

Management & Maintenance of Local Access Roads

City of Spokane Transportation Commission Board
May 2025

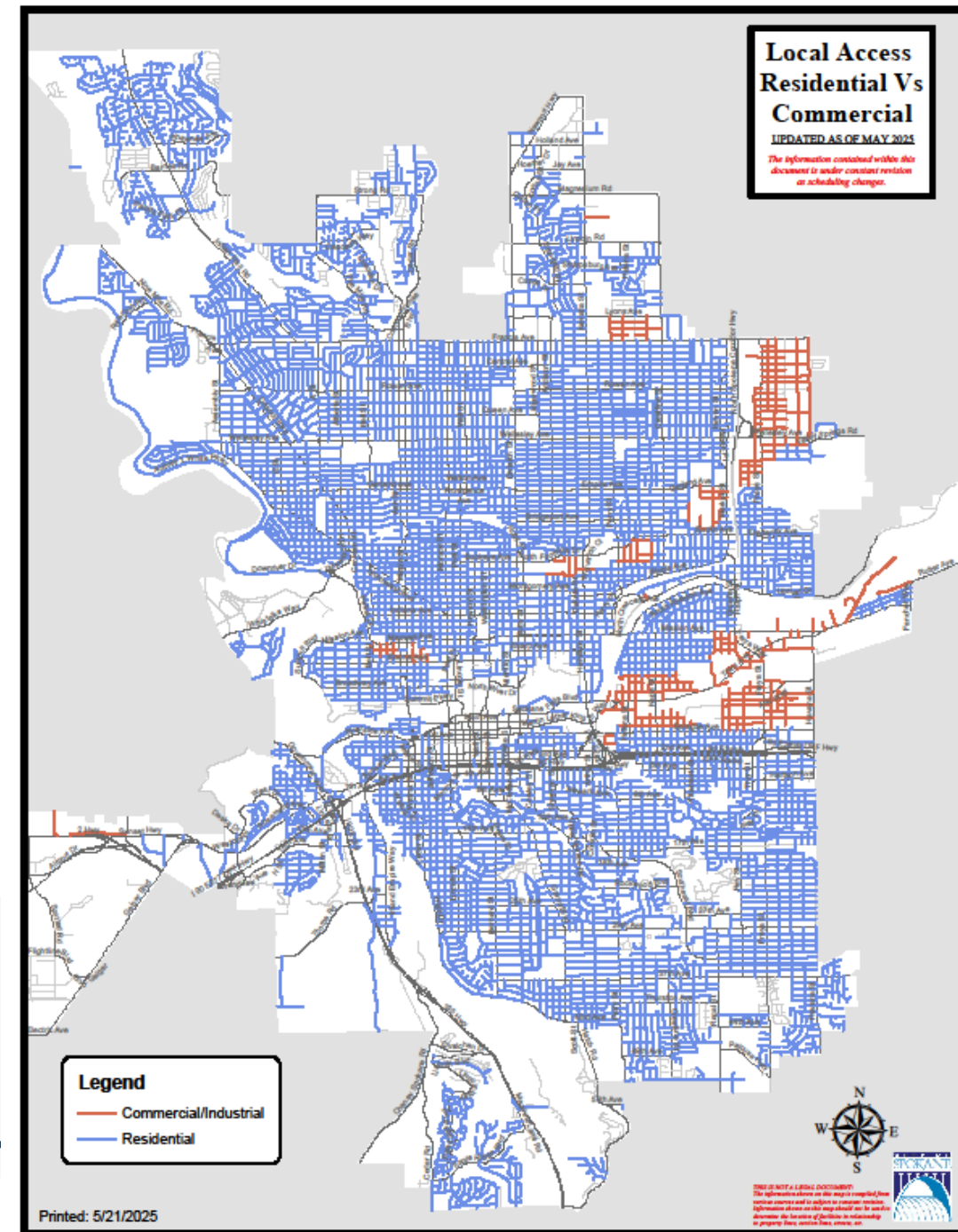
Presented by: Clint Harris - Streets Department Director
Chris Cafaro - Streets GIS Analyst II





Local Access

- **Local Access Streets Include**
 - Residential Areas
 - Commercial Areas
 - Industrial Areas

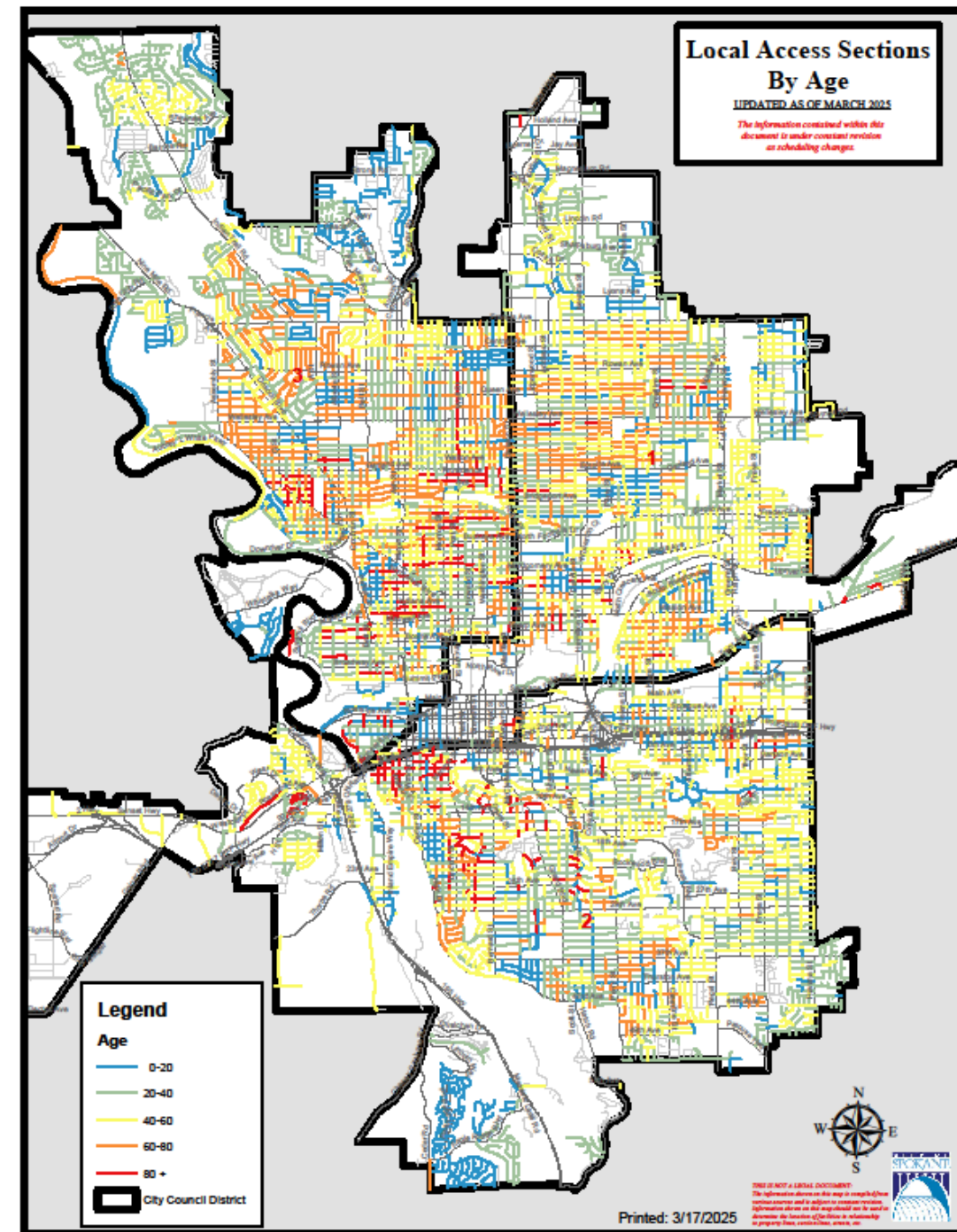




EXISTING INFRASTRUCTURE

Local Access Street Age

Age in Years	
0-20	34%
20-40	27%
40-60	25%
60-80	11%
80+	3%



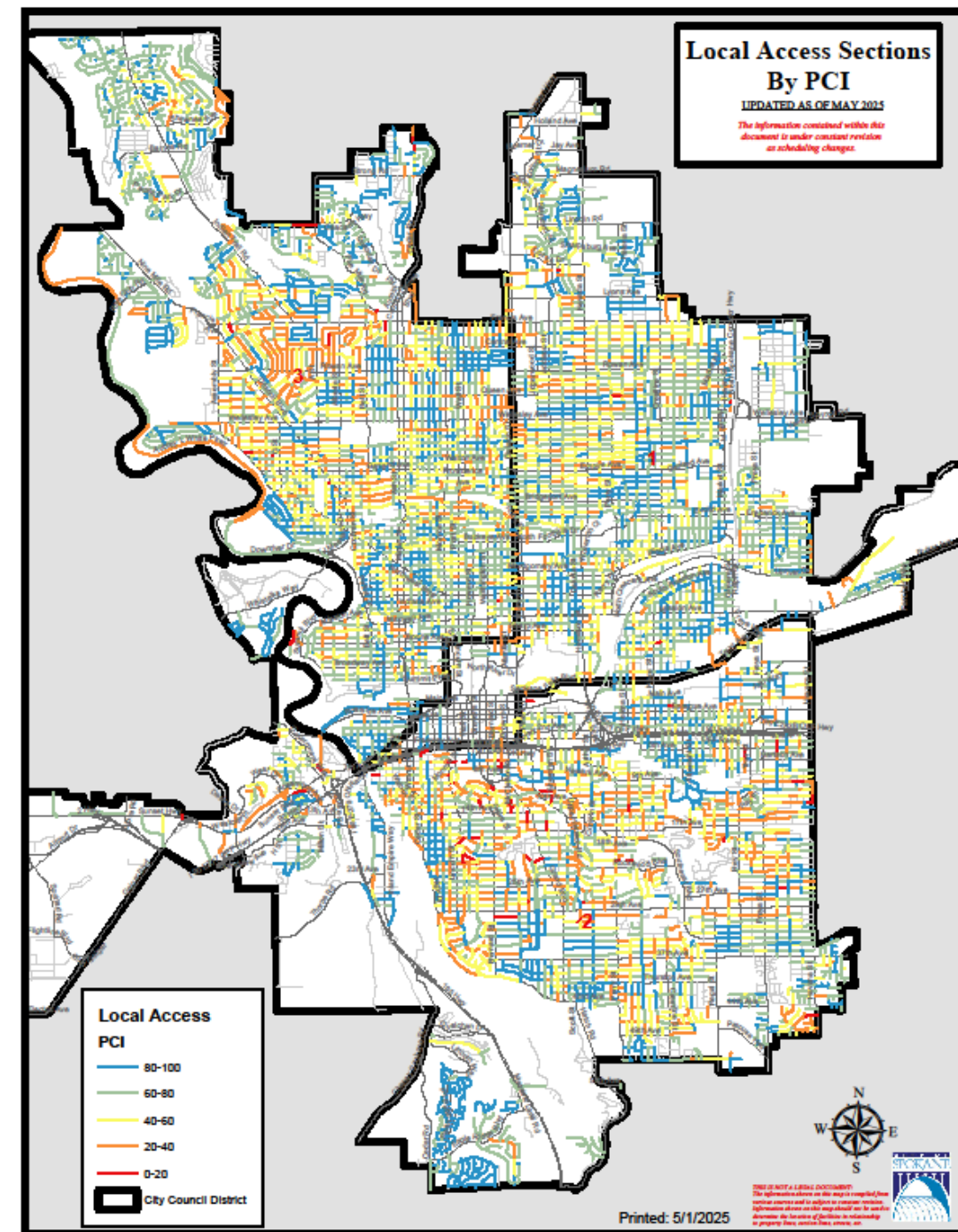


EXISTING INFRASTRUCTURE

Local Access Current PCI

PCI	
80-100	28%
60-80	34%
40-60	22%
20-40	14%
0-20	1%

[Rating Examples Online](#)



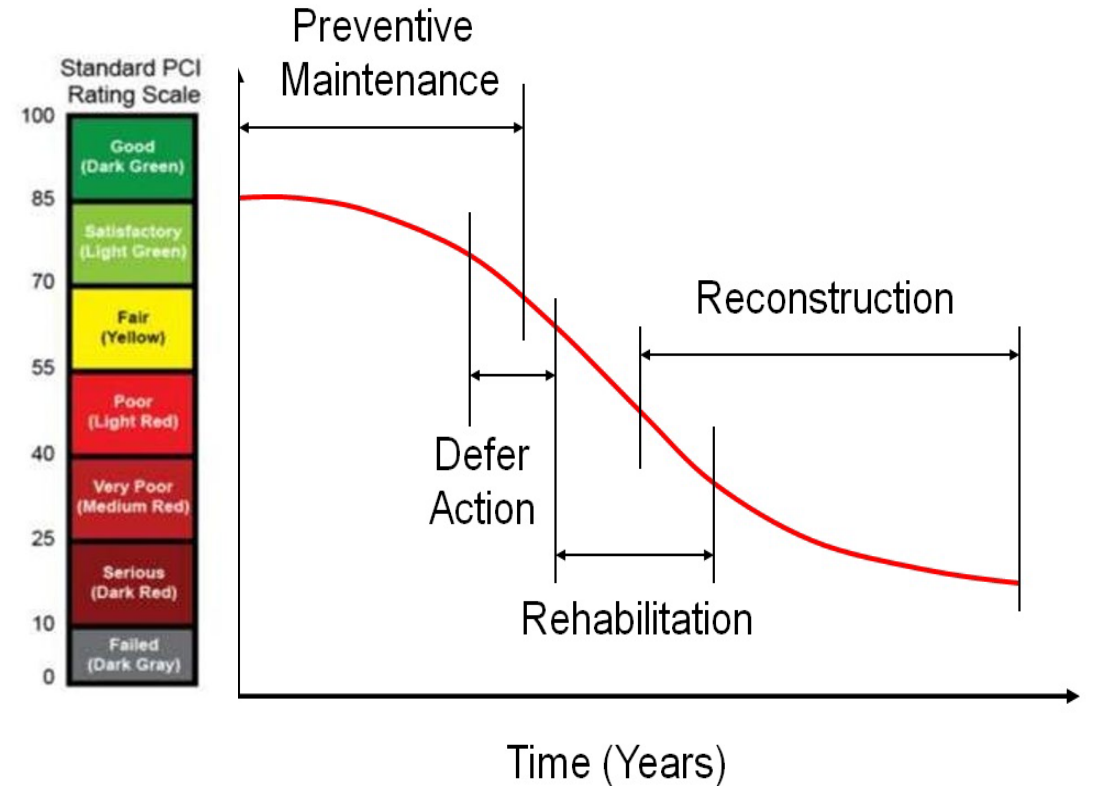


Selection Process

Identify and Prioritize Maintenance & Rehab Needs

Keep the “GOOD” streets “GOOD”

- Proper treatment and proper time
 - *Crack Seal*
 - *Chip Seal*
 - *Grind & Overlay*



PCI Breakpoints

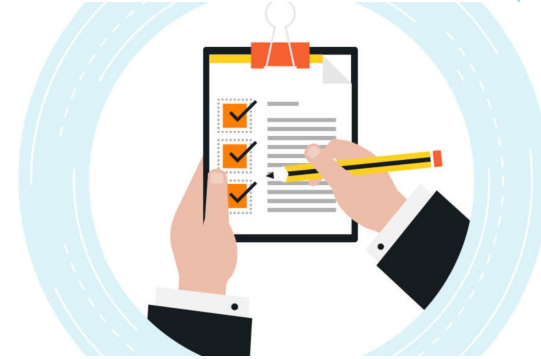
- | | |
|--------|------------------------|
| 70-100 | Preventive Maintenance |
| 40-70 | Rehabilitation |
| 20-40 | Reconstruction/Rehab |
| 0-20 | Reconstruction |





Selection Process Best Practices

- **Select proper treatment and proper time**
 - Existing Structure Maintenance or Rehabilitation
 - Lower Cost Treatments for Preservation
 - Is the Road Base in Good Enough Condition to Overlay
 - Reconstruct When Necessary
- **Proper sized project**
 - Multiple Adjacent Sections to Reduce Contractor Mobilization Cost





6-Year Maintenance Plan

Project Selection Process

Transportation Committee Role

- ***Identify Areas of Interest***
 - Citizen Concerns/Public Input
 - Special Interest Groups
- ***Assess Project Type & Size***
 - Field Verification
- ***Rank Proposed Projects***
- ***Project Selection (2026-2031)***
 - Budget Planning per Year
 - Distribute Proportionally Across Districts
- ***Approval From City Council***

Street Department Role

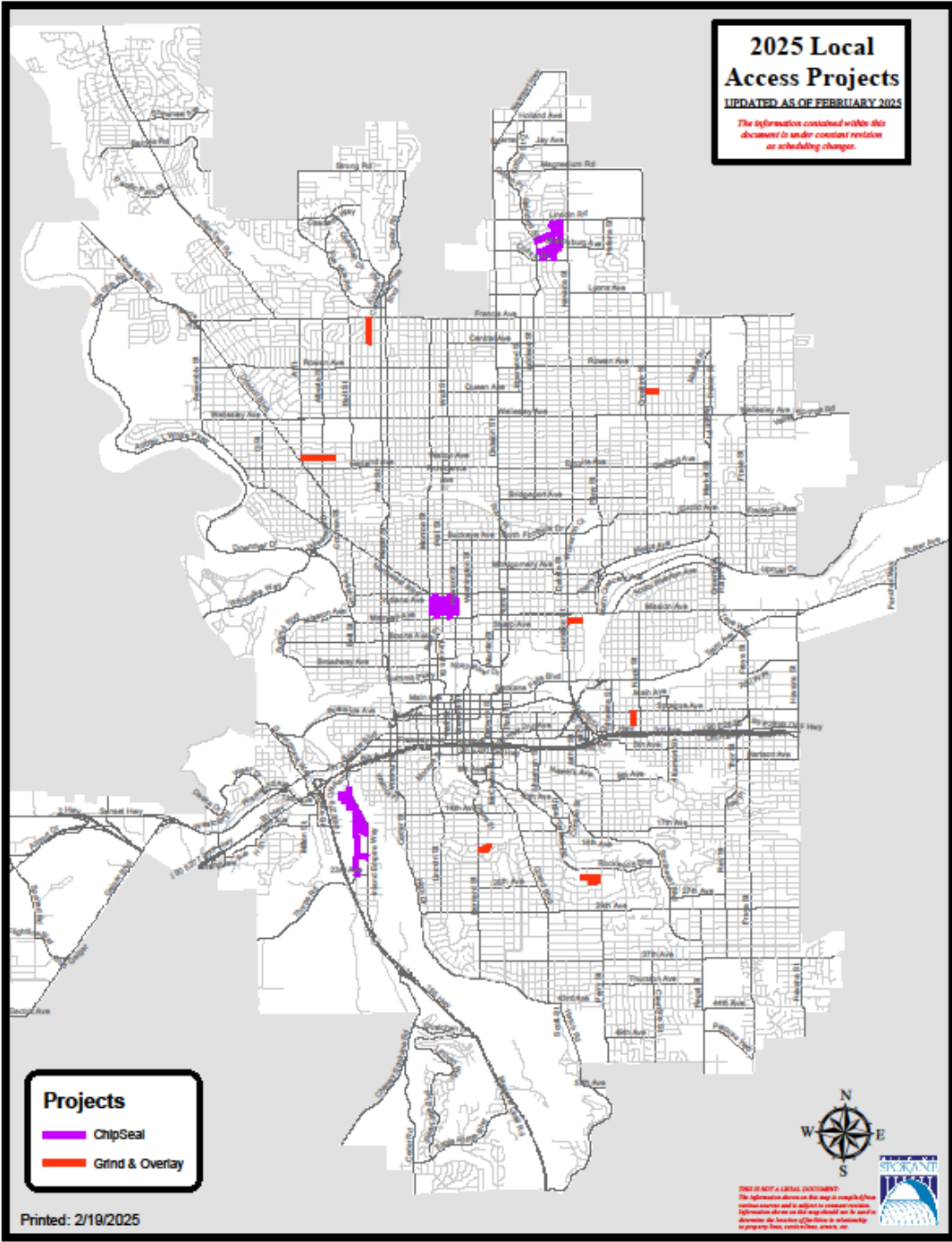
- ***Provide PMS Section/Project Data***
 - Stats & Estimates for Proposed Projects
- ***Provide Planning Worksheet***
 - Compiled List of Projects
- ***Maintain Project List Data***
 - Support Staff for Plan
- ***Maintain Pavement Management System***
 - Recurring Inspections
 - Completed Project Data Entry





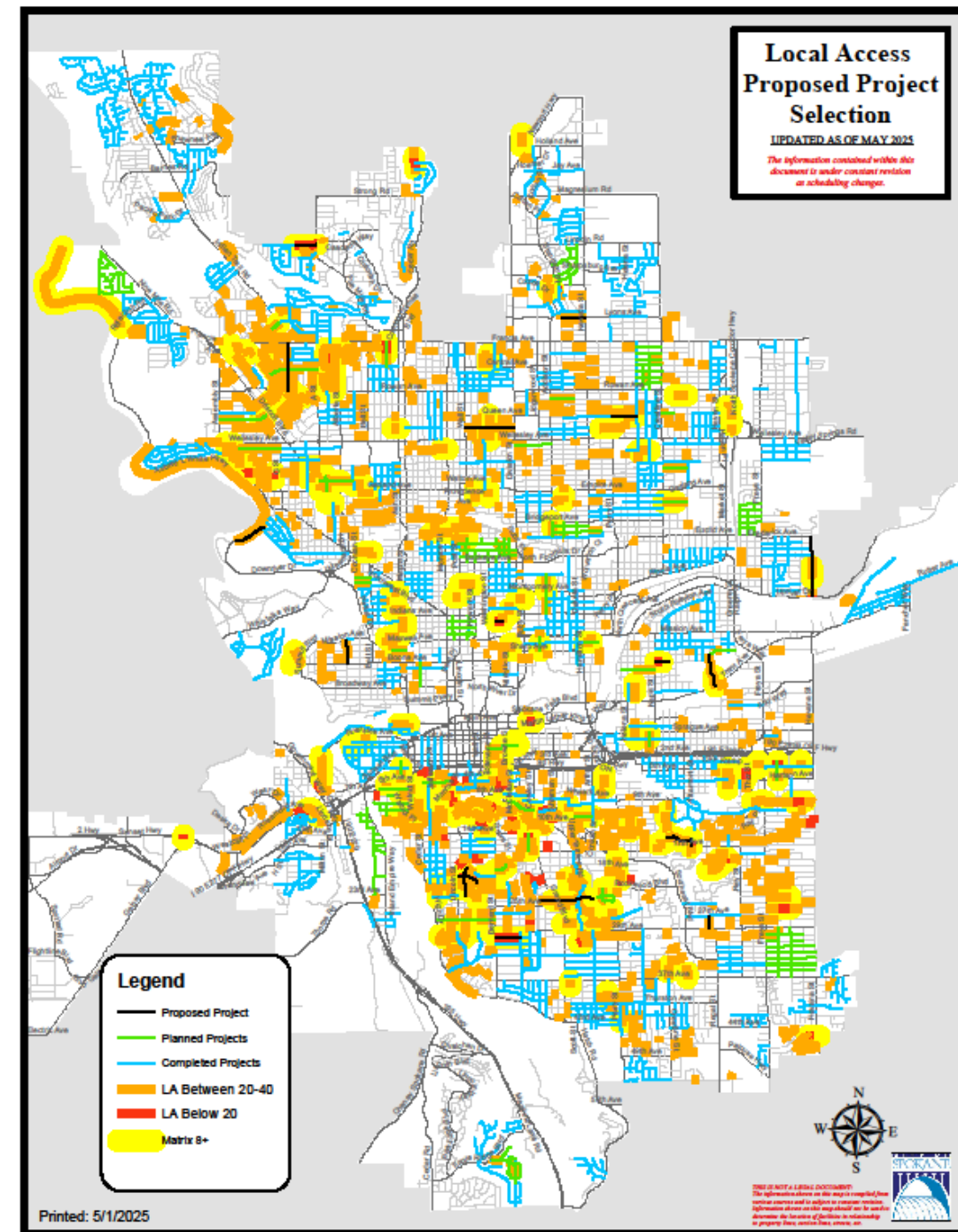
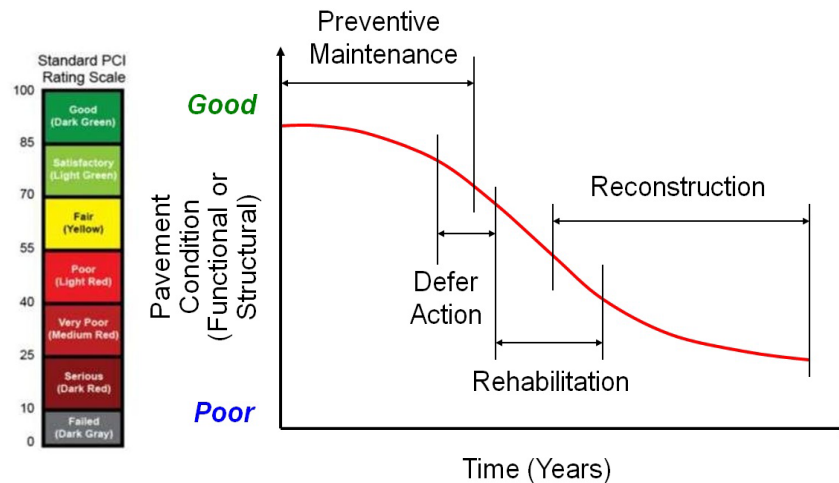
2025 Planned Street Maintenance

CDist	ProjType	ProjName	AreaYd	SegMi	LnMi	AVG PCI	AVG Age
1 - NE	Chip	Wilding from Standard to Lincoln Et Al	32,953	1.55	3.10	63.8	38.0
1 - NE	Grind	Sinto - Hamilton to Superior	3,556	0.15	0.30	40.0	87.9
1 - NE	Grind	Queen - Crestline to Stone	2,969	0.13	0.25	43.0	77.1
2 - S	Chip	Chestnut St Et Al	33,650	1.84	3.68	84.9	22.2
2 - S	Grind	Magnolia - Pacific to Sprague	3,700	0.14	0.28	38.5	75.8
2 - S	Grind	20th/McClellan - Bernard to 19th	2,870	0.16	0.33	40.0	68.7
2 - S	Grind	Christmas Tree/Rockwood Pine	5,573	0.32	0.63	50.3	61.1
3 - NW	Chip	Augusta from Monroe to Howard Et Al	23,926	1.33	2.65	72.2	38.0
3 - NW	Grind	Upton - A to Nettleton	6,050	0.34	0.69	17.7	81.4
3 - NW	Grind	Elm - Central to Francis	4,453	0.25	0.51	23.5	71.0





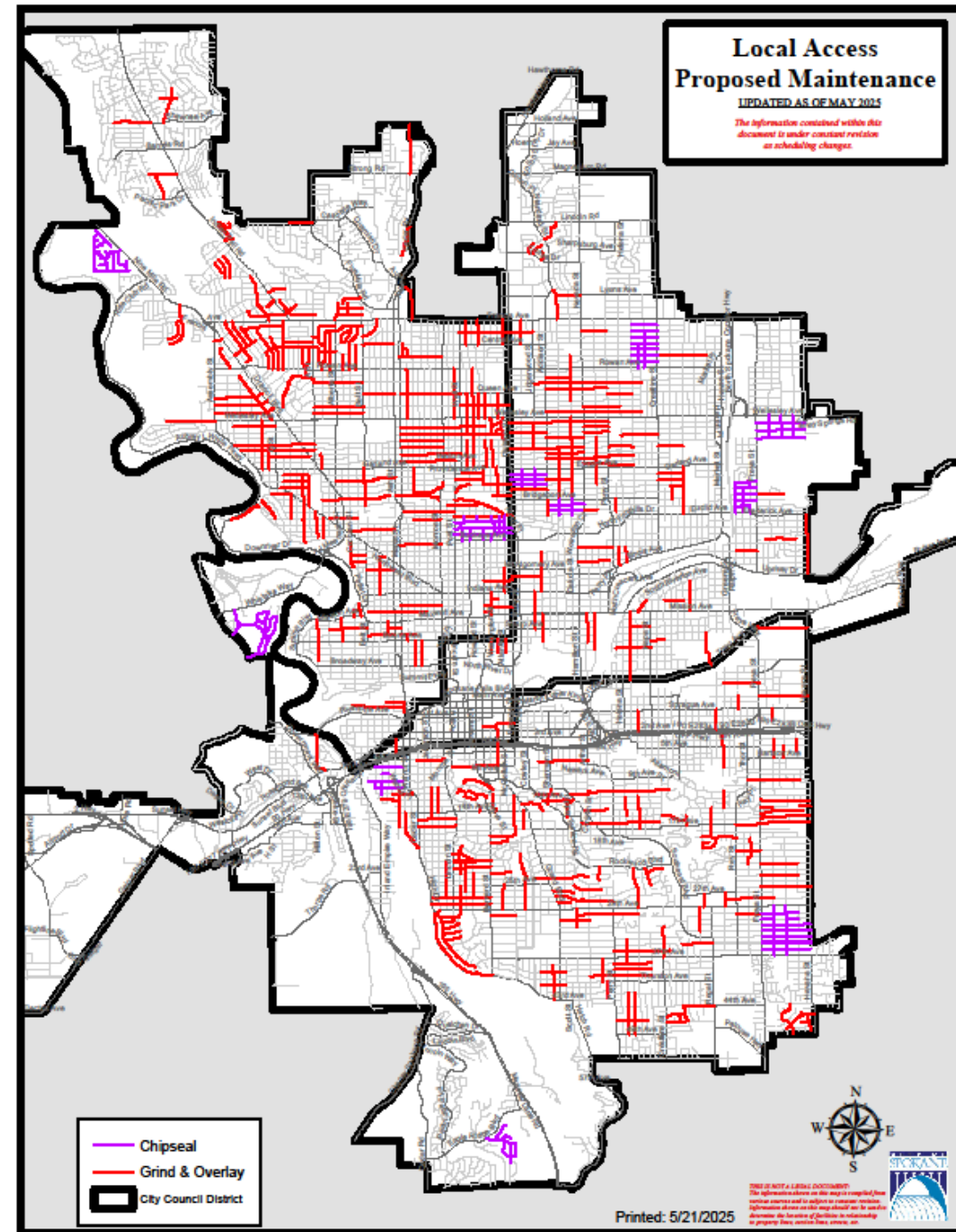
- **Compiling List of Projects**
- **Tying it all Together**





Proposed Maintenance Project Locations

SR	Facility	Project Name	Area	Size	La	ATL	ATL	Mat	Area	Cost
at	xxx	xxx	Id	Id	Id	Id	Id	Id	Id	Id
1-NE	Chip	Napa - Rouen to Francis	43,671	2.45	4.91	64.5	52.0	4.6	\$10.00	\$759,400
1-NE	Chip	Courtland - Francis to El	32,995	1.67	3.34	64.2	40.9	2.9	\$10.00	\$592,112
1-NE	Chip	Kierman - Division to Addison	27,291	1.52	3.04	76.9	46.5	2.8	\$10.00	\$493,650
1-NE	Chip	Cincinnati - Division to El	16,969	1.00	2.00	73.1	42.5	2.7	\$10.00	\$241,230
1-NE	Chip	Langfellow - Myrtle to El	39,501	2.20	4.40	90.2	21.9	5.6	\$10.00	\$711,012
1-NE	Grind	Queen - Perry to Pittsburg	4,497	0.25	0.51	27.5	77.5	5.6	\$70.00	\$250,740
1-NE	Grind	Rush - State to 3rd	2,900	0.14	0.27	33.5	99.6	6.2	\$70.00	\$152,240
1-NE	Grind	Arter - Indiana to Jackson	14,339	0.40	0.80	23.3	70.1	6.1	\$70.00	\$110,451
1-NE	Grind	Addicks - Euclid to Bridgeway	2,780	0.16	0.32	39.7	65.3	6.0	\$70.00	\$216,540
1-NE	Grind	Pacific - Washington to Division	1,620	0.22	0.43	39.0	66.5	7.9	\$70.00	\$472,360
1-NE	Grind	Garland - Cincinnati to Oak	5,172	0.25	0.50	34.5	76.3	7.9	\$70.00	\$403,633
1-NE	Grind	Huffman - Division to Addison	6,567	0.37	0.75	33.0	72.7	7.3	\$70.00	\$512,200
1-NE	Grind	Encanto - Lidgerwood to Nevada	1,753	0.50	0.99	34.0	74.4	7.3	\$70.00	\$432,760
1-NE	Grind	Dallas - Nevada to Perry	4,310	0.24	0.48	29.5	66.6	7.6	\$70.00	\$239,160
1-NE	Grind	Lidgerwood - Cherry to Marion	1,044	0.15	0.30	36.0	73.4	7.6	\$70.00	\$471,667
1-NE	Grind	Honey - Nevada to Perry	4,450	0.25	0.51	33.0	65.3	7.5	\$70.00	\$247,100
1-NE	Grind	Durham - Napa to Lee	2,467	0.14	0.28	34.0	67.5	7.5	\$70.00	\$192,400
1-NE	Grind	Huffman - Nevada to Perry	4,450	0.25	0.51	33.0	65.3	7.4	\$70.00	\$247,100
1-NE	Grind	Hickman - Napa to Pacific	4,275	0.21	0.42	30.3	57.3	7.4	\$70.00	\$497,250
1-NE	Grind	Dallas - Nevada to Marion	2,233	0.13	0.26	39.0	76.0	7.4	\$70.00	\$174,200
1-NE	Grind	Providence - Courtline to Oak	5,193	0.25	0.50	40.0	75.9	7.3	\$70.00	\$401,917
1-NE	Grind	Calumet - Durman to Marion	1,153	0.30	0.60	49.5	65.2	7.2	\$70.00	\$471,008
1-NE	Grind	Rockwell - Courtline to Oak	4,413	0.25	0.50	32.0	57.9	7.2	\$70.00	\$344,240
1-NE	Grind	Catalina - Hagen to Napa	1,167	0.35	0.70	39.4	71.9	7.1	\$70.00	\$481,000
1-NE	Grind	Martin - Empire to Langfellow	5,860	0.32	0.63	40.7	57.3	7.1	\$70.00	\$432,680
1-NE	Grind	Dumas - Addison to Perry	10,997	0.62	1.25	42.4	76.5	7.1	\$70.00	\$156,860
1-NE	Grind	Madison - Lincoln to Marietta	3,320	0.16	0.31	46.7	14.5	7.1	\$70.00	\$259,960
1-NE	Grind	Marshall - Marion to Hagen	3,422	0.15	0.29	39.5	63.2	7.0	\$70.00	\$266,933
1-NE	Grind	Martin - Garland to Empire	2,780	0.16	0.32	35.3	59.7	7.0	\$70.00	\$216,540
1-NE	Grind	Jackson - Ridge to Perry	4,465	0.21	0.42	44.0	55.2	6.9	\$70.00	\$241,594
1-NE	Grind	Lynn - Standard to Nevada	5,192	0.25	0.49	23.5	44.1	6.9	\$70.00	\$404,976
1-NE	Grind	Encanto - Nevada to Hagen	10,513	0.60	1.19	39.2	65.3	6.9	\$70.00	\$520,040
1-NE	Grind	Haven - Upjohn to Frederick	7,449	0.40	0.80	40.2	59.0	6.9	\$70.00	\$411,901
1-NE	Grind	Walton - Nevada to Hagen	7,197	0.38	0.77	60.7	64.5	6.9	\$70.00	\$554,860
1-NE	Grind	Walton - Nevada to Perry	4,450	0.25	0.51	42.0	69.2	6.9	\$70.00	\$247,100
1-NE	Grind	Lidgerwood - Rockwell to Huffman	5,406	0.26	0.52	37.3	59.0	6.7	\$70.00	\$412,433
1-NE	Grind	Garland - Division to Oak	7,479	0.31	0.62	32.3	47.2	6.6	\$70.00	\$553,236
1-NE	Grind	Dallas - Standard to Lincoln	5,256	0.25	0.50	75.5	46.2	6.6	\$70.00	\$409,968
1-NE	Grind	Santa - Marion to South Overcast	5,417	0.31	0.62	41.3	64.6	6.6	\$70.00	\$422,500
1-NE	Grind	Haven - Upjohn to Frederick	7,449	0.40	0.80	50.9	56.3	6.6	\$70.00	\$411,901
1-NE	Grind	Broad - Nevada to Hagen	10,247	0.59	1.18	46.3	74.1	6.5	\$70.00	\$190,860
1-NE	Grind	Garland - Nevada to Pittsburg	7,973	0.50	1.01	42.3	64.0	6.5	\$70.00	\$421,068
1-NE	Grind	Lynn - Standard to Nevada	5,192	0.25	0.49	32.0	42.4	6.4	\$70.00	\$404,976
1-NE	Grind	Arter - South of Beane to Marion	10,900	0.29	0.58	49.5	76.6	6.4	\$70.00	\$150,200
1-NE	Grind	Kierman - Addison to Cincinnati	4,467	0.25	0.51	45.5	64.9	6.3	\$70.00	\$248,400
1-NE	Grind	Huffman - Addison to Nevada	6,473	0.30	0.60	42.7	60.6	6.3	\$70.00	\$520,820
1-NE	Grind	Road - Nelson - Transit to Beane	5,667	0.27	0.55	36.3	46.5	6.2	\$70.00	\$442,000
1-NE	Grind	Standard - Bridgeway to Empire	5,860	0.32	0.63	57.3	60.7	6.2	\$70.00	\$432,680
1-NE	Grind	Empire - Cincinnati to Arter	1,941	0.30	0.60	44.5	62.1	6.2	\$70.00	\$415,167
1-NE	Grind	Dallas - Division to Lidgerwood	5,651	0.25	0.49	38.5	49.5	6.1	\$70.00	\$440,792
1-NE	Grind	Walton - Addison to Nevada	6,493	0.30	0.60	47.7	64.0	6.0	\$70.00	\$522,000
1-NE	Grind	Honey - Division to Addison	6,560	0.37	0.74	44.3	59.3	6.0	\$70.00	\$590,120
1-NE	Grind	Superior - Cincinnati to Marion	7,458	0.38	0.77	77.3	51.1	6.0	\$70.00	\$597,240
1-NE	Grind	Mayfair - Central to Francis	5,200	0.25	0.50	43.0	56.0	6.0	\$70.00	\$411,840
1-NE	Grind	Napa - Lee to Oak	4,933	0.19	0.39	44.3	57.0	5.9	\$70.00	\$352,400
1-NE	Grind	Jackson - Overcast to Rockwell	10,212	0.50	0.99	60.0	75.2	5.9	\$70.00	\$196,553
1-NE	Grind	Glenn - State to 3rd	4,603	0.24	0.48	70.7	54.6	5.9	\$70.00	\$359,060
1-NE	Grind	Hagen - Lincoln to Marietta	3,323	0.19	0.38	53.3	69.6	5.6	\$70.00	\$259,220
1-NE	Grind	Lorance - Addison to Nevada	6,493	0.30	0.60	66.0	77.7	5.6	\$70.00	\$522,000
1-NE	Grind	Cherry - Madison to Marion	2,700	0.21	0.42	57.0	75.4	5.6	\$70.00	\$239,600
1-NE	Grind	Madison - Transit to Marion	14,947	0.63	1.26	59.3	62.1	5.6	\$70.00	\$136,933
1-NE	Grind	Lidgerwood - Marion to Indiana	4,467	0.23	0.46	53.7	68.5	5.6	\$70.00	\$264,000
1-NE	Grind	Atlantic - Chapel Hill to Madison - Catalina to Beane	10,305	0.40	0.80	59.3	61.7	5.6	\$70.00	\$193,116
1-NE	Grind	Rockwell - Perry to Pittsburg	4,400	0.25	0.51	51.5	62.9	5.5	\$70.00	\$249,440
1-NE	Grind	Standard - Francis to Addison	6,592	0.31	0.62	46.3	50.5	5.4	\$70.00	\$514,176
1-NE	Grind	Langfellow - Pittsburg to Courtline	6,600	0.30	0.60	54.3	65.4	5.3	\$70.00	\$514,500
1-NE	Grind	Glenn - Division to Marion	6,440	0.37	0.73	64.3	14.4	5.3	\$70.00	\$502,220
1-NE	Grind	Overcast - Perry to Pittsburg	2,931	0.25	0.50	54.0	63.2	5.3	\$70.00	\$251,627
1-NE	Grind	Cincinnati - Bridgeway to Wallerley	14,973	0.65	1.30	52.8	55.9	5.2	\$70.00	\$136,120
1-NE	Grind	Courtland - Francis to Myrtle	4,992	0.24	0.47	51.5	57.1	5.2	\$70.00	\$289,376
1-NE	Grind	Standard - Empire to Rockwell	3,707	0.21	0.42	53.0	59.4	5.2	\$70.00	\$239,120
1-NE	Grind	Rockwell - Division to Nevada	13,200	0.75	1.50	52.2	54.9	5.1	\$70.00	\$1,024,600
1-NE	Grind	Carlisle - Hamilton to Perry	6,439	0.32	0.64	45.2	38.7	4.9	\$70.00	\$533,433
1-NE	Grind	Buckeye - Oakhurst to Rockwell	5,427	0.31	0.62	40.3	44.9	4.9	\$70.00	\$423,280
1-NE	Grind	Langfellow - Addison to Beane	1,417	0.39	0.77	52.3	54.1	4.9	\$70.00	\$521,560
1-NE	Grind	Princeton - Nevada to Perry	4,450	0.25	0.51	64.5	65.0	4.8	\$70.00	\$247,100
1-NE	Grind	Road - Nelson - Transit to Beane	5,667	0.27	0.55	55.3	44.7	4.2	\$70.00	\$442,000
1-NE	Grind	Cincinnati - Olympic to Joseph	5,027	0.46	0.91	59.3	49.8	4.1	\$70.00	\$426,800
1-NE	Grind	Marion - Hamilton to Perry	5,211	0.25	0.51	64.5	46.0	4.0	\$70.00	\$442,417
1-NE	Grind	Oak - Euclid to Empire	9,976	0.47	0.94	67.2	25.4	2.4	\$70.00	\$779,120
1-NE	Grind	Hagen - Dallas to Bridgeway	2,207	0.13	0.26	19.0	53.7	2.4	\$70.00	\$172,120
1-NE	Grind	Broad - Addison to Cincinnati	6,430	0.38	0.76	19.7	73.1	2.1	\$70.00	\$521,000
1-NE	Grind	Susan - Addison to Cincinnati	4,393	0.25	0.50	14.5	64.0	4.3	TD	





Planning Worksheet

AutoSaveOff

2025-2030LocalProjectPlanning-052125.xlsx · Saved to this PC

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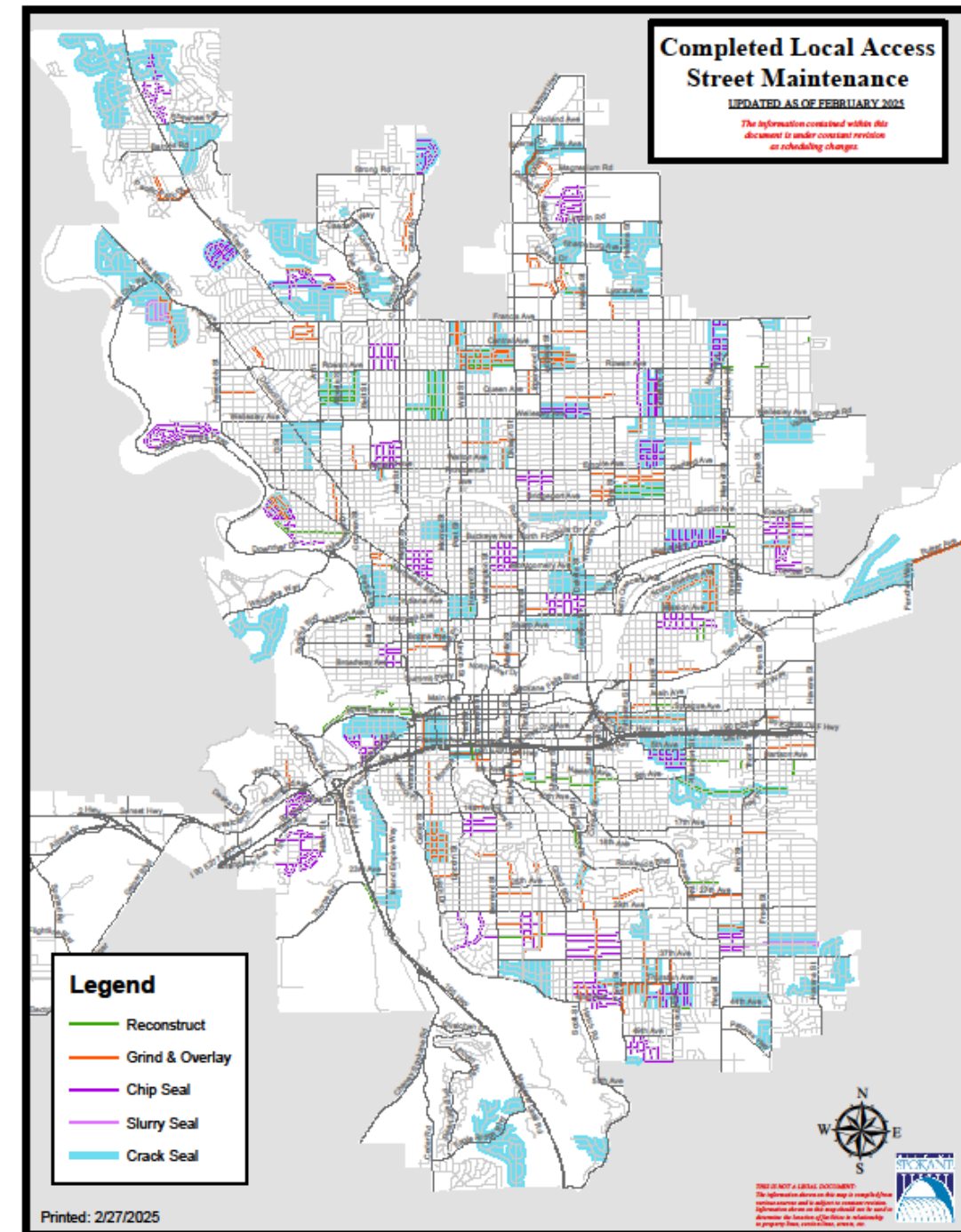
Transportation Committee Timeline 2025

- **Approved Project List by July**
 - Future Years Start Review in Spring
- **Plan Chartered in August/September**
- **Council Approval in August or by end of September**
 - Future Years Approval by August
- **Start Design in October/November**
 - Out for Bids Early Next Year
 - Construction Starting in April+





- *Funded by Transportation Benefits District and Others*





QUESTIONS?

