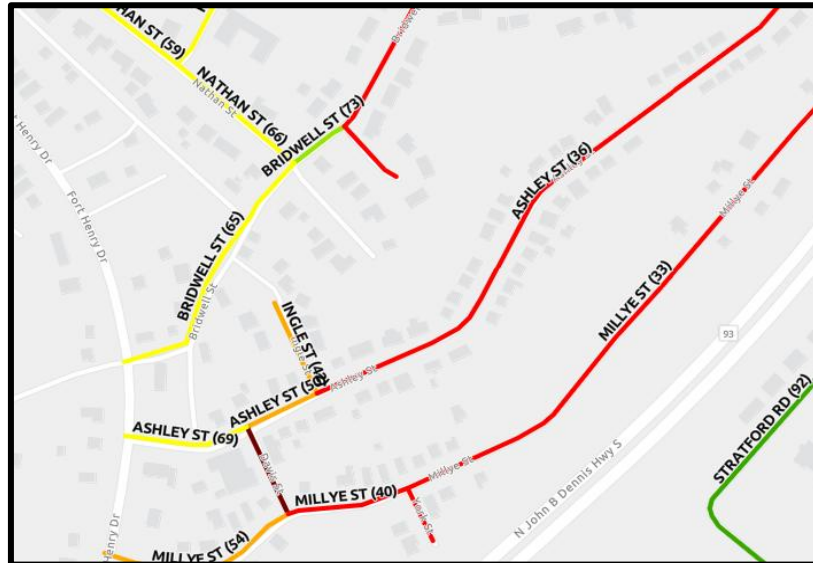
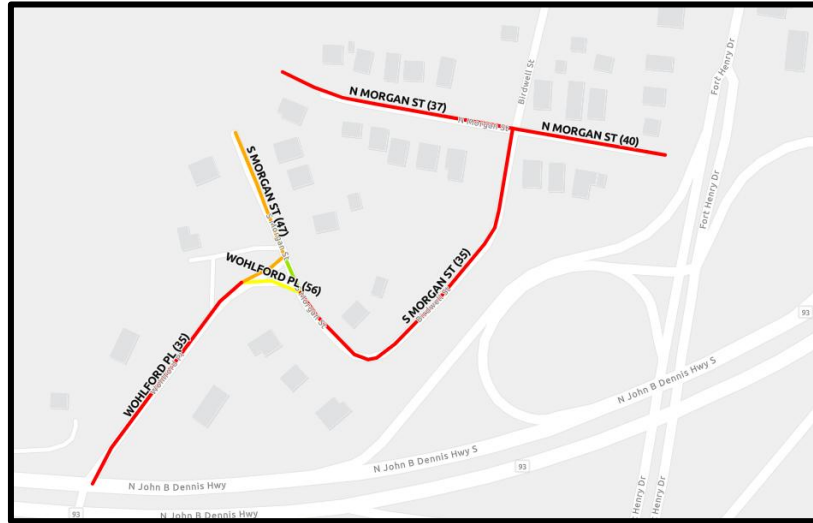
AREA	AVG PCI (0-40)	MILES
5	30.05	1.66
23	30.34	1.17
19	30.47	0.17
32	30.5	0.1
38	30.96	0.76
8	31.21	0.52
3	31.31	1.06
31	32	0.05
1	32.02	1.83
26	32.31	0.39
		7.71



Pave Kingsport – 2029 “Worst First Paving”

Worst First (0-40 PCI) Priority #3

AREA	AVG PCI (0-40)	MILES
27	32.32	1.34
20	32.32	0.76
18	32.67	0.54
12	32.77	0.6
15	33	0.87
22	33.34	1.77
4	34.03	2.17
		8.05



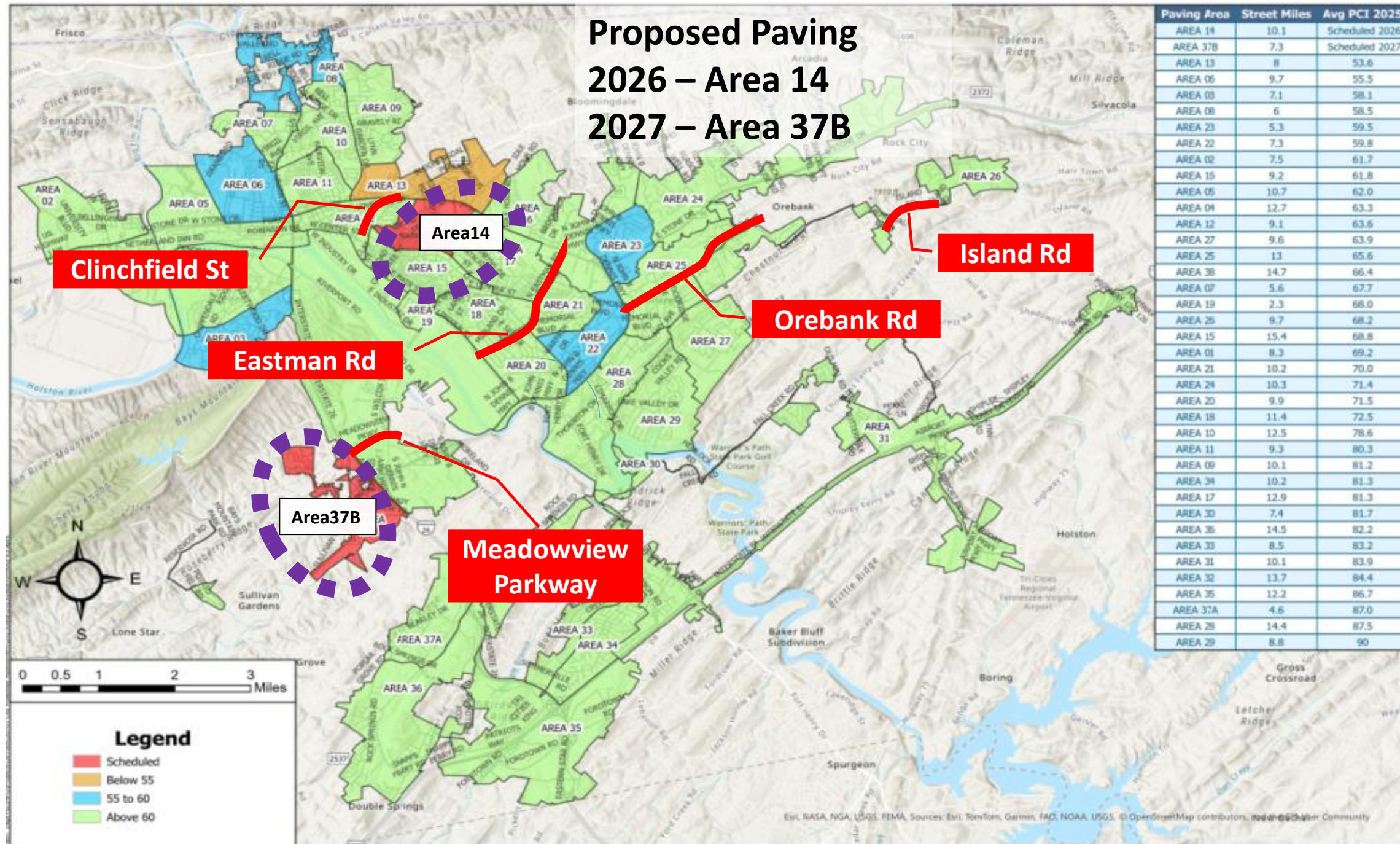
MTPO PAVING

- Eastman Road/Clinchfield Street (2026 estimate)
- Island Road (2026 estimate)
- Meadowview Parkway – (2027 estimate)
- Orebank - (2029 estimate)

2026 TDOT PAVING

- I-81 from I-26 to SR-357 (Airport Parkway)
- I-26 from Welcome Center to SR-1 (Stone Drive)

Proposed Paving 2026 – Area 14 2027 – Area 37B



- Clinchfield Street over G.B. – Design Underway; Construction 2026
- Mitchell Road – Design Underway; Construction 2026
- Fordtown Road – Design Underway; Construction 2027
- Eastman Road over Lincoln – Funding in upcoming bond to start design
- Netherland Inn Road – Funding in upcoming bond to start design

TDOT Bridge projects

- Fort Robinson replacement – ROW underway; Construction 2027
- SR93 (John B. Dennis) over CSX RR replacement - Design underway; Construction 2027
- SR 1 (W. Stone Drive) over N. Holston rehab – Design consultant selection underway; Construction 2028

Brickyard Pedestrian Bridge – Design Underway, Construction 2027



- Eastman Road / Jack White Drive intersection upgrades – re-aligning left-turn lanes, improved radii, and extended northbound left-turn lane – Construction 2026.

TDOT Managed:

- State Industrial Access (SIA) Road – New roadway from Riverport Rd. (near Horse Creek) to near Aquatics Center, Fall 2026 start.
- Memorial Blvd. (State Route 126) from Center Street to near Briarwood – Construction start 2026 (4yr const.)
- I-26 Rockfall Mitigation – rockfall prevention mat installation section of I-26 on Bays Mountain where previous slide occurred; Construction Spring 2026