

Proclamation

Constitution Week 2024

WHEREAS: September 17, 2024, marks the two hundred and thirty-seventh anniversary of the drafting of the Constitution of the United States of America by the Constitutional Convention; and

WHEREAS: It is fitting and proper to accord official recognition to this magnificent document and its memorable anniversary; and to the patriotic celebrations which will commemorate the occasion; and

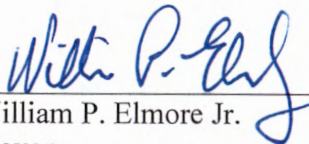
WHEREAS: Public Law 915 guarantees the issuing of a proclamation each year by the President of the United States of America designating September 17th through 23rd as Constitution Week.

NOW, THEREFORE I, William P. Elmore, Jr., by virtue of the authority vested in me as Mayor of the City of Dunn, North Carolina, do hereby proclaim the week of September 17th through 23rd as

Constitution Week

in the City of Dunn and ask our residents to reaffirm the ideals of the framers that the constitution had in 1787 by vigilantly protecting the freedoms guaranteed to us through this guardian of our liberties, remembering that lost rights may never be regained.

So proclaimed this the 10th day of September, 2024.



William P. Elmore Jr.
Mayor

ATTEST:



Melissa R. Matti, CMC
City Clerk

RESOLUTION TO ACCEPT FUNDS FROM THE DRINKING WATER STATE REVOLVING FUND

WHEREAS, on April 11, 2023, the City Council of the City of Dunn, North Carolina, authorized staff to submit a grant application to the North Carolina Division of Water Infrastructure (NCDWI) for a lead service line inventory; and,

WHEREAS, the City of Dunn received a letter from the North Carolina Division of Environmental Quality, Division of Water Infrastructure (NCDEQ/DWI) dated October 20, 2023, approving a Lead Service Line Replacement project as eligible to receive a total funding amount of a \$500,000 loan from the Drinking Water State Revolving Fund (DWSRF) Bipartisan Infrastructure Law (BIL) Lead Service Line Replacement Funds; and,

WHEREAS, on August 22, 2024, the City of Dunn received a funding offer from the NCDEQ/DWI, formally approving the funding assistance referenced in the October 20, 2023, letter; and,

WHEREAS, the terms of the loan funding allows for sixty percent, up to a maximum of \$300,000, to be forgiven and the remainder repayable at zero percent interest; and,

WHEREAS, the completion of this inventory must occur before October 1, 2024,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNN:

That the City of Dunn does hereby accept the DWSRF BIL loan funding of \$500,000; and,

That the City of Dunn does hereby give assurance to the NCDWI that any Conditions or Assurances contained in the Funding offer and Acceptance award offer will be adhered to and that the City has substantially complied, or will substantially comply, with all federal, State of North Carolina (State), and local laws, rules, regulations, and ordinances applicable to the project; and to federal and State grant and loan terms pertaining thereto; and,

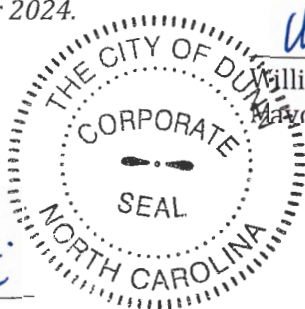
That the City Manager, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with this project; to make the assurances as contained above; and to execute such other documents as may be required by the North Carolina Department of Environmental Quality, Division of Water Infrastructure.

Adopted this 10th day of September 2024.

ATTEST:

Melissa R. Matti

Melissa Matti
City Clerk



William P. Elmore Jr.

William P. Elmore Jr.
Mayor

PAVEMENT TREATMENTS

City of Dunn
September, 10, 2024

(ATTACH#3)
09-10-2024

TRANSYSTEMS

2021 CITYWIDE PCS RECAP



2021 DUNN RESULTS: PCI

PCI Category	PCI Range	Class A Streets			Total Street System		
		# of Sections	Length (miles)	% of Miles	# of Sections	Length (miles)	% of Miles
Excellent	100 to 90	23	2.01	3%	23	2.01	3%
Good	89 to 70	216	17.27	26%	216	17.27	26%
Fair	69 to 45	484	44.18	67%	484	44.18	67%
Poor	44 to 20	22	2.27	3%	22	2.27	3%
Failed	<20	4	0.39	1%	4	0.39	1%
TOTALS		749	66.11	100%	749	66.11	100%

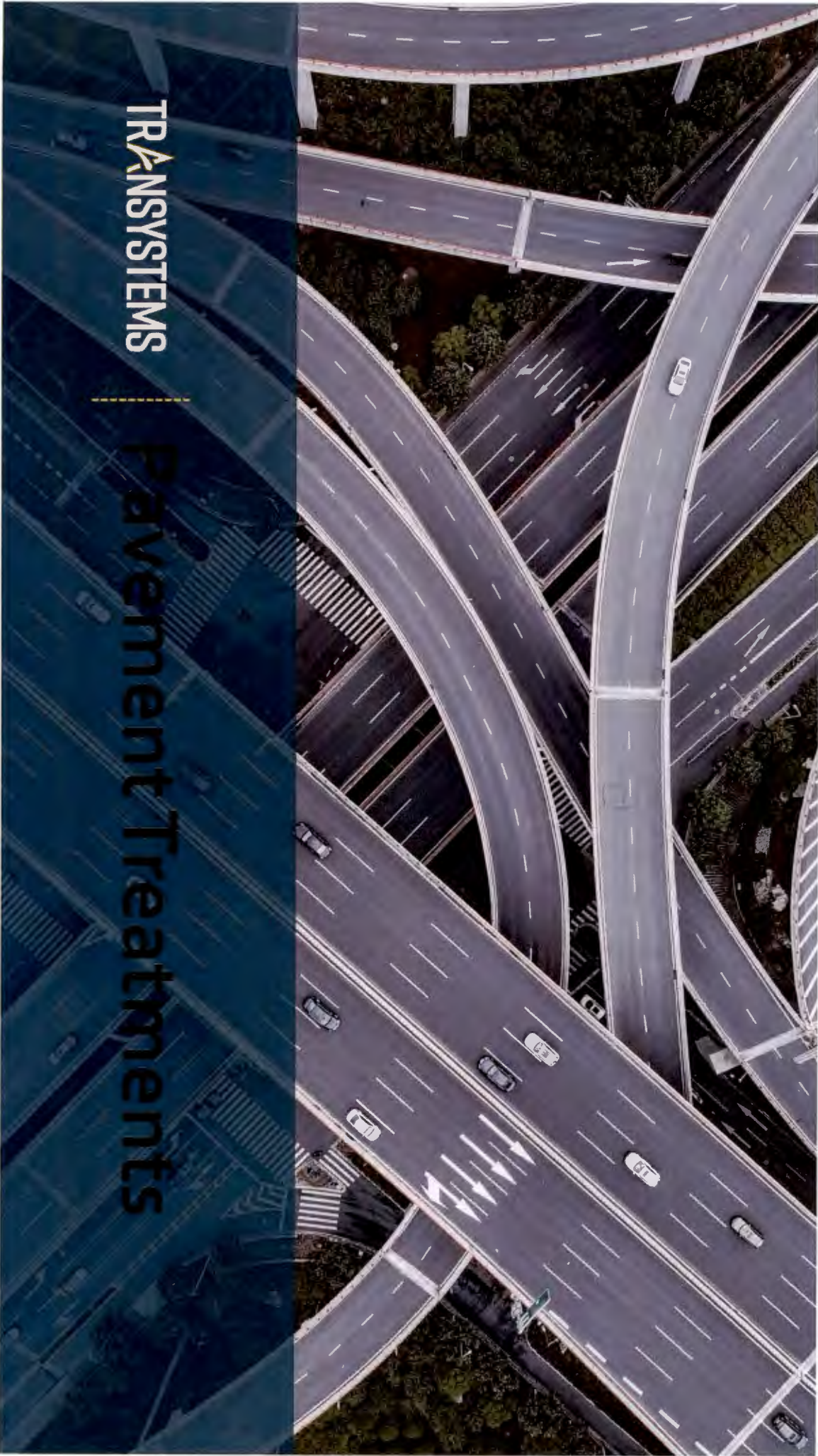
Overall PCI = 65



Fair to Good (PCI = 69-57): 21.66 mi or 33%
 Fair to Poor (PCI = 56.9-45): 22.44 mi or 34%

DUNN RESULTS: M & R Backlog

ESTIMATED NETWORK MAINTENANCE & REPAIR COST				
TREATMENT	Study Roads			
	# of Sections	Miles	SqYds	Cost
Crack Seal	516	44.10		\$220,215
Surface Patching	369	-	45,534.17	\$1,984,809
Full Depth Patching	97	-	11,221.15	\$1,122,107
Preservation	238	18.10		\$1,024,817
Minor Rehabilitation	468	38.72		\$8,443,202
Major Rehabilitation	73	6.92		\$2,798,607
Totals				\$15,593,757



TRANSYSTEMS

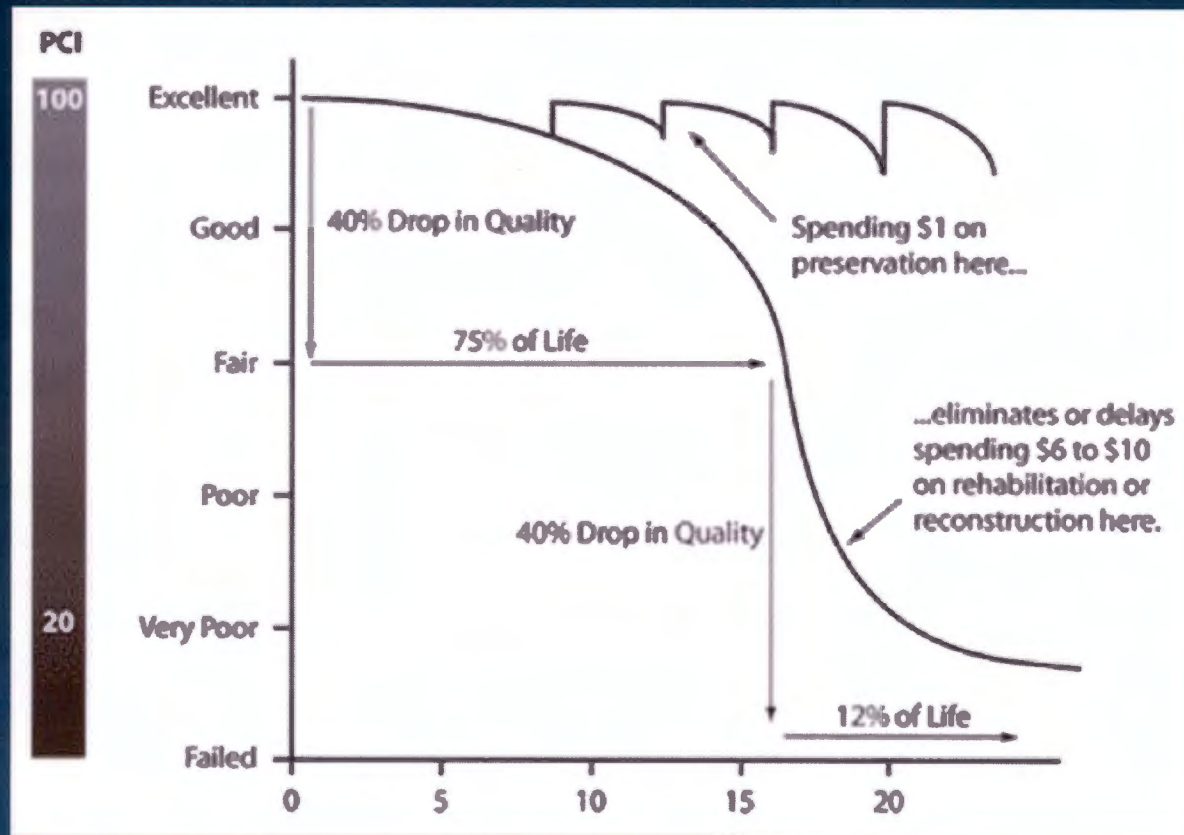
Pavement Treatments

Pavement Treatments

PCI CATEGORIES		MAINTENANCE TIER	REPAIR TYPES
100-90	Excellent	Do Nothing	None
89-70	Good	Preservation	Crack Seals, Surface Patching, AST Treatments
69-45	Fair	Minor Rehabilitation	Patching plus AST Treatments or Asphalt Overlays
44-20	Poor	Major Rehabilitation	Significant Street Repairs Plus Asphalt Overlays
<20	Failed	Reconstruction	Reconstruction Varies after Evaluating the Individual Street Failure Types

Maintenance Treatment Matrix

Pavement Deterioration



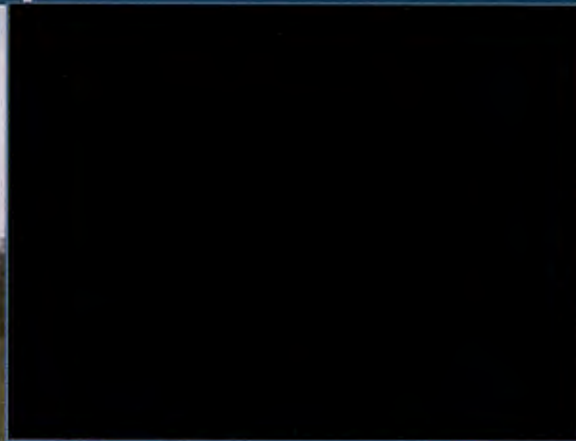
Pavement Treatment Cost Comparison

Repair	Cost/Sq Yd	Cost/Mile	Life (Yrs)	\$ / Yr Life
No Treatment	\$ -			
Minor Rehabilitation (Overlay)	\$ 17.00	\$ 199,466.67	10	\$ 19,946.67
Major Rehabilitation (Mill & Fill)	\$ 22.00	\$ 258,133.33	11	\$ 23,466.67
Surface Patching	\$ 40.00	\$ 469,333.33		
Full Depth Patching	\$ 100.00	\$ 1,173,333.33		
Crack Seal	\$ 0.50	\$ 5,866.67	3	\$ 1,955.56
Chip Seal w/ Fog	\$ 5.50	\$ 64,533.33	8	\$ 8,066.67
Microsurfacing	\$ 7.00	\$ 82,133.33	8	\$ 10,266.67
Thin-Lift (Sand Asphalt)	\$ 8.00	\$ 93,866.67	9	\$ 10,429.53

Crack Sealing

- Cost Effective
- Short Life
- Can cause problems with overlays if not properly sealed and time delay
- Addresses Transverse and Block Cracking
- 50% of total cost





- Commonly called "rock & tar"
- Cost effective
- Improves Friction
- Seals cracks / prevents water intrusion
- High customer complaints
- Can add Fog Seal to further improve, and reduce complaints
- \$5.50/sy, \$65k/mi

Microsurfacing

- Specialized - High quality aggregate & polymer modified emulsion
- 1/4" to 1/2" thickness
- Seals cracks, fills ruts and minor irregularities
- Smooth – appears to be normal plant mix
- \$7/sy, \$80k/mi



Thin Lift

- Aka Sand Asphalt
- ½" to 1" thickness
- Corrects minor deficiencies
- Improves appearance
- Adds some structural value
- Can be expensive due to high AC content
- \$8/sy, \$100k/mi



Patching

- Corrects sub-grade deficiencies
- Should only be used in small, precise areas.
- VERY expensive for the area repaired
- \$100 / sy



Plant Mix Overlay

- Minor Rehab Treatment
- Adds pavement structure to correct structural deficiencies
- Usually 1/5" thick – will require shoulder reconstruction
- Expensive - \$17 / sy, \$200k / mi



Mill & Fill

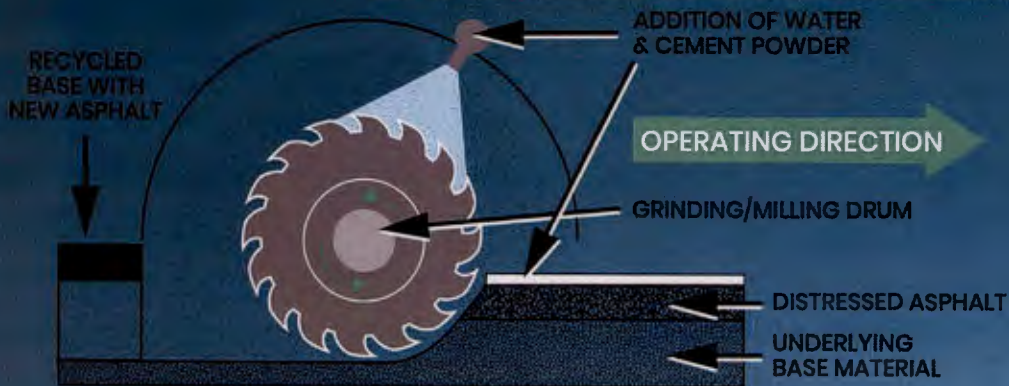


- Major Rehab treatment
- Removes deteriorated surface asphalt
- Rebuilds upper layer of pavement structure
- Doesn't require shoulder work
- Very Expensive - \$22 / sy, \$260k / mi

Full Depth Reclamation



- Reconstructs Pavment Sub-Grade
- Recycles existing pavement / subgrad into new sub-grade
- Requires new pavement surface such as Plant Mix
- Very, Very Expensive - \$17-\$20 / sy PLUS Surface, \$35-\$40 common. \$470k / mi



Strategy

Consider Strategy Options

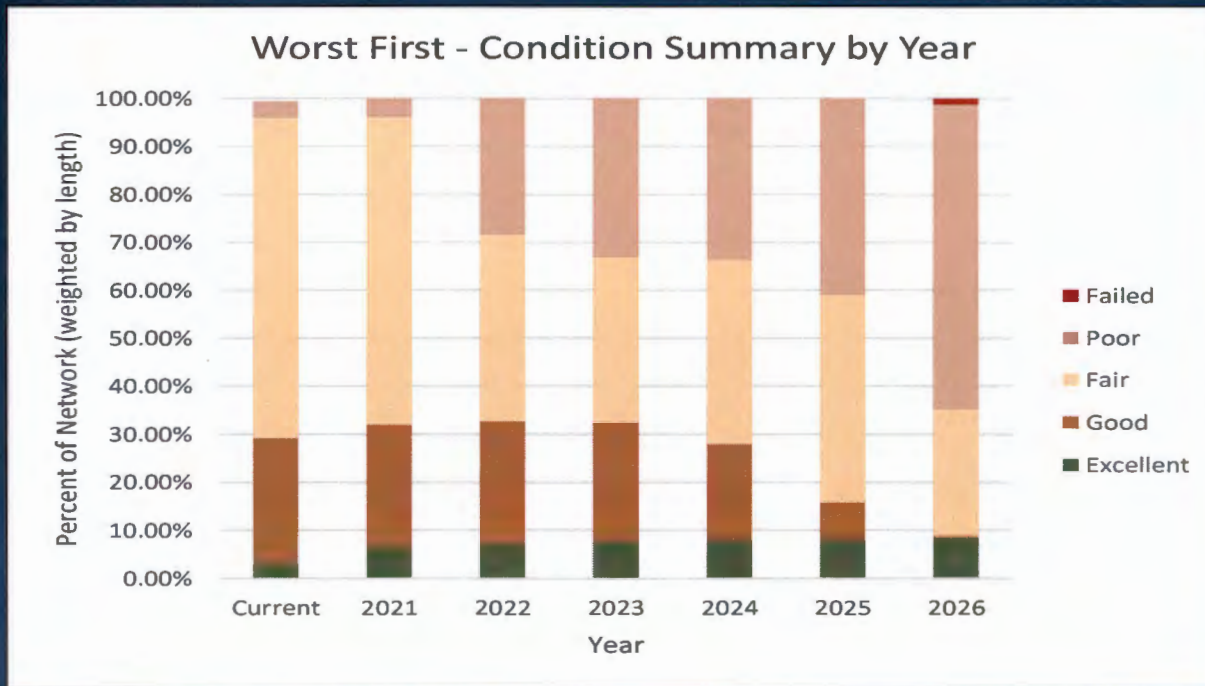
- Worst First
 - Usually limited to Resurfacing and patching
 - More expensive overall
 - Less roads improved each year
 - Overall network improvement will be limited
 - Public Comment: My road is bad, and road hasn't been touched in years.
- Mix of Pavement Preservation & Rehab
 - Overall less expensive
 - More roads improved each year
 - Network will be improved much more quickly, and for less money
 - Public Comment: Why are you spending money on roads that are in good shape?

Paving Plan Scenarios

Results Overview

Scenario 1 - Worst First

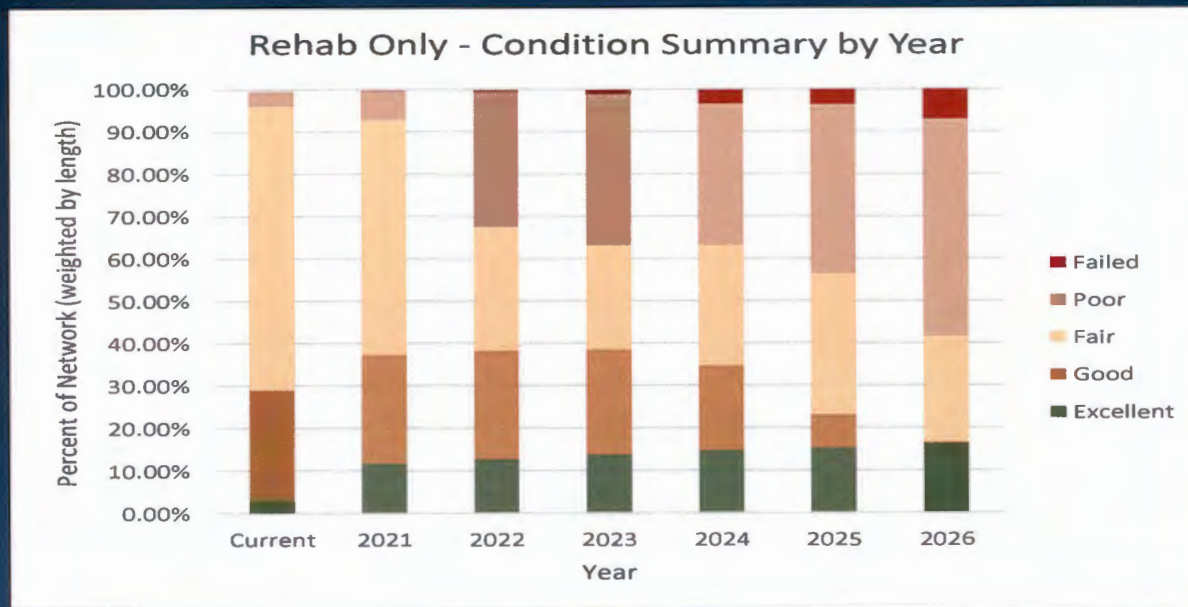
Condition	Current	2021	2022	2023	2024	2025	2026
Excellent	3.03%	6.37%	7.02%	7.56%	7.96%	8.02%	8.53%
Good	26.12%	25.64%	25.64%	24.81%	19.98%	7.80%	0.35%
Fair	66.82%	64.07%	38.89%	34.39%	38.36%	43.02%	26.21%
Poor	3.43%	4.19%	28.75%	33.55%	34.01%	41.50%	63.65%
Failed	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.66%



**Overall PCI = 46.45
(2026)**

Scenario 2 – Rehabilitation Only

Condition	Current	2021	2022	2023	2024	2025	2026
Excellent	3.03%	11.78%	12.68%	13.76%	14.69%	15.30%	16.35%
Good	26.12%	25.64%	25.64%	24.81%	19.98%	7.80%	0.35%
Fair	66.82%	55.30%	29.20%	24.54%	28.44%	33.28%	24.86%
Poor	3.43%	6.84%	31.77%	35.64%	33.31%	39.91%	51.27%
Failed	0.00%	0.10%	0.39%	0.96%	3.29%	3.45%	6.95%

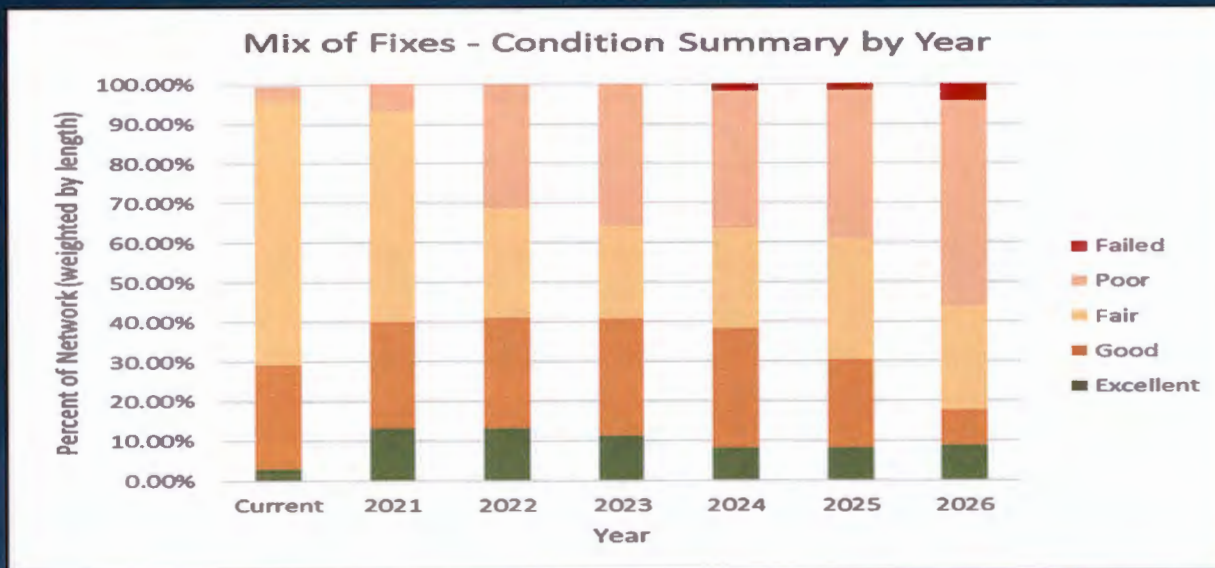


Overall PCI = 48.43
(2026)

Scenario 3 – Blended Approach (Mix of

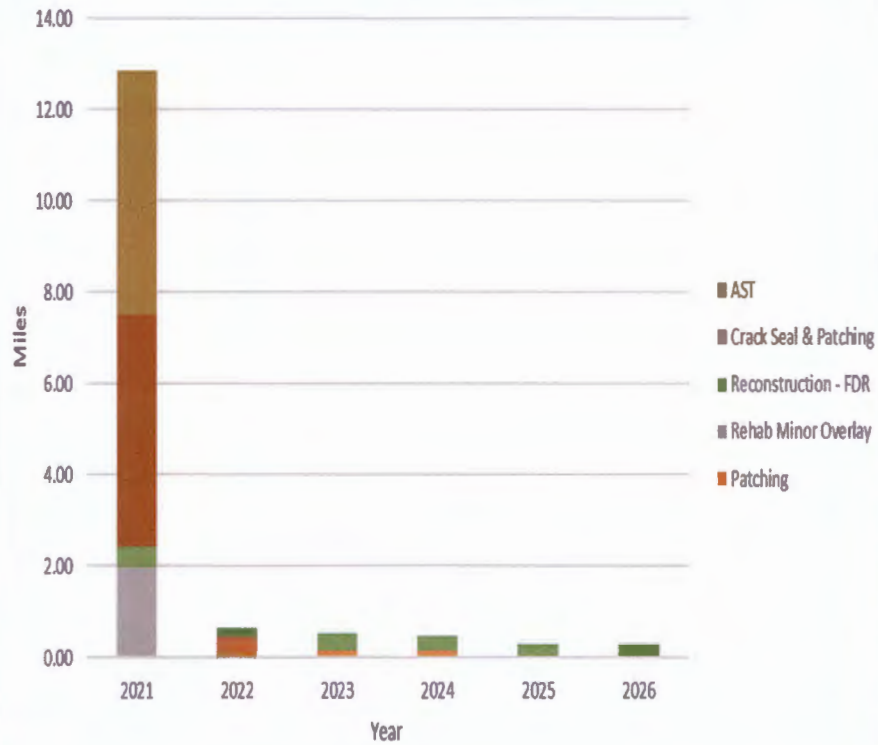
Fixes

Condition	Current	2021	2022	2023	2024	2025	2026
Excellent	3.03%	13.14%	13.29%	11.29%	8.12%	8.13%	8.59%
Good	26.12%	26.90%	27.71%	29.45%	30.12%	22.32%	9.12%
Fair	66.82%	53.37%	27.51%	23.22%	25.34%	30.30%	25.96%
Poor	3.43%	6.84%	31.77%	36.34%	34.87%	38.02%	52.12%
Failed	0.00%	0.00%	0.00%	0.00%	1.85%	1.55%	4.59%

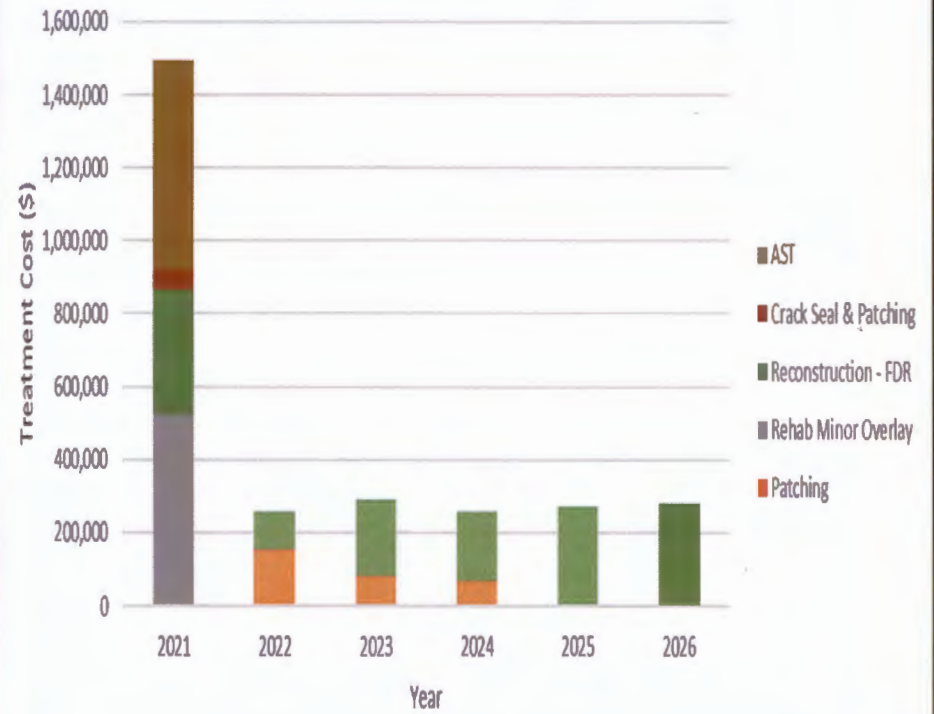


Overall PCI = 49.24
(2026)

Mix of Fixes - Miles by Treatment Type



Mix of Fixes - Costs by Treatment Type



Recommendations & Observations

Recommended Blended Approach

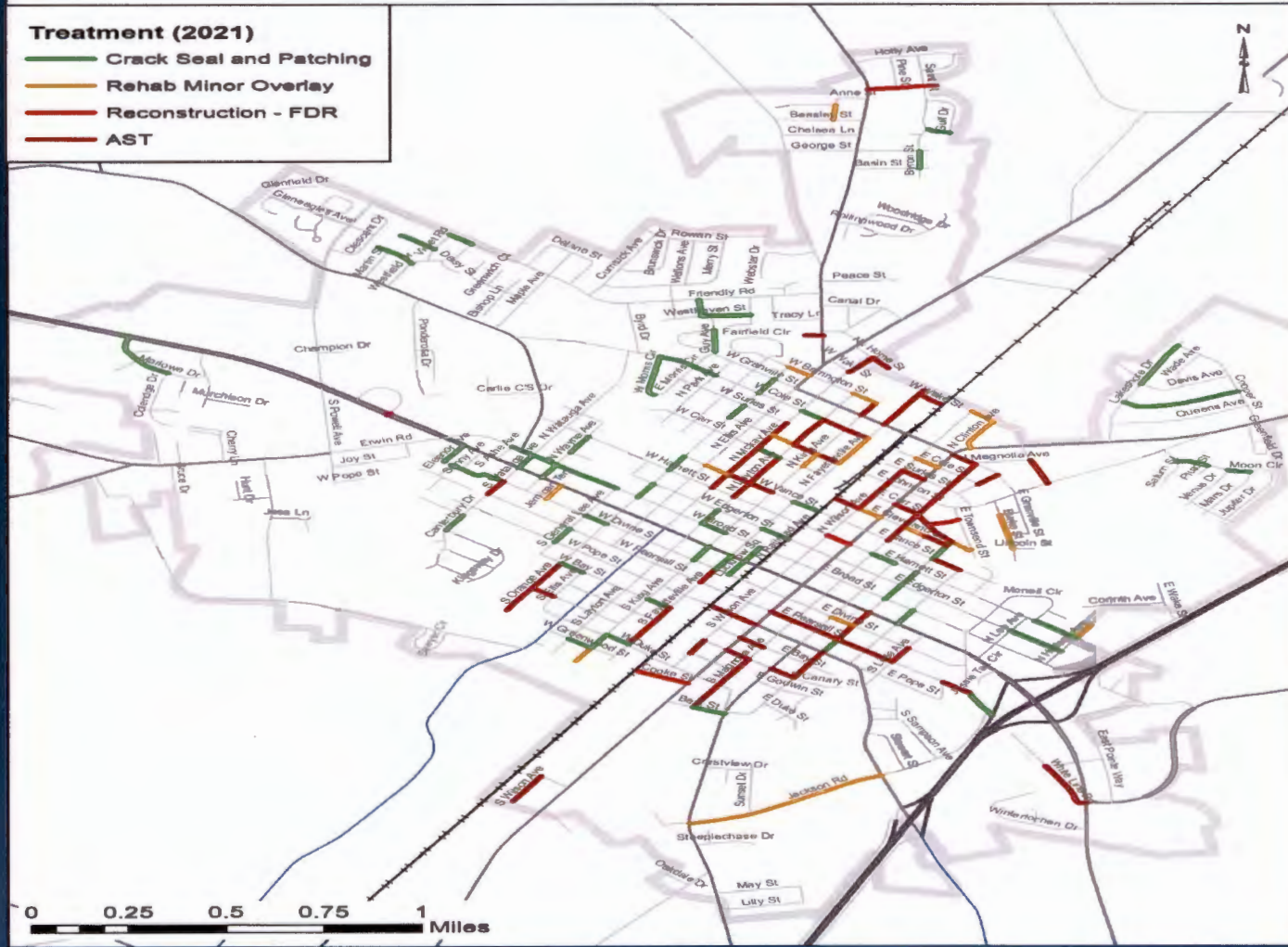
- ✓ **Number of miles touched**
- ✓ **“Best” overall final performance of system**

	Blended Approach (Mix of Fixes)	Worst First	Rehabilitation Only
Miles Touched	15.07	3.86	9.03
Overall PCI (2026)	49.24	48.43	46.45
% Network <Fair (2026)	82.67	91.52	83.08

2021 Paving Implementation Plan Maps

City of Dunn Year 2021 Treatments - Mix of Fixes

- Treatment (2021)**
- Crack Seal and Patching
 - Rehab Minor Overlay
 - Reconstruction - FDR
 - AST



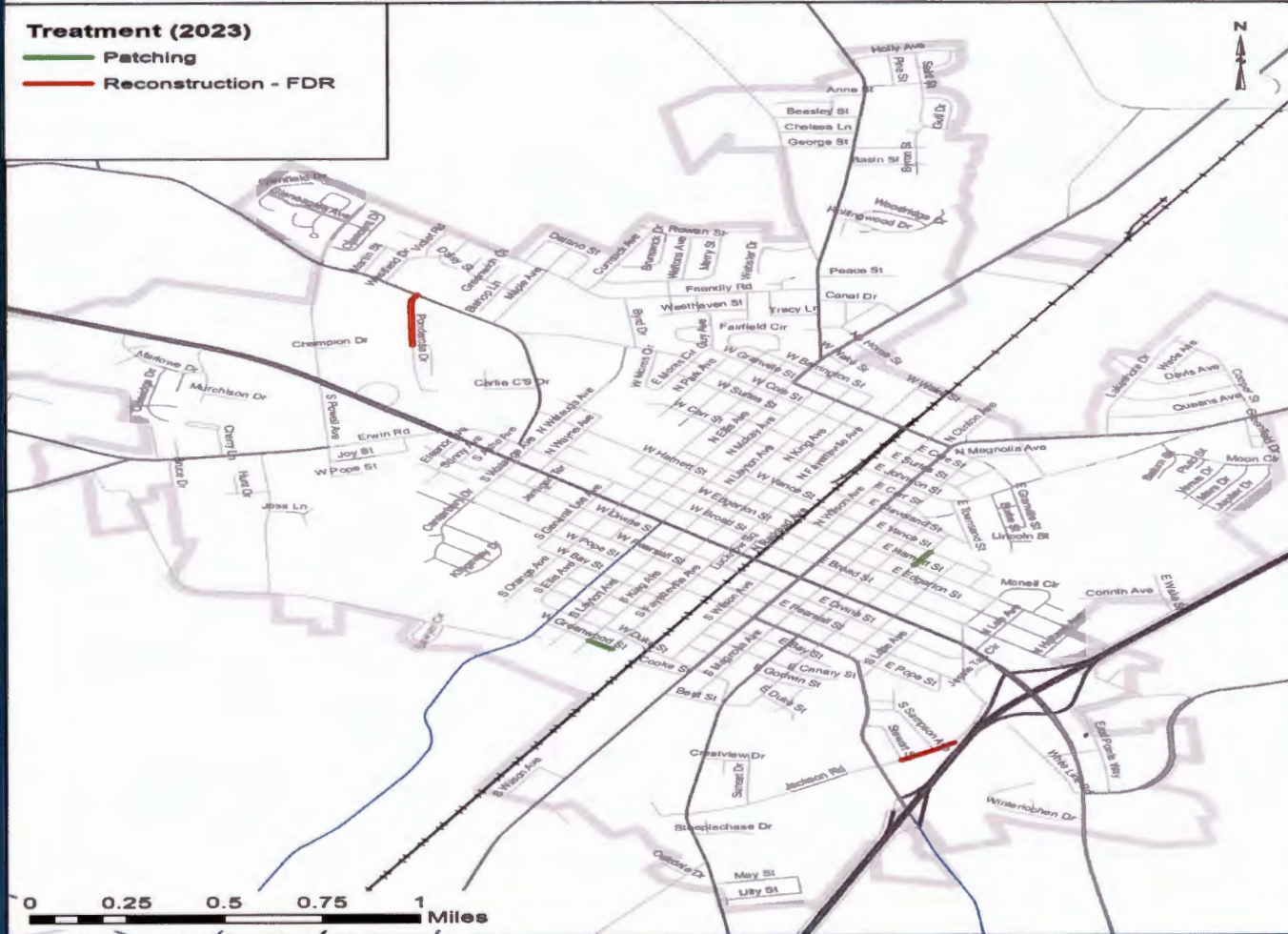
City of Dunn Year 2022 Treatments - Mix of Fixes

Treatment (2022)
— Patching
— Reconstruction - FDR



City of Dunn Year 2023 Treatments - Mix of Fixes

Treatment (2023)
— Patching
— Reconstruction - FDR

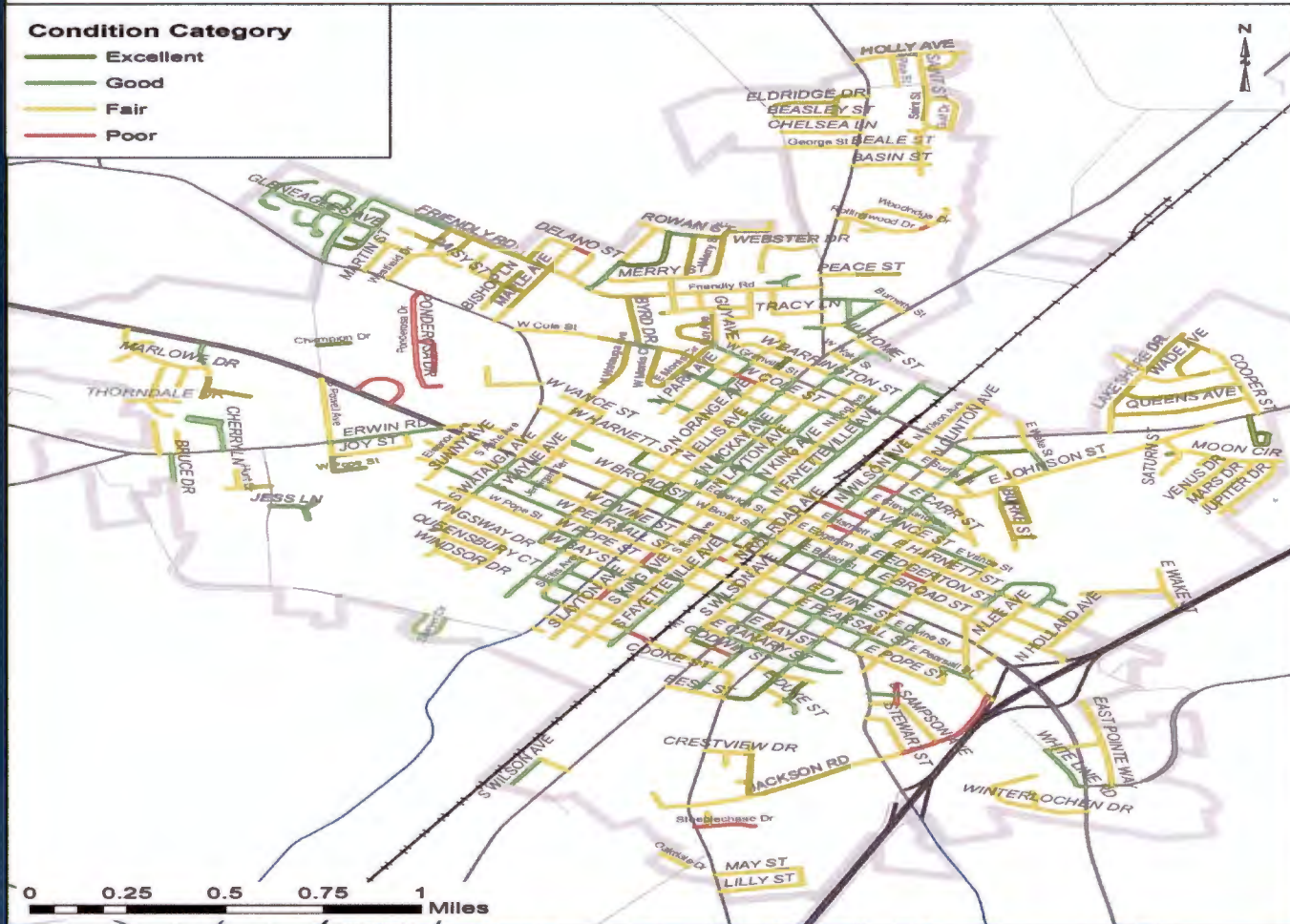


What's At Stake?

City of Dunn Initial Conditions - Mix of Fixes

Condition Category

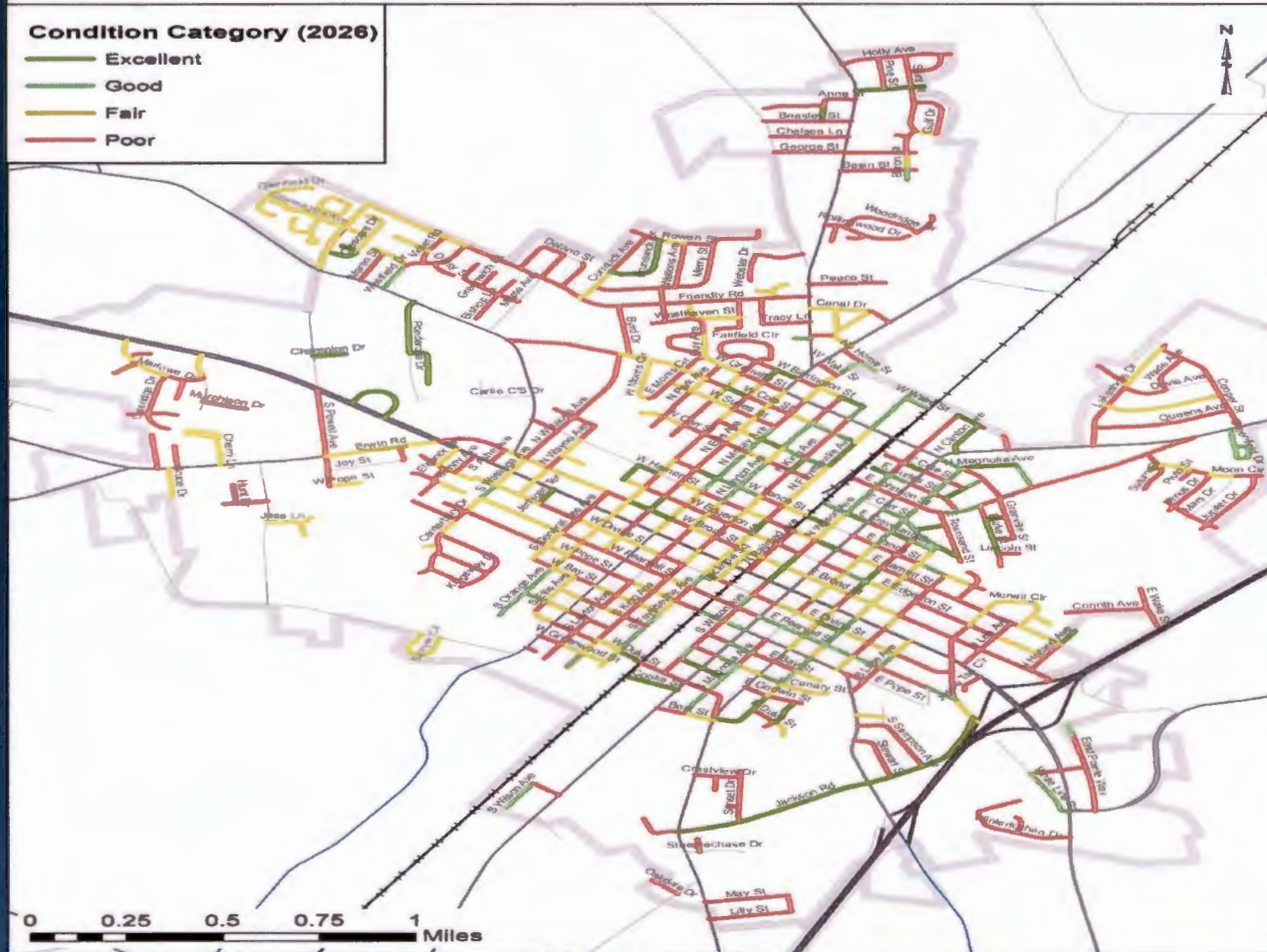
- Excellent
- Good
- Fair
- Poor



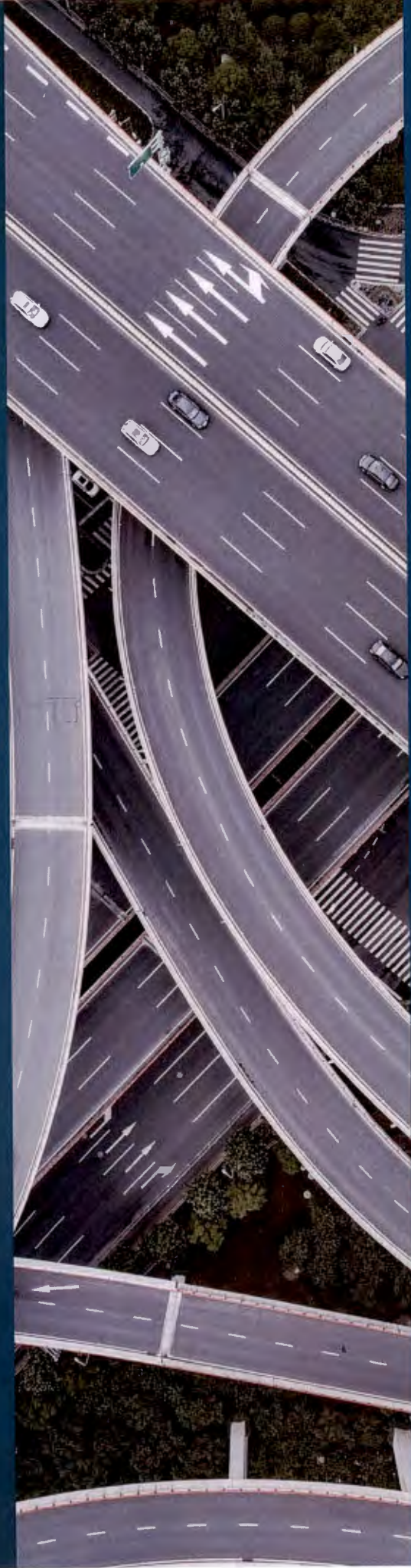
City of Dunn Final Conditions - Mix of Fixes

Condition Category (2026)

- Excellent
- Good
- Fair
- Poor



TRANSYSTEME



Questions and Discussion

Resolution Authorizing the Upset Bid Process

WHEREAS, the City of Dunn owns certain property, identified as follows:

Being that 19.68 acres of City property located on the south side of East Johnson Street and further identified as Harnett County PIN 1526-08-5581.000 and is also being that 20.00 acres (net) shown on Map 2004, Page 1244, Harnett County Registry.

WHEREAS, North Carolina General Statute § 160A-269 permits the City to sell property by upset bid, after receipt of an offer for the property; and

WHEREAS, the City has received an offer to purchase the property described above, in the amount of \$250,000, submitted by NVR, Inc.

WHEREAS, NVR, Inc., has paid the required five percent (5%) deposit on the offer,

THEREFORE, THE CITY COUNCIL OF THE CITY OF DUNN RESOLVES THAT:

1. The City Council authorizes sale of the property described above through the upset bid procedure of North Carolina General Statute § 160A-269.
2. The City Clerk shall cause a notice of the proposed sale to be published. The notice shall describe the property and the amount of the offer and shall state the terms under which the offer may be upset.
3. Persons wishing to upset the offer that has been received shall submit a sealed bid with their offer to the office of the City Clerk within 10 days after the notice of sale is published. At the conclusion of the 10-day period, the City Clerk shall open the upset bids, if any, and the highest such bid will become the new offer. If there is more than one upset bid in the highest amount, the first such bid received will become the new offer.
4. If a qualifying higher upset bid is received, the City Clerk shall cause a new notice of upset bid to be published, and shall continue to do so until a 10-day period has passed without any qualifying upset bid having been received. At that time, the amount of the final high upset bid shall be reported to the City Council.
5. A qualifying higher upset bid is one that raises the existing offer by not less than ten percent (10%) of the first \$1,000.00 of that offer and five percent (5%) of the remainder of that offer.
6. A qualifying higher upset bid must also be accompanied by a deposit in the amount of five percent (5%) of the bid; the deposit may be made in cash, cashier's check, or certified check. The City will return the deposit on any bid not accepted and will return the deposit on an offer subject to upset if a qualifying higher bid is received. The City will return the deposit of the final high bidder at closing.

7. The terms of the final sale are that

-the City Council must, if it decides to accept the final high offer, approve the final high offer before the sale is closed, which it will do within 30 days after the final upset bid period has passed, and

-the buyer must pay with cash at the time of closing.

8. The City reserves the right to withdraw the property from sale at any time before the final high upset bid is accepted and further reserves the right to reject at any time all bids prior to accepting any bid.

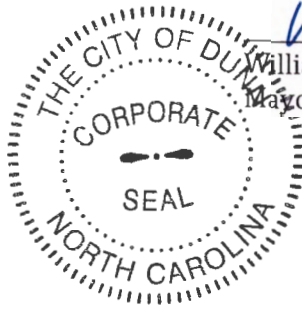
9. If no qualifying upset bid is received after the period in the initial public notice, the City Council may accept the initial offer set forth above without further published notice. For an accepted bid, the appropriate city officials are authorized to execute the instruments necessary to convey the property to Buyer.

Adopted this 10th Day of September, 2024.

ATTEST:

Melissa Matti

Melissa Matti
City Clerk



William P. Elmore Jr.

William P. Elmore Jr.
Mayor