

How Does A Project Make it into the City's Transportation Budget

- Safety
- Deteriorated Pavement Condition
- Pedestrian & Bicycle Improvements
- Bridge Deteriorated Condition
- Utility Infrastructure
- Requests by Adjoining Municipalities
- Timely Ability to get Developer Contributions
- Extensions or Realignment in Accordance with Adopted Neighborhood Plans
- Roadway Congestion



Goals / Mission

- Plan, Design, Construct & Maintain High Quality Transportation Facilities
- Safe, Convenient, Balanced Transportation System
 - Vehicle, Bicycle, Pedestrian & Transit
- Responsible and Efficient use of public funds
- Innovative & State of the art designs to position Madison as a leading city in ped/bike & increase non motorized trips



Sustainability

- Stormwater
 - Rain Gardens
 - Bio Retention
 - Sediment Control
- Pavement
 - Permeable Pavement
 - Permeable Sidewalk
 - Recycling in Pavements
- Tree
 - Silva Cell
 - Tree Vaults
- Energy usage
 - LED street lights
 - LED signals

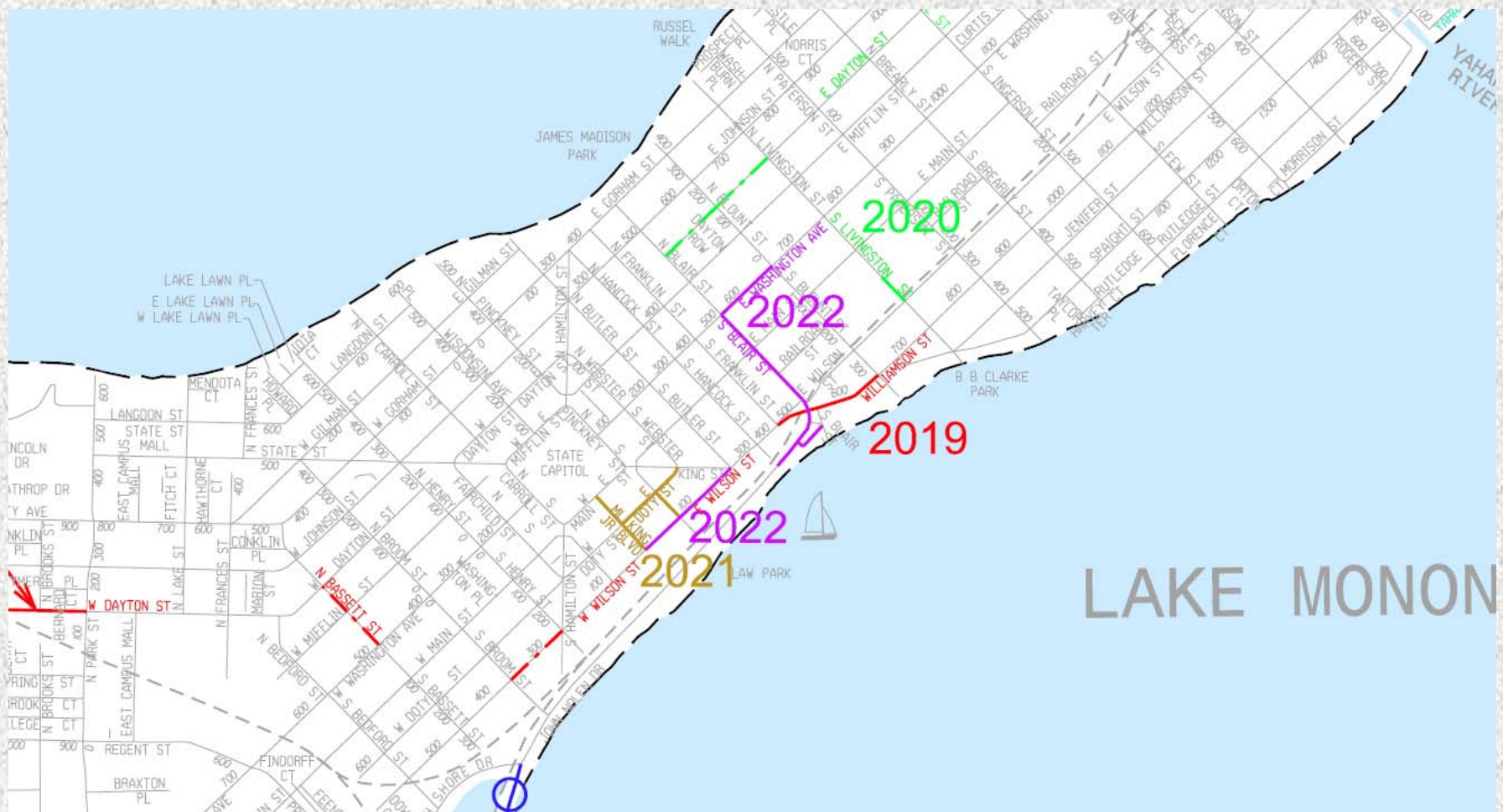


How to get info

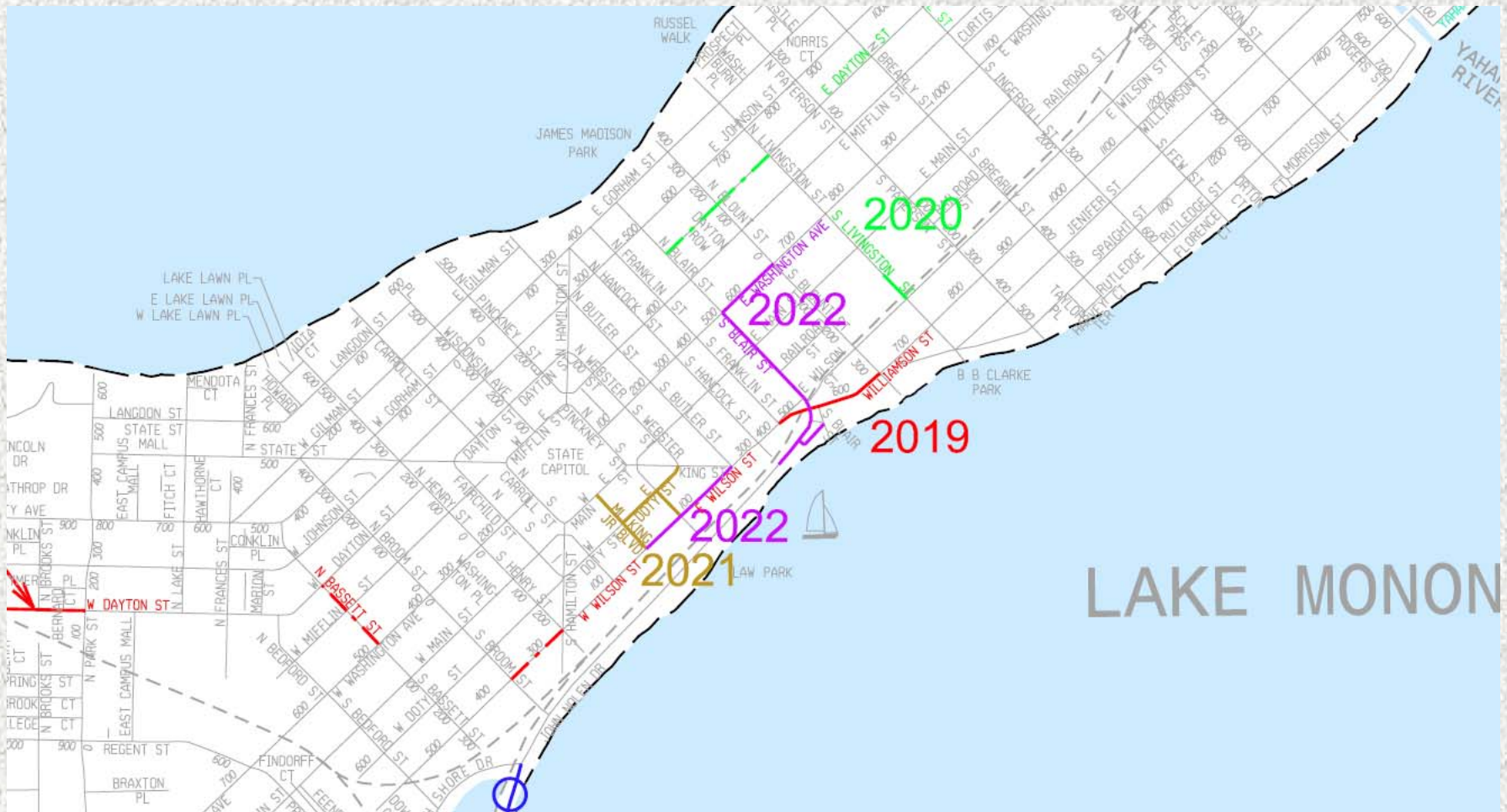
- <http://www.cityofmadison.com/engineering/projects>
- Chris Petykowski 267-8678
cpetykowski@cityofmadison.com



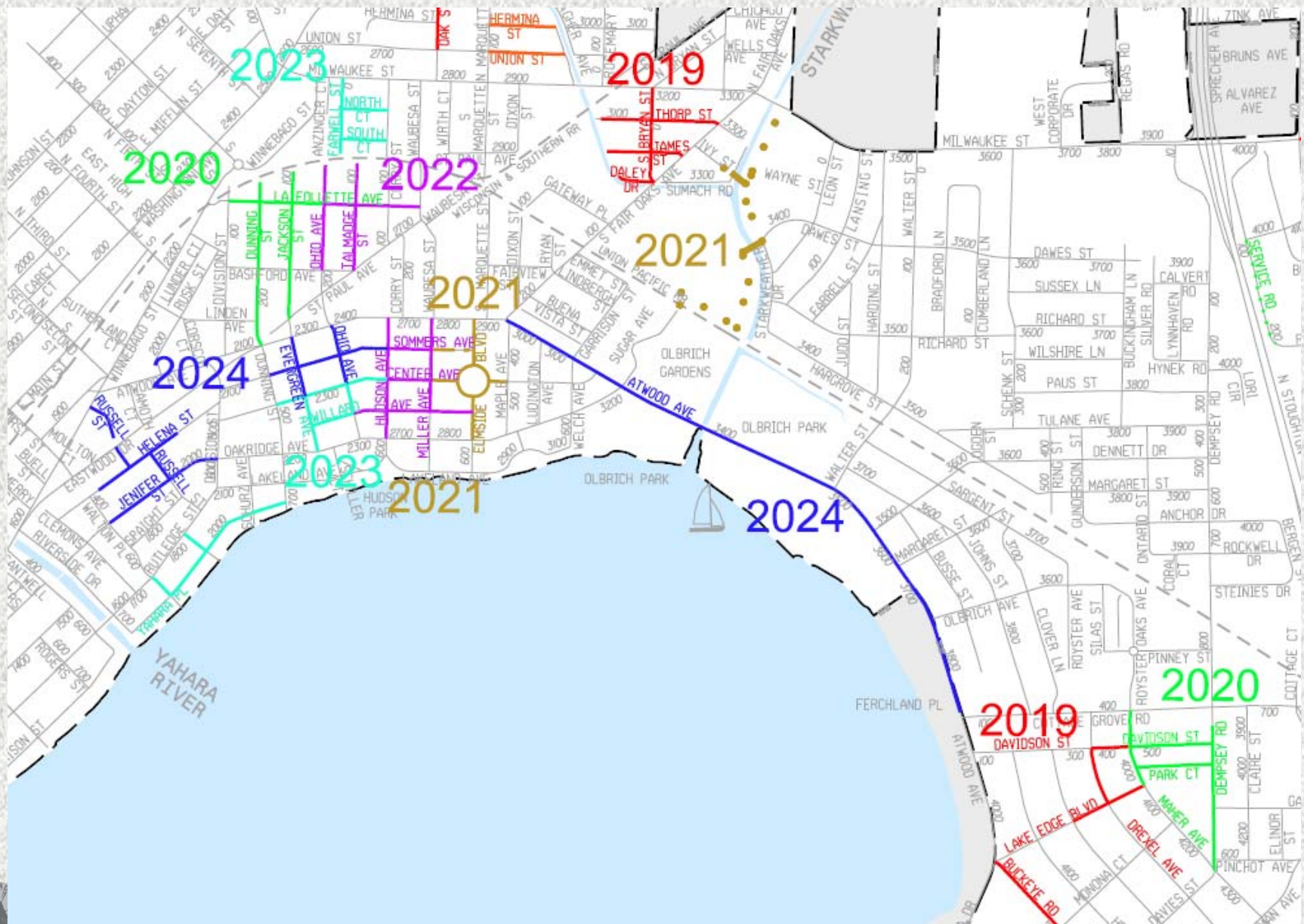
Capital Outer Loop 2011-22



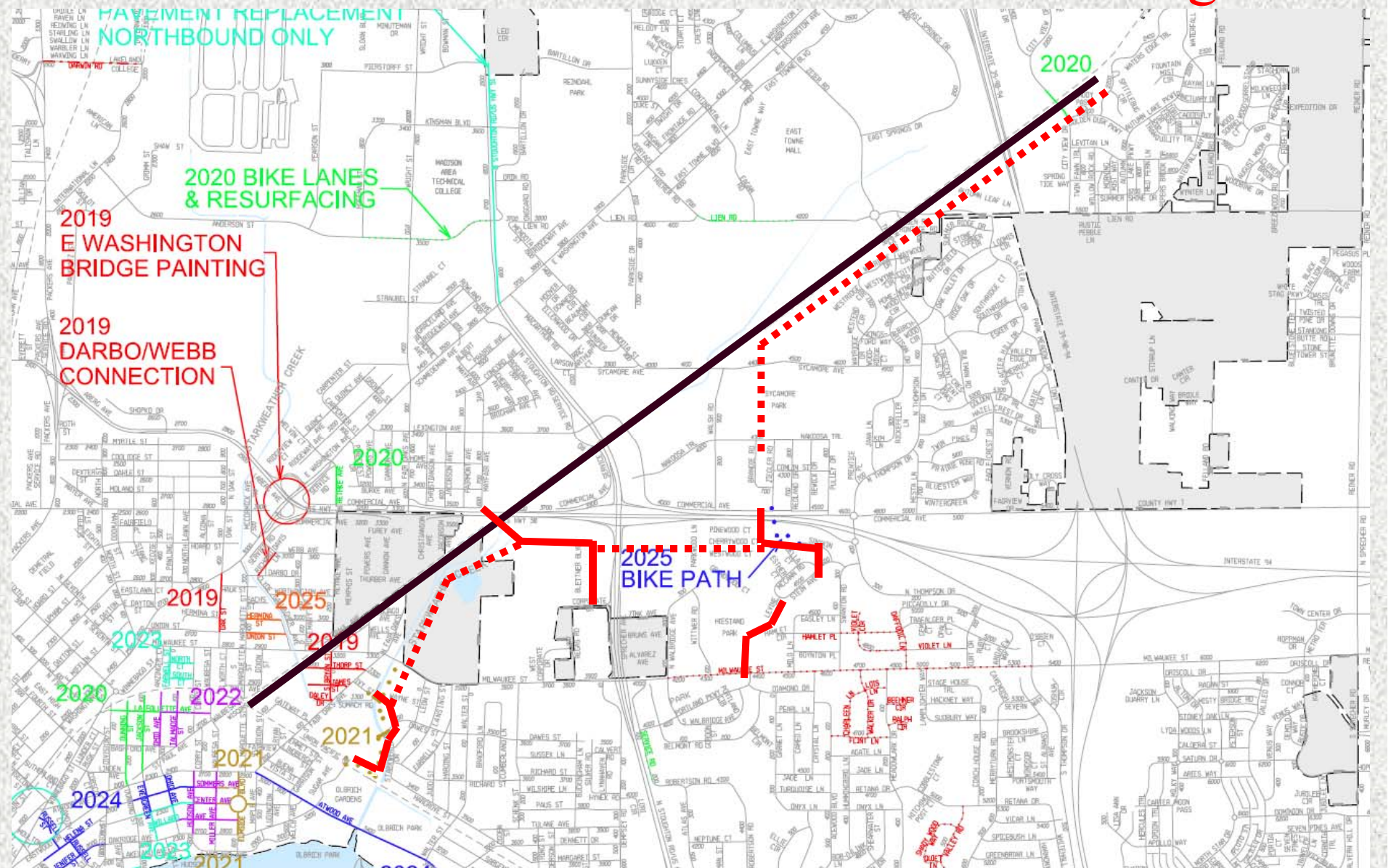
Blair/Wilson/Williamson Street



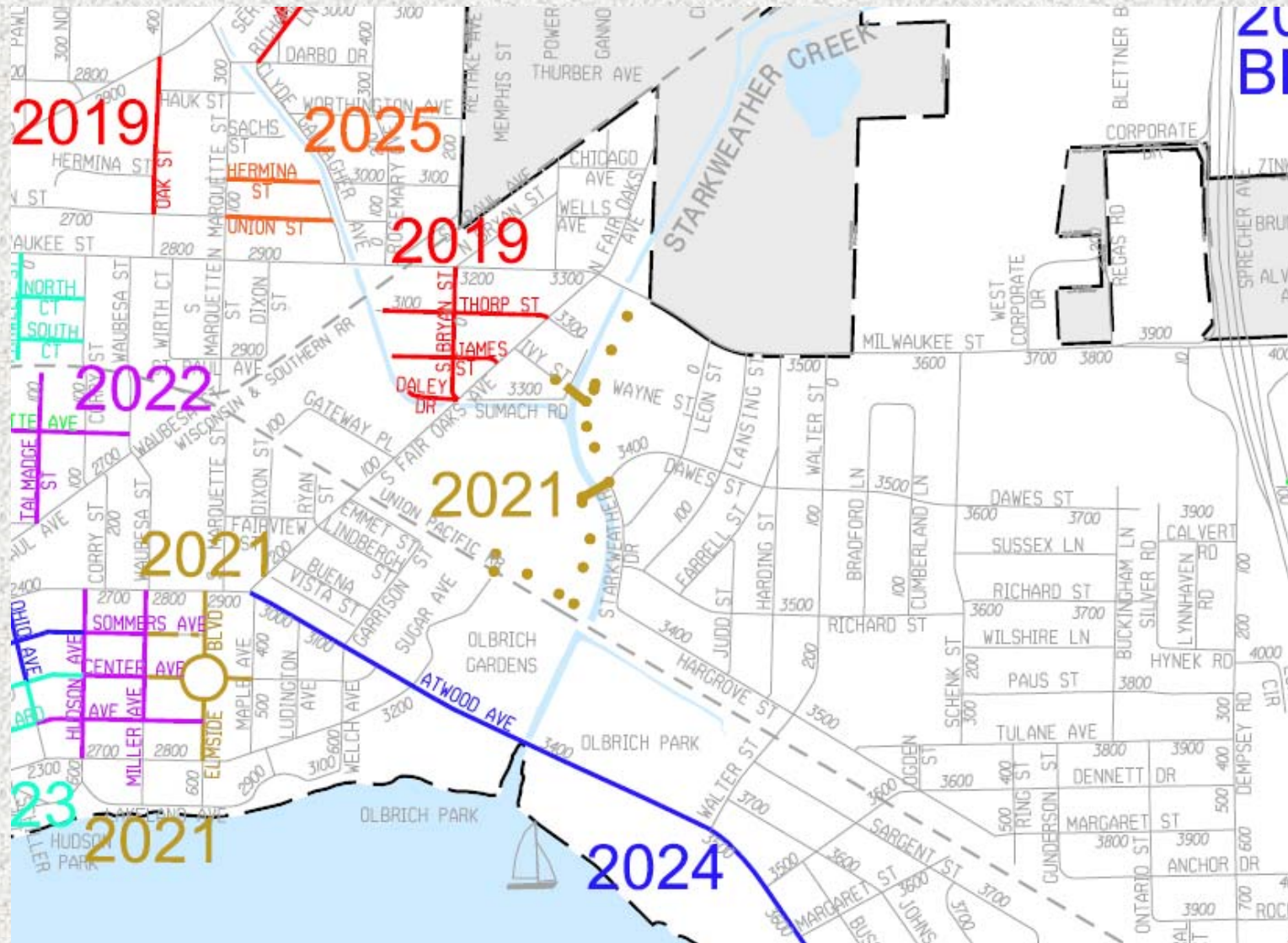
Atwood



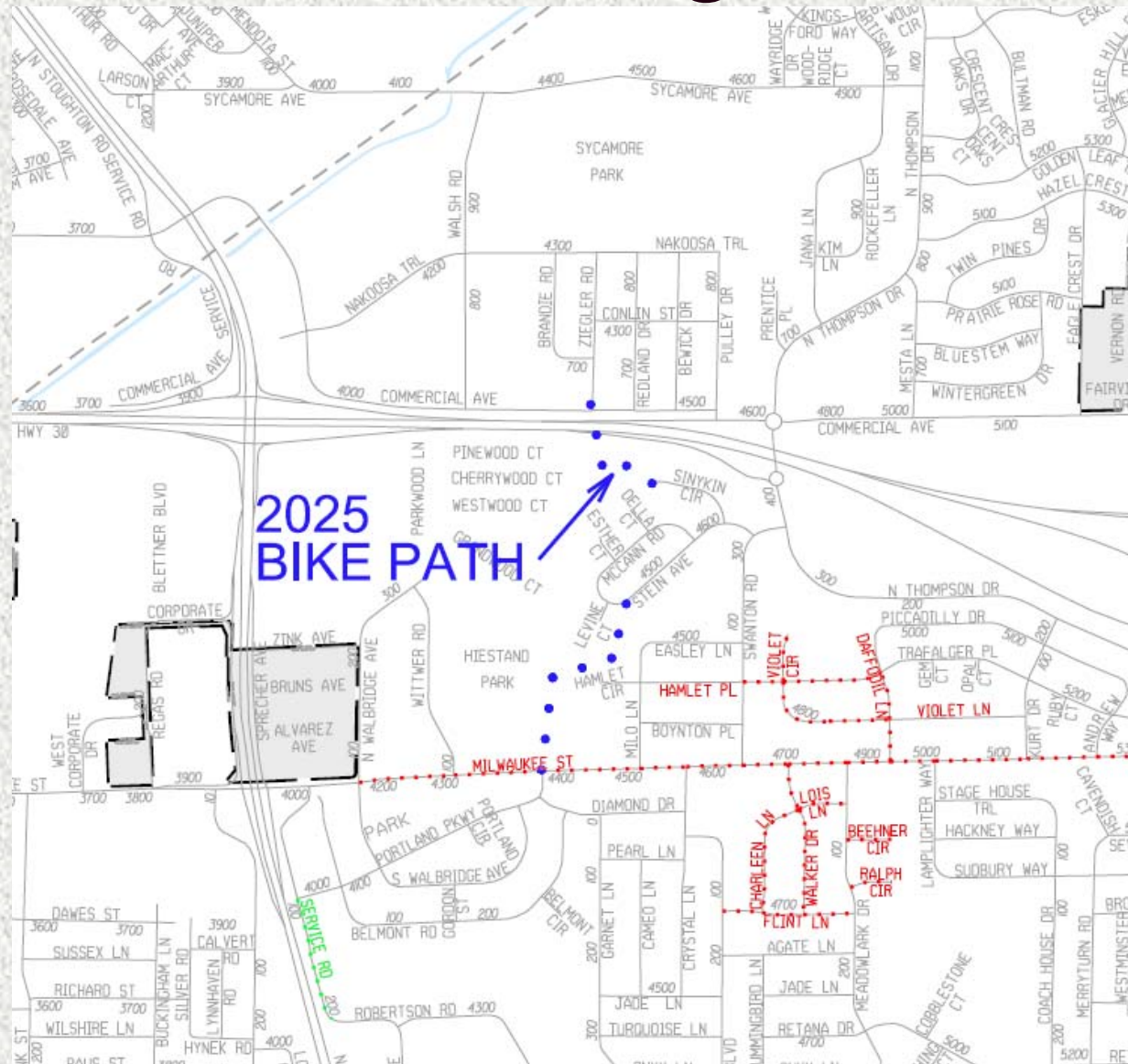
Goodman Path → Garver Path & Autumn Ridge Path



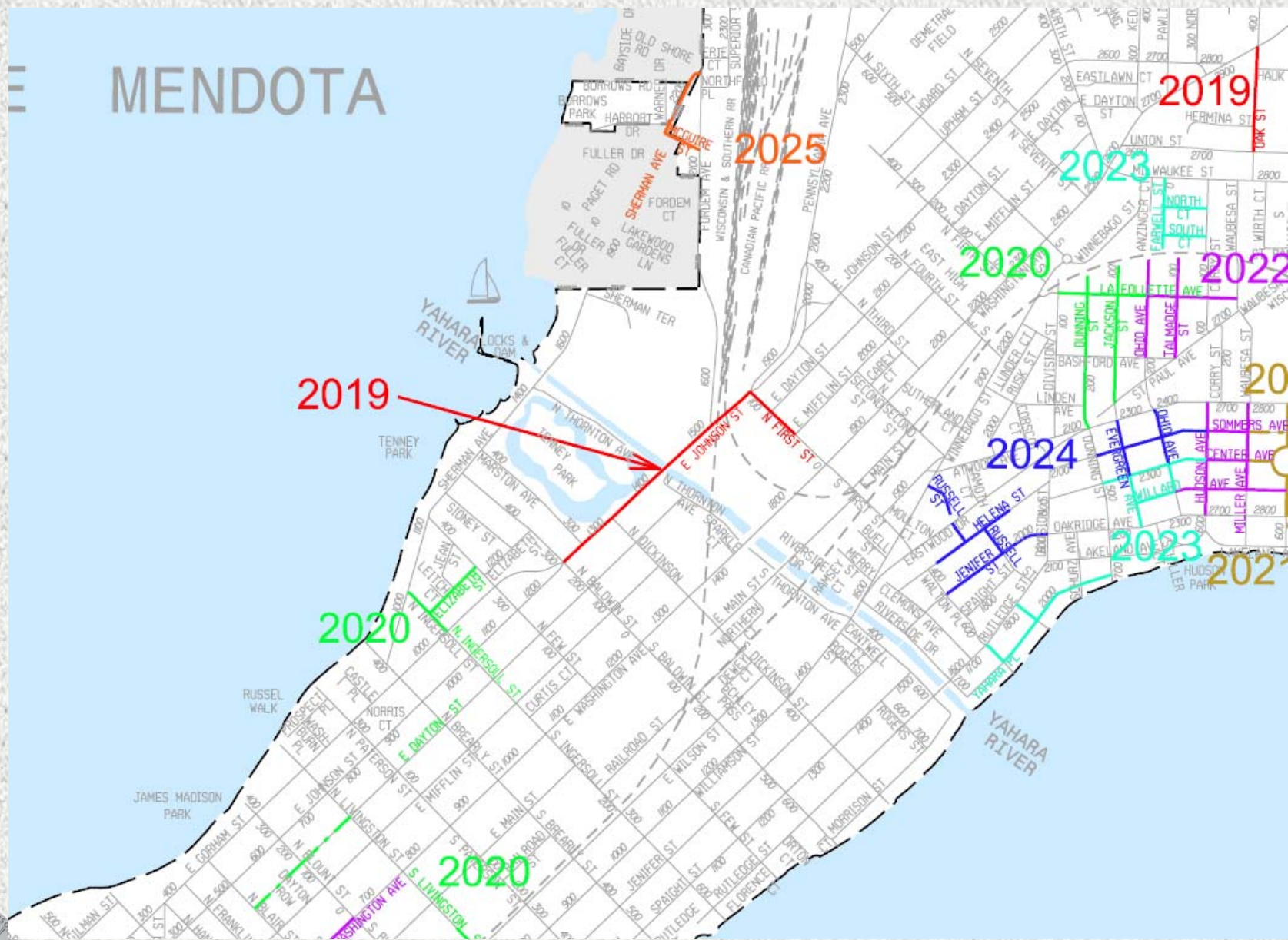
Garver Path



Autumn Ridge Path



E Johnson



John Nolen Dr

2024 RECONSTRUCTION
& BRIDGE REPLACEMENT

2019 CONCRETE
REPAIRS NB

2020
CEDAR ST

2022

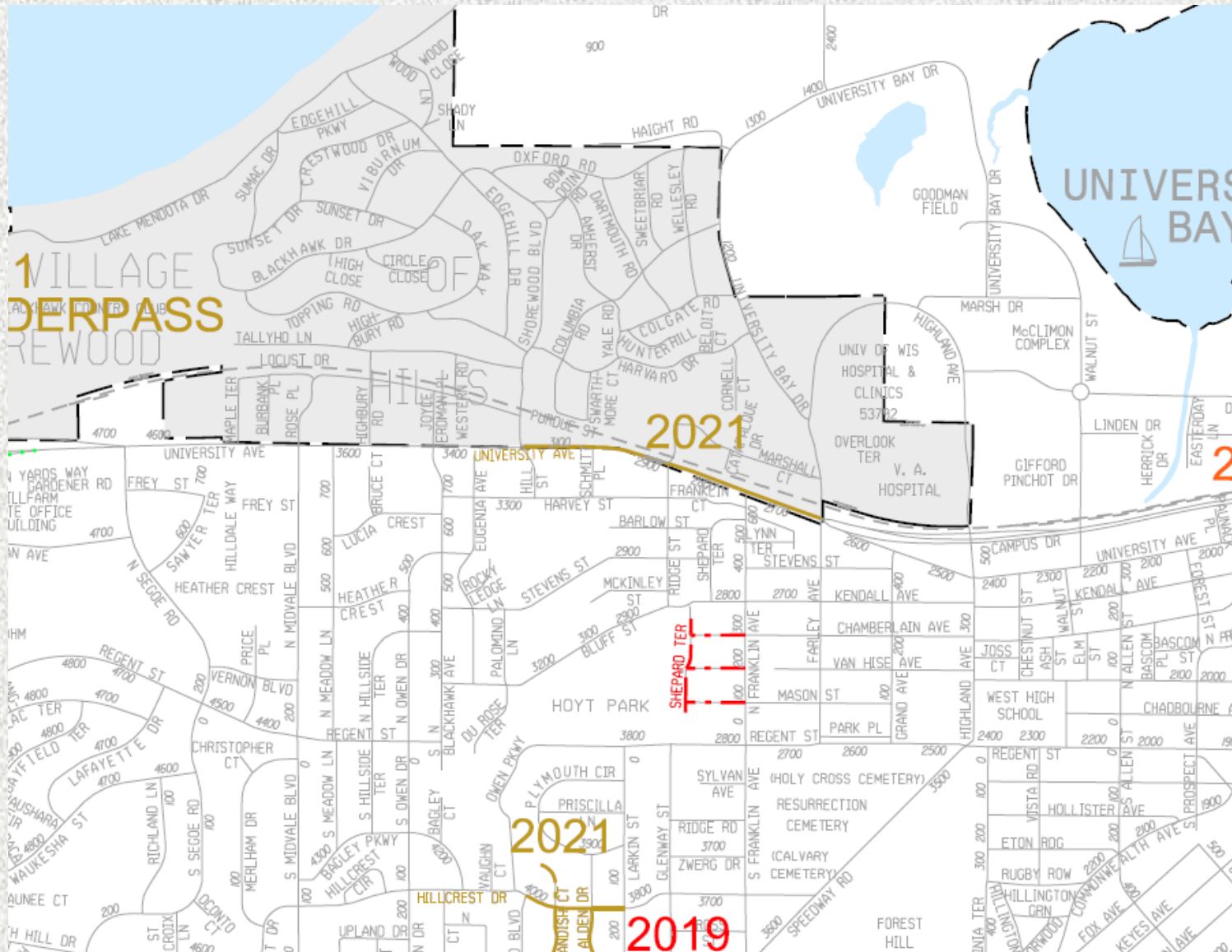
2019 RESURFACING
CITY OF MONROE

2019 CONCRETE
REPAIRS SB



City of Madison Engineering

University Ave



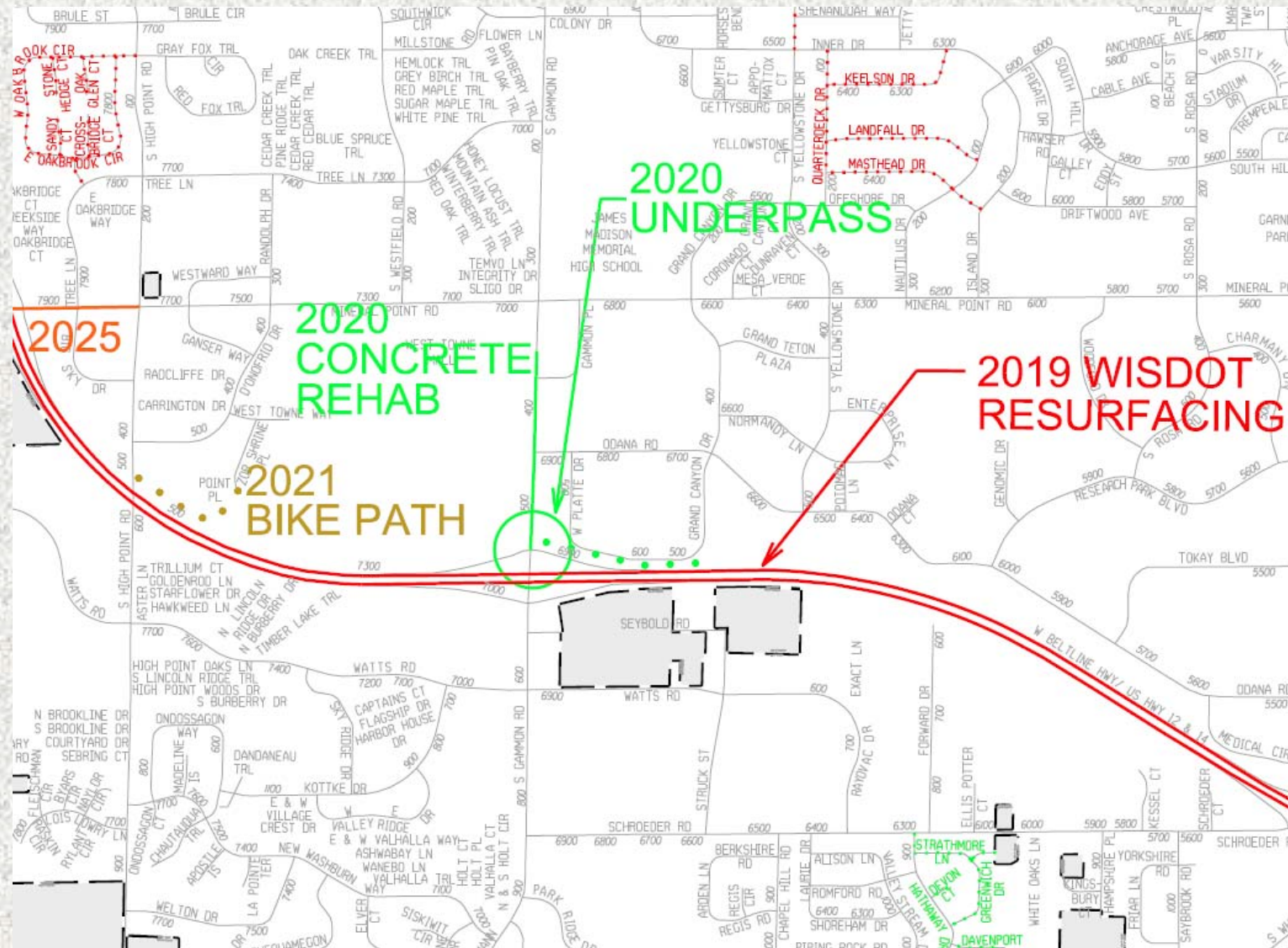
Old Middleton Underpass

Old Middleton Rd Resurfacing



City of Madison Engineering

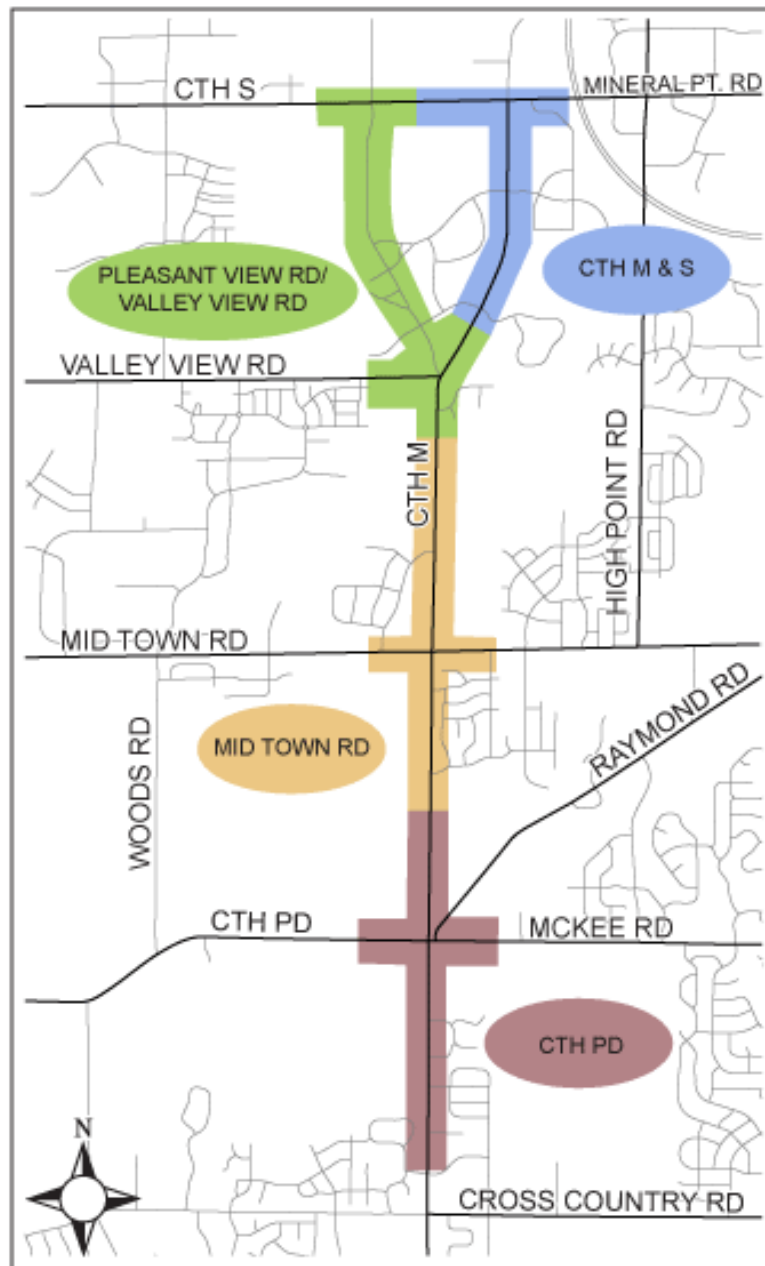
Gammon Rd / West Towne Path



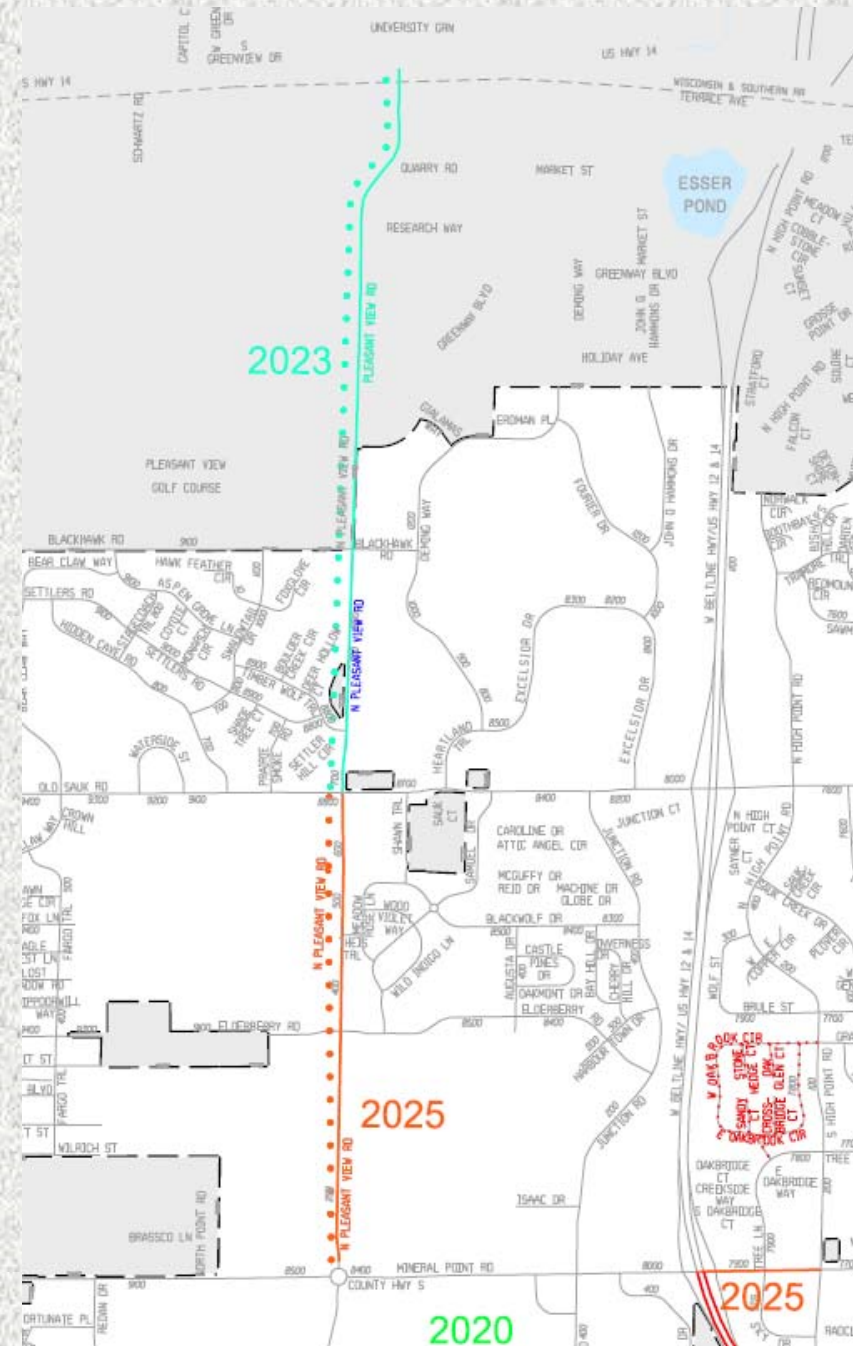


CTH M Corridor

- Project Schedule
 - 2010-2011 Pleasant View / Valley View
 - 2012-2014 CTH M & S
 - 2017-19 CTH PD Area
 - 2017-19 Mid Town Rd Area

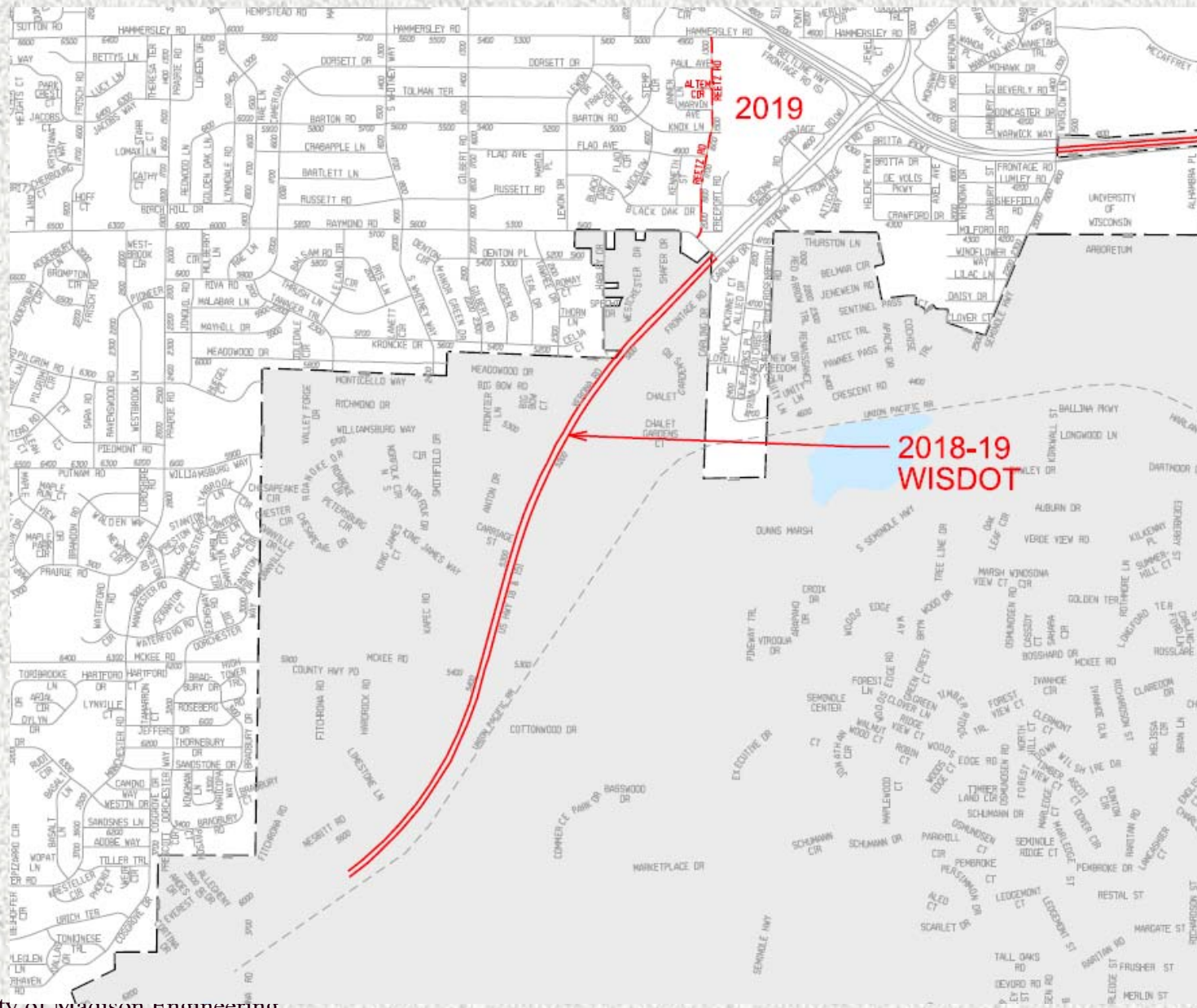


Pleasant View Rd



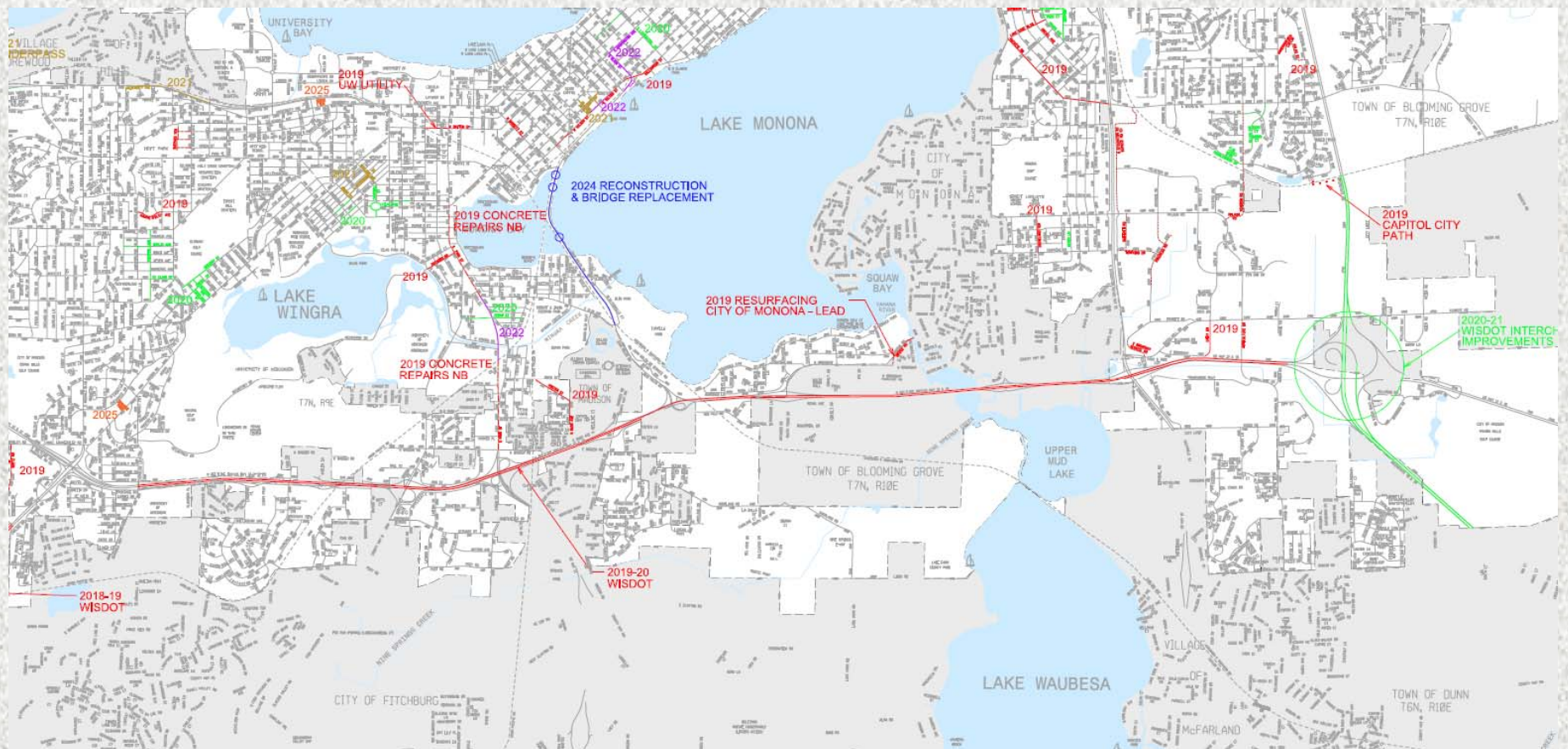
City of Madison Engineering

Verona Road (WisDOT)

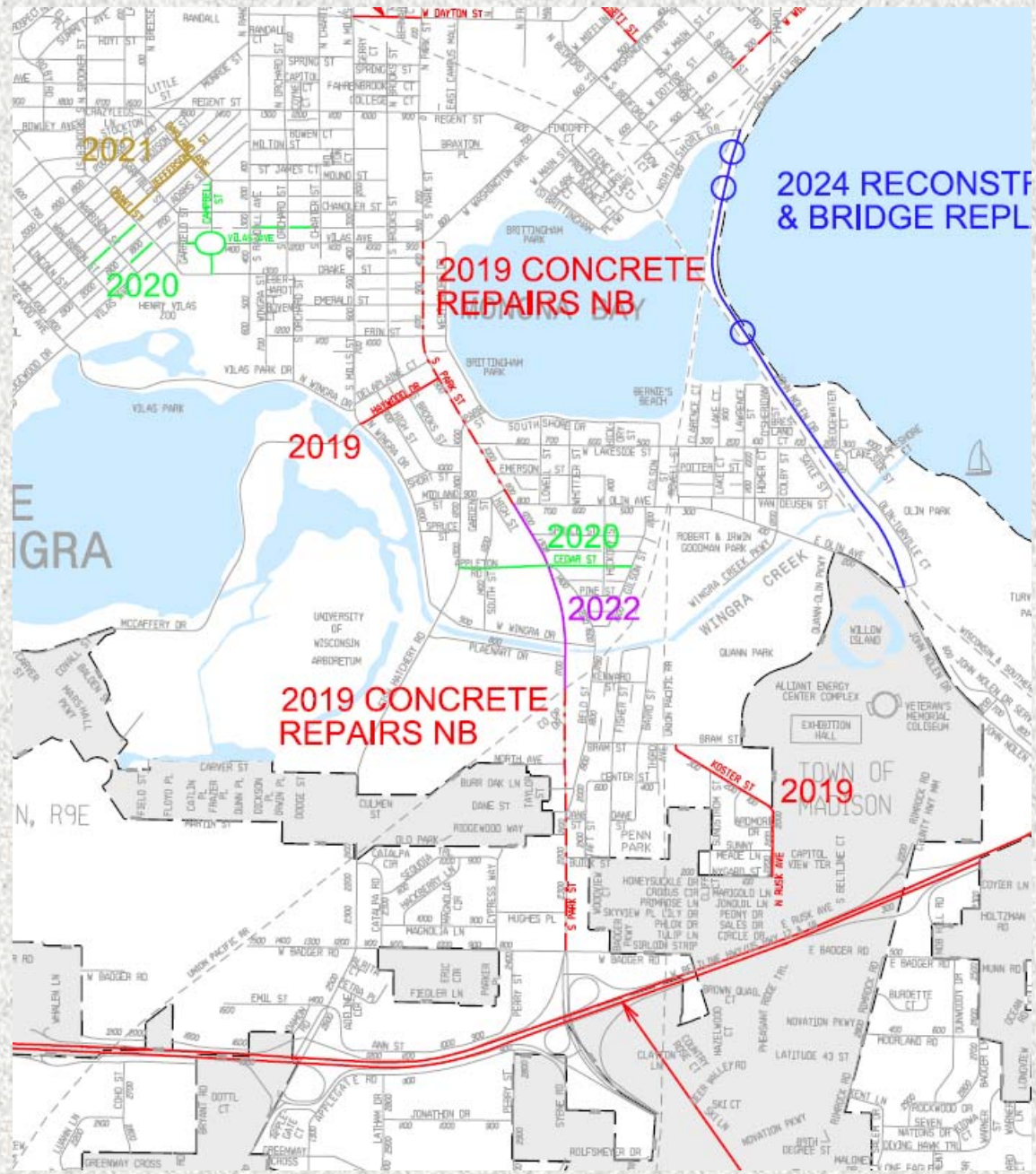


Beltline Resurfacing (WisDOT)

Beltline Interchange

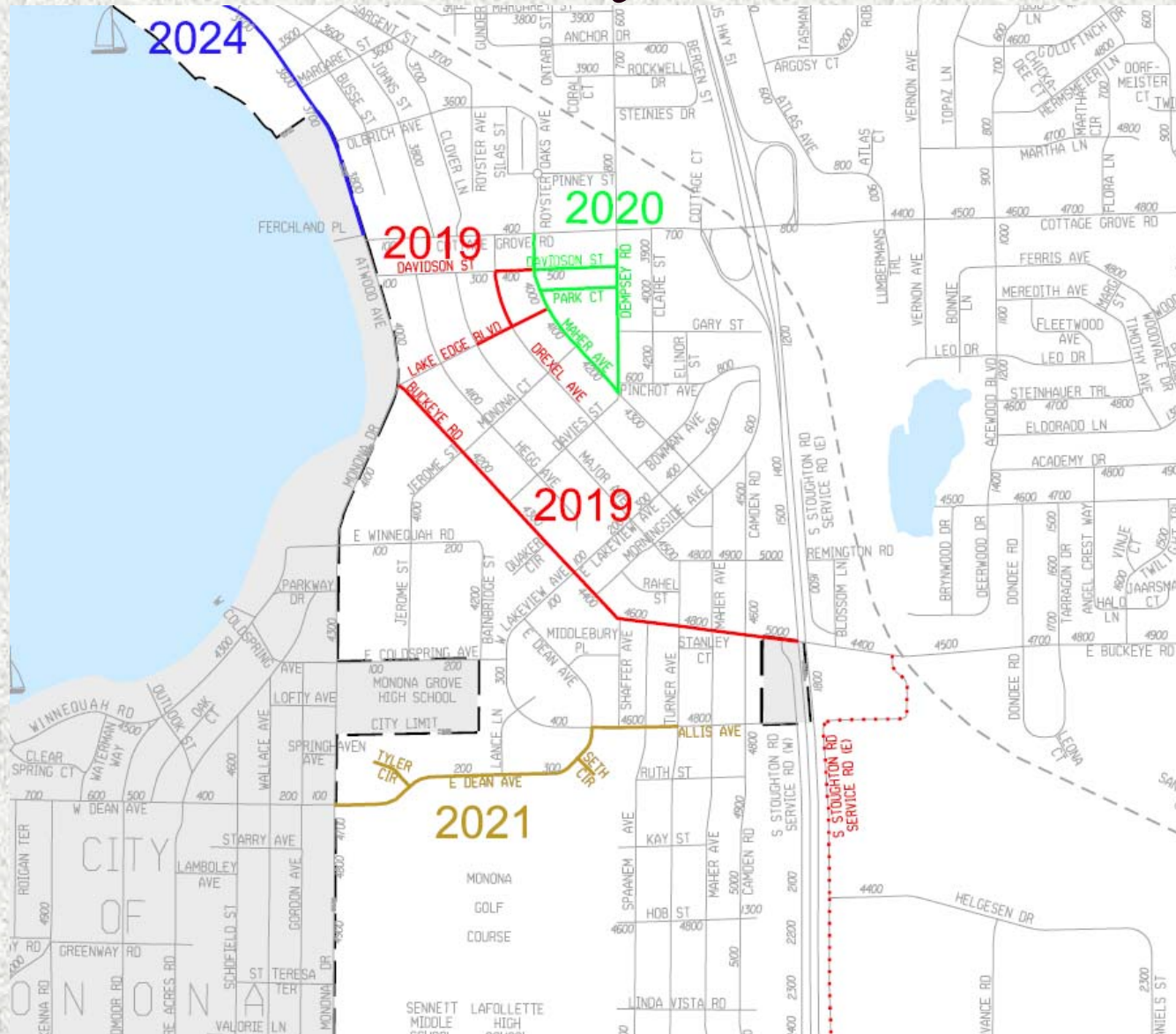


South Park Street

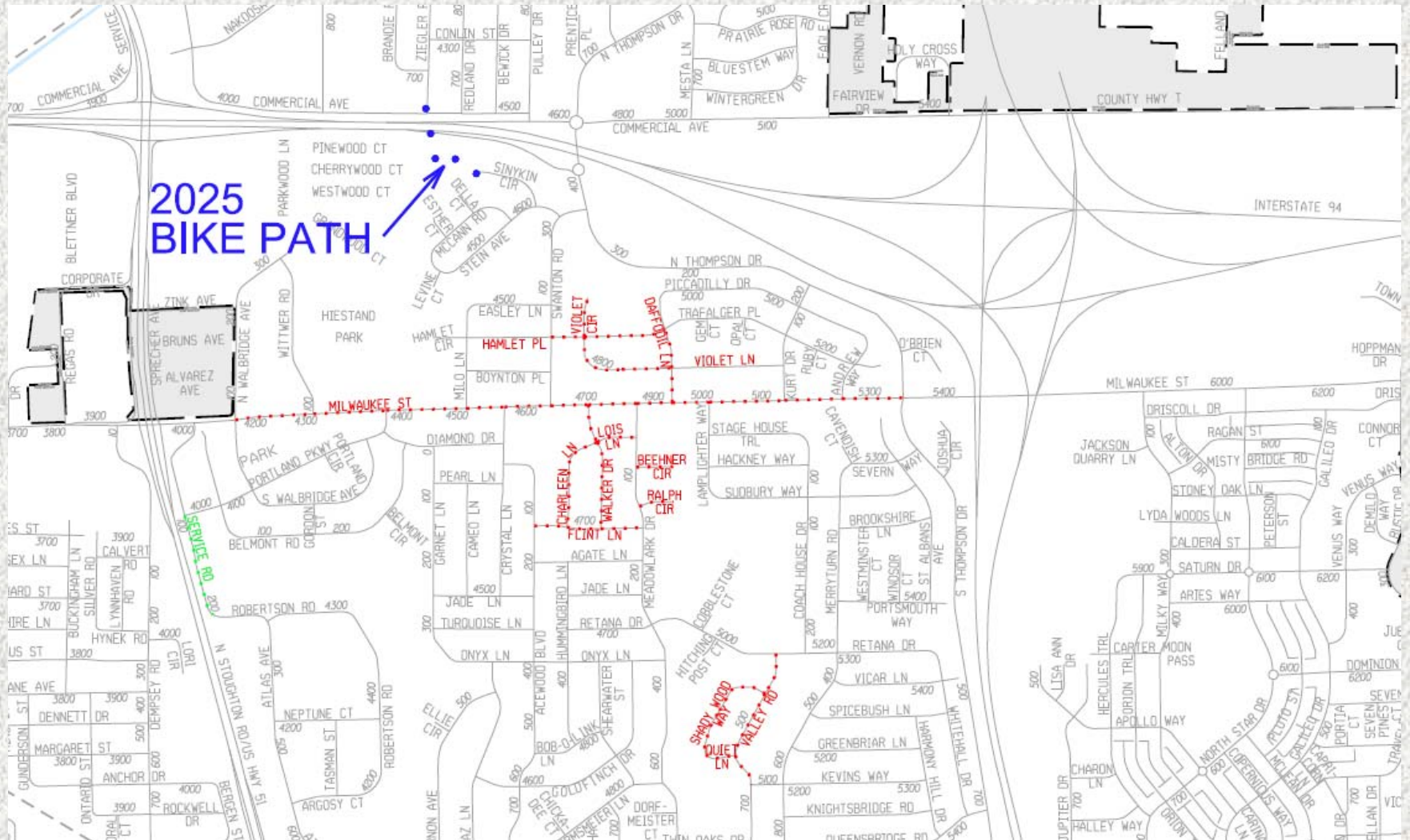


City of Madison Engineering

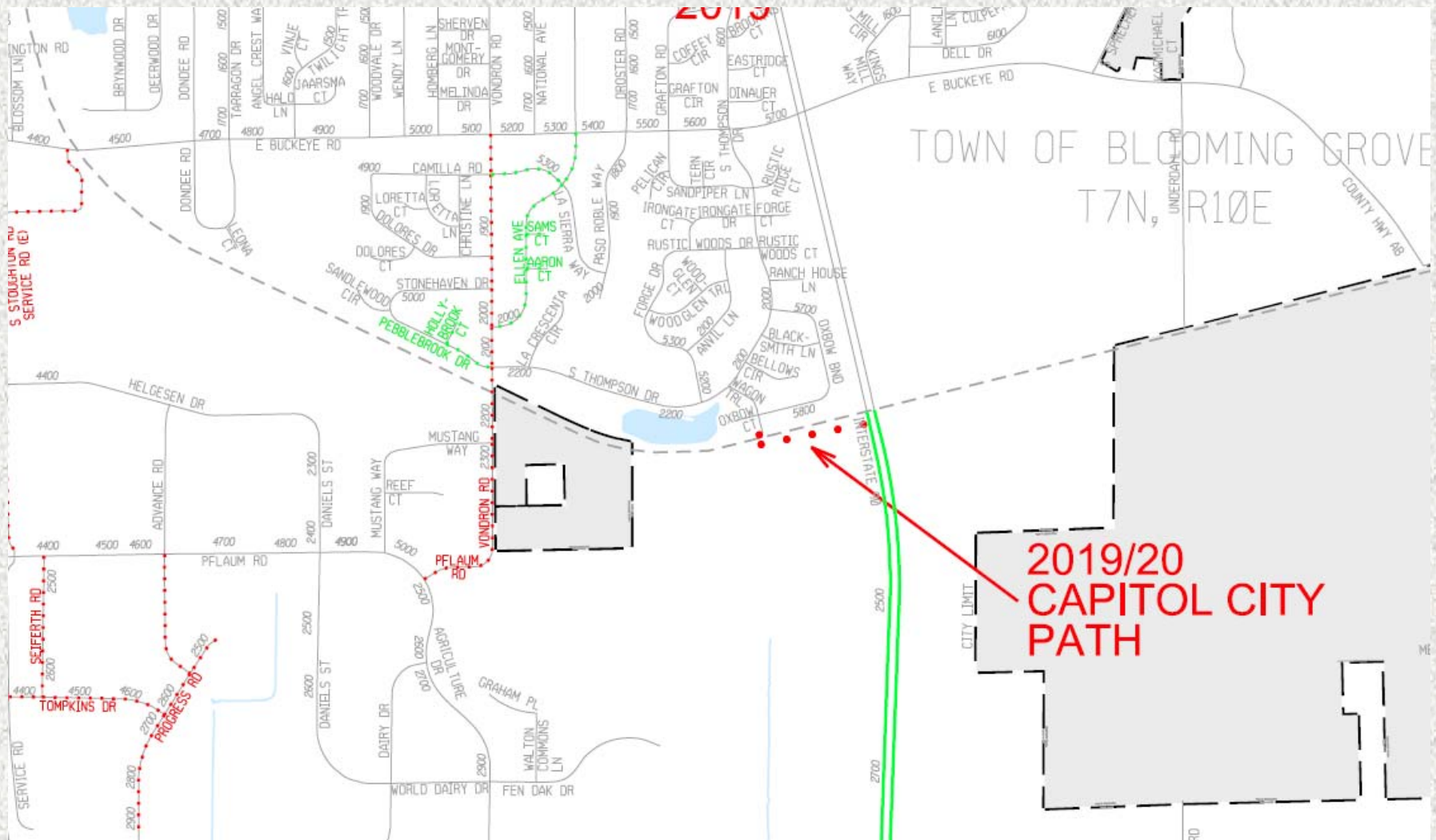
Buckeye Rd



Milwaukee St



Capital City Trail



Cottage Grove Road

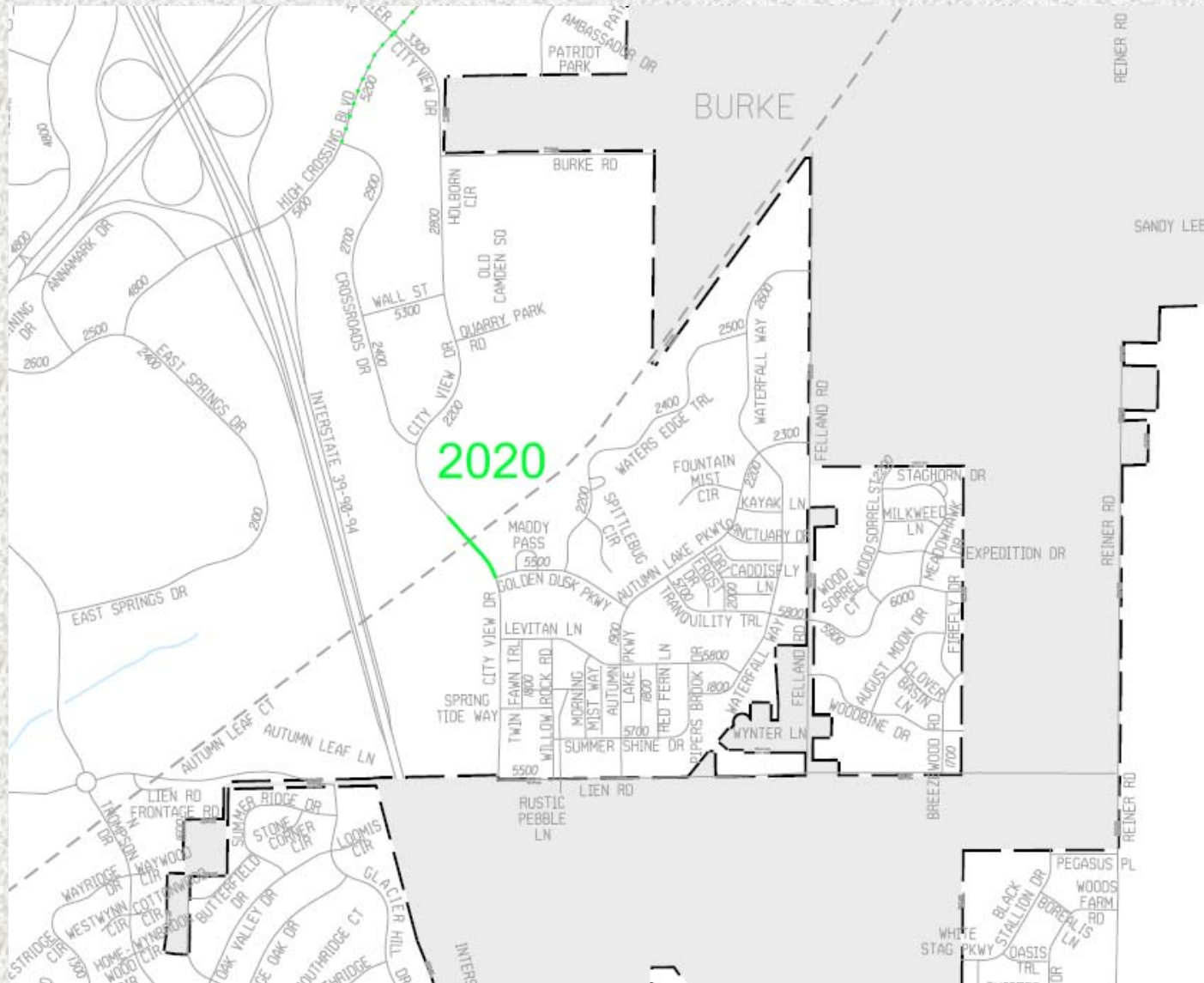
2020

2019

City of Madison Engineering

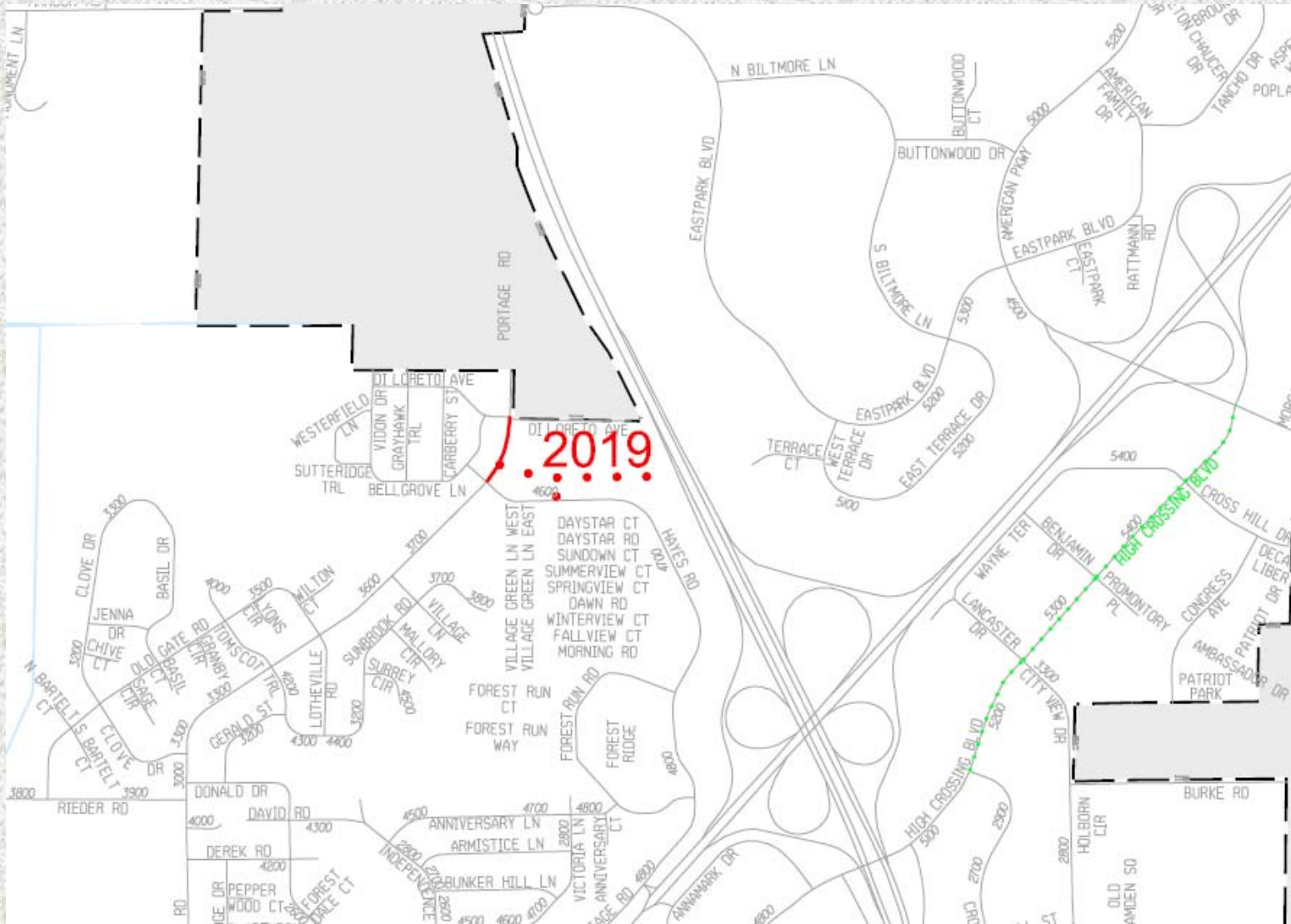


City View Dr



City of Madison Engineering

Portage Rd Path



City of Madison Engineering

Troy Dr Underpass



Reconstruct Streets 2020

- Reconstruct 4.1 mi
- N Ingersoll St/Elizabeth St
- Dunning St/Jackson St/LaFollete Ave
- Vilas Ave/Campbell St
- Gregory St/Copeland St/Cross St/Western Ave
- Cedar St
- City View Dr
- Rethke Dr
- Alley 1900 Block Adams/Jefferson/Vilas
- Alley 1200 Block Chandler/Vilas
- Belin St/Park Way
- Davidson St/Park Ct/Dempsey Rd/Maher Ave
- Rockstream Dr
- S Livingston



Pavement Management 2020

- Chip Seal 50-70 mi
- Crack Seal 50-100 mi
- Resurface 6.2 mi
- Old Middleton Rd/Craig Ave
- S Stoughton Service Rd
- Hathaway Dr/Strathmore Ln/Greenwich Dr/Devon Ct/Davenport Dr/Glenbrook Cir
- Ellen Ave/Aaron Ct/Sams Ct/Camilla Rd/Pebblebrook Dr/Hollybrook Ct
- E Dayton St
- Holly Ave/ Euclid Ave/Toepfer Ave/ St Clair St
- Lien Rd
- Anderson St
- S Brooks St
- Independence Ln
- High Crossing Blvd



Bikeways Program

- Resurfacing & Smaller Path Projects
- Wayfinding & Signature Route Improvements
- 2019 Portage Rd Path / Eastlawn Plat Bridge
- 2020 SW Path Resurfacing
- Candidate Future Projects:
 - Riverside Diagonal Crossing
 - Demetral Path & Lighting
 - Sauk Creek Path



Sidewalk Program

- 2019 District 1 – McKinney
 District 7 – Hurd Moreland
 District 9 - Skidmore
- 2020 District 4 - Verveer
 District 8 – Reddy
- 2021 District 13 - Evers
 District 14 - Carter



Safety Program

- Proposed new program to fund projects which can help reduce severe crashes



Bus Rapid Transit

- 2019-2020 Continue Study
- 2021 Final Design
- 2022-23 East/West Route Capitol Improvements
- 2024 Start service



State of Our Streets



City of Madison Engineering

State of Our Local Streets

		Local	2001	2010	2013	2014	2015	2016	2017	2018	
		% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
		% Miles at or below Cond State 9	93.9%	98.6%	98.3%	98.8%	98.1%	98.1%	96.6%	94.6%	
		% Miles at or below Cond State 8	88.3%	92.6%	92.9%	93.6%	94.9%	95.2%	94.3%	92.2%	
		% Miles at or below Cond State 7	68.2%	56.0%	59.0%	70.8%	64.1%	61.6%	61.8%	53.2%	
		% Miles at or below Cond State 6	61.8%	40.7%	35.8%	39.0%	41.8%	43.7%	45.9%	44.3%	
Goal 30%		% Miles at or below Cond State 5	34.9%	28.5%	28.1%	27.9%	27.6%	28.4%	27.8%	25.9%	
		% Miles at or below Cond State 4	11.6%	6.7%	12.4%	16.2%	17.5%	18.8%	18.2%	16.2%	
		% Miles at or below Cond State 3	2.4%	0.6%	1.1%	2.8%	2.7%	2.9%	3.5%	3.1%	
		% Miles at or below Cond State 2	0.9%	0.0%	0.0%	0.1%	0.1%	0.2%	0.2%	0.2%	
		% Miles at or below Cond State 1	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
		% Miles at or below Cond State 0	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Goal: less than 30% of total miles of local streets at or below 5



City of Madison Engineering

State of Our Collector Streets

	Collector	2001	2010	2013	2014	2015	2016	2017	2018
	% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% Miles at or below Cond State 9	94.2%	96.9%	98.8%	98.2%	96.4%	97.1%	96.7%	95.1%
	% Miles at or below Cond State 8	86.1%	89.0%	90.9%	92.3%	90.8%	93.1%	93.0%	91.5%
	% Miles at or below Cond State 7	58.3%	48.5%	51.4%	64.6%	58.8%	51.7%	61.5%	53.1%
	% Miles at or below Cond State 6	48.6%	32.4%	33.1%	39.8%	39.0%	41.4%	44.3%	43.1%
Goal 20%	% Miles at or below Cond State 5	27.8%	19.3%	21.1%	21.7%	18.9%	22.7%	23.1%	21.3%
	% Miles at or below Cond State 4	6.0%	4.7%	9.1%	10.9%	9.1%	9.5%	10.2%	9.5%
	% Miles at or below Cond State 3	0.3%	0.8%	1.0%	4.8%	2.9%	2.8%	3.2%	3.0%
	% Miles at or below Cond State 2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
	% Miles at or below Cond State 1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
	% Miles at or below Cond State 0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%

Goal: less than 20% of total miles of collector streets at or below 5



State of Our Arterial Streets

	Arterial	2001	2010	2013	2014	2015	2016	2017	2018
	% Miles at or below Cond State 10	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
	% Miles at or below Cond State 9	98.3%	92.0%	97.3%	97.6%	98.0%	97.9%	97.8%	95.1%
	% Miles at or below Cond State 8	87.0%	76.6%	80.0%	84.7%	89.8%	89.7%	93.6%	90.7%
	% Miles at or below Cond State 7	58.4%	47.0%	44.7%	60.4%	56.4%	46.1%	53.8%	42.5%
	% Miles at or below Cond State 6	46.3%	28.2%	24.4%	32.7%	37.8%	38.9%	37.8%	36.5%
Goal 15%	% Miles at or below Cond State 5	23.3%	15.8%	11.8%	16.5%	18.4%	23.0%	26.3%	24.6%
	% Miles at or below Cond State 4	2.0%	8.1%	5.0%	6.3%	7.1%	7.5%	8.8%	6.9%
	% Miles at or below Cond State 3	0.5%	0.8%	0.2%	1.9%	2.4%	2.3%	2.5%	1.6%
	% Miles at or below Cond State 2	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	% Miles at or below Cond State 1	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	% Miles at or below Cond State 0	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Goal: less than 15% of total miles of arterial streets at or below 5



State of Our Paths

All Paths	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
% Miles at or below Cond State 10	100.0%	#DIV/0!	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	
% Miles at or below Cond State 9	92.8%	#DIV/0!	78.9%	78.2%	97.0%	91.7%	86.5%	81.8%	78.9%	92.7%	90.9%	89.0%	94.7%	
% Miles at or below Cond State 8	77.8%	#DIV/0!	61.0%	60.6%	73.3%	68.6%	65.0%	60.0%	57.5%	69.8%	68.3%	67.5%	76.4%	
% Miles at or below Cond State 7	39.6%	#DIV/0!	22.2%	22.1%	36.8%	32.6%	29.8%	26.2%	24.4%	46.3%	45.1%	44.7%	57.6%	
% Miles at or below Cond State 6	31.9%	#DIV/0!	21.8%	21.7%	20.3%	16.6%	14.4%	11.7%	10.2%	20.0%	19.0%	18.4%	25.7%	
% Miles at or below Cond State 5	15.1%	#DIV/0!	8.0%	7.9%	9.9%	6.6%	5.6%	3.7%	2.3%	4.7%	4.3%	4.3%	11.1%	
% Miles at or below Cond State 4	2.9%	#DIV/0!	0.5%	0.5%	0.5%	0.5%	0.5%	0.8%	0.1%	1.1%	1.1%	1.1%	1.5%	
% Miles at or below Cond State 3	0.5%	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.3%	0.3%	0.3%	0.0%	
% Miles at or below Cond State 2	0.0%	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.3%	0.3%	0.3%	0.0%	
% Miles at or below Cond State 1	0.0%	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.3%	0.3%	0.3%	0.0%	
% Miles at or below Cond State 0	0.0%	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.3%	0.3%	0.3%	0.0%	



Comments or Project Suggestions



City of Madison Engineering