2022 CAPITAL IMPROVEMENT PROJECTS

STREET CONSTRUCTION

PARKS IMPROVEMENT

PUBLIC WORKS EQUIPMENT PURCHASING

2022 Road Construction Capital Projects

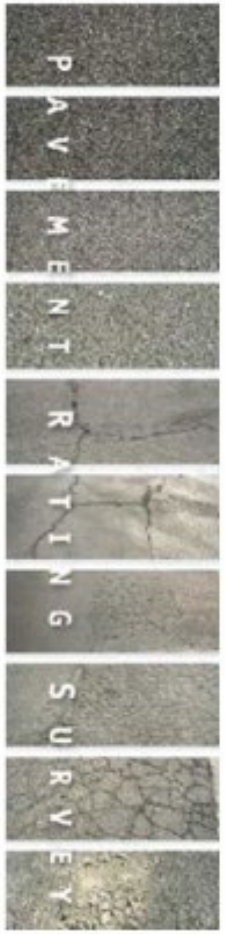
City of Stoughton

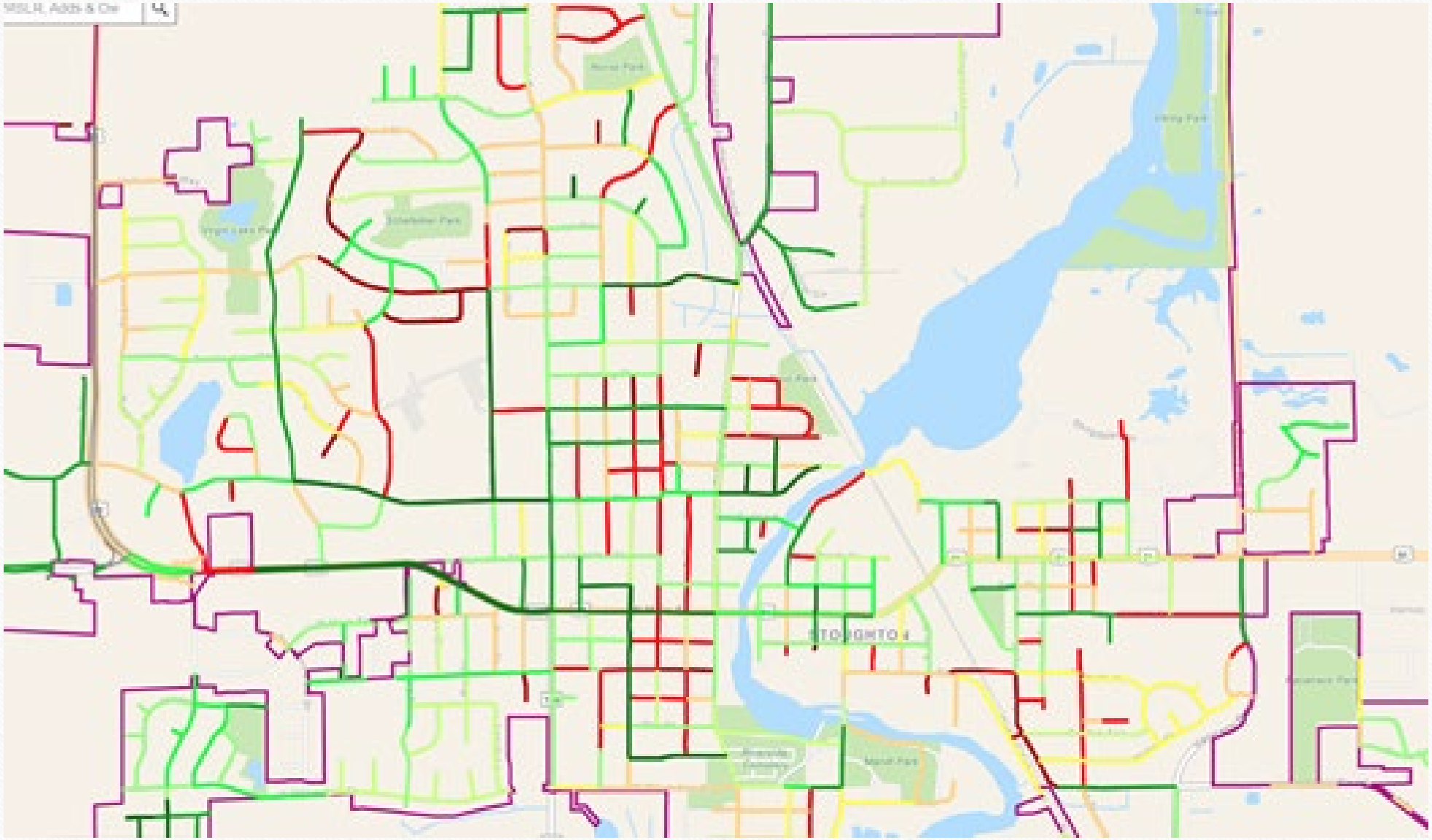
How are Roads Selected for Resurfacing?

- PACER Rating *(Pavement Surface Evaluation and Rating)*
- Type of Roadway (Residential or Collector)
- Traffic Volume
- Planned Underground Utility Work (Collaboration with SU)

PASER Rating Breakdown

Quality	Rating	Treatment (Asphalt)
Excellent	9-10	No Maintenance Required
Good	7-8	Crack Sealing and Minor Pathing
Fair	5-6	Crack Sealing and Asphalt Patching
Poor	3-4	Structural Renewal (Overlay)
Failed	1-2	Reconstruction




WISLR
10
9
8
7
6
5
4
3
2
1
0
Other

Sample of Collective Departmental Analysis

Roads Ranked (3 or Below)

ROAD NAME	At	Towards	PASER RATING	Road Volume Rating	Sanitary Sewer Rating	Water System Rating	Total	Current Program Year	Notes	Length CL to CL	Number of Services	MH Replacement	Block
East	Maple Ct	Garden Ave	3	1	1	5.8	10.8		Lead	160	4		600 Block
Chicago	End	End	4	1	1	6.4	12.4		Water				
Chicago	Fourth	Dead End	4	1	1	6.4	12.4		Wastewater				
Madison St - N	Hamilton	Prospect	3	5	1	3.4	12.4						
Monroe St - N	Harding	Jackson	2	4	1	5.5	12.5	2021	Duplicated in the 3 ratings				
Monroe St - N	Harding	Jackson	3	3	1	5.5	12.5	2021					
Clay	Hill St	Academy St	3	4	1	4.6	12.6		Lead	310	8		900 Block
Clay St	Academy	Hill	3	4	1	4.6	12.6		Consider doing with Academy in 2021				
Madison St - S	W. South	Main St	3	4	1	4.6	12.6						
Morris St - N	Vernon	Main St	3	4	1	4.6	12.6						
Prairie	W Washington	W Prospect	3	4	1	4.6	12.6		Lead /Wastewater	1070	26		100/200 Block N/S
Madison	Hamilton St	Jackson St	3	5	1	4.2	13.2		Lead	690	16		100/200 Block N
Maple Court	East Street	End	3	1	1	8.2	13.2		Lead	560	3		1100/1200 Block
Maple Ct	East St	Dead End	3	1	1	8.2	13.2		Consider going to East St				
McKinley	NPage St	N Madison St	3	4	1	5.2	13.2		Lead / Water /Wastewater	690	11		300/400 Block W
McKinley St - W	N. Madison	Page	3	4	1	5.2	13.2	2023					
Prospect	Grant St	E McKinley St	2	4	1	6.4	13.4		Lead	660	10		100/200 Block E
Prospect	Grant St	N Page St	2	4	1	6.4	13.4		Lead	640	10		100/200 Block W
Prospect St - E	Page	Grant	2	4	1	6.4	13.4	2020					
Prospect St - W	Grant	McKinley	2	4	1	6.4	13.4	2020					
Madison St - S	Main	W. Washington	3	5	1	4.6	13.6						

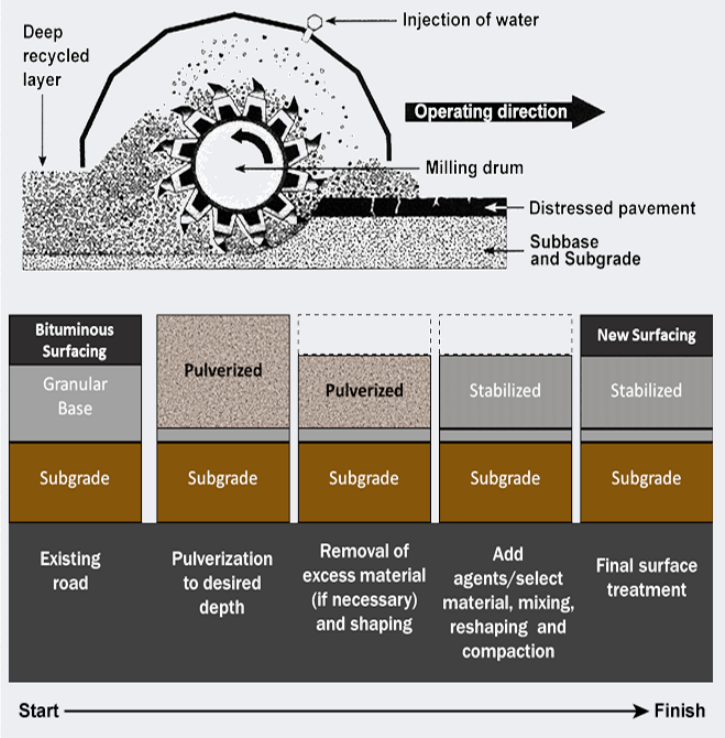
State Aids for Roadways

*General Transportation Aid 2021…….....$1,005,381.28
Connecting Highway Aids 2021…….$51,955.21
Total…….$1,057,336.49

*GTA Formula (whichever is greater)
Rate per mile……$2,628
or
Share of Costs – Based on the amount we spend on road improvements over a six year average.

Mill and Overlay

Full Depth Pulverization



Road Reconstruction

Milwaukee Street

Project Description:

- Van Buren to Page
- Pulverize and Overlay
- Spot Curb and Gutter
- Spot Sidewalk Replacement

Need:

- Poor pavement quality
- Major Collector
- Paser Rating - 4

Project Cost Estimate:

- $465,244

Funding Sources:

- GO	$408,217
- Storm Water	$4,375
- Special Assessments	$52,652

Academy St

Project Description:

- Full Reconstruction
- From E. South to East St

Need:

- Poor pavement Condition
- Full curb and gutter replacement
- Storm Sewer Upgrades
- Water and Sewer Upgrades
- PASER Rating - 2

Project Cost Estimate:

$969,263

Funding Sources:

- GO	$621,008
- Storm Water	$278,750
- Special Assessments	$69,505

S Austin

Silverado

Project Description:

- Pulverization
- From Main St to Jackson St
- Sidewalk Spot Replacement

Need:

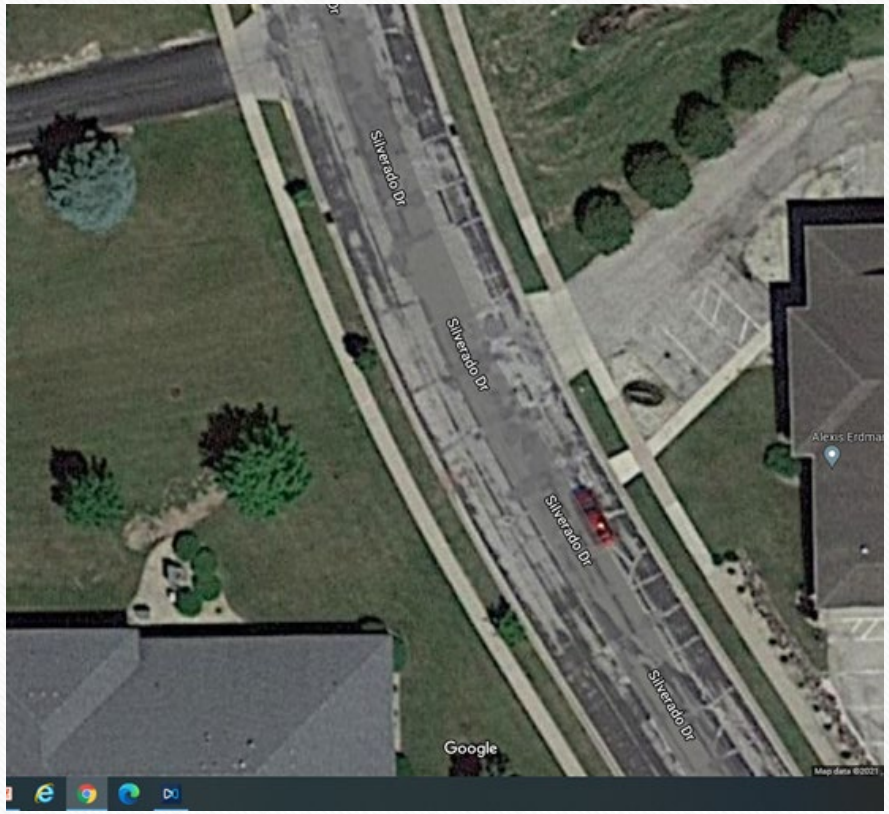
- Poor Pavement Condition
- Major Collector
- Paser Rating - 3

Project Cost Estimate:

- $110,179

Funding Source:

- GO	$95,536.50
- Special Assessments	$14,642.50


Silverado Dr
Silverado Dr
Silverado Dr
Silverado Dr
Google

Kings Lynn

Project Description:

- Pulverize
- From Jackson to Kenilworth

Need:

- Poor pavement condition
- Spot curb and gutter replacement
- Sidewalks spot replacement
- Storm water upgrade to fit future force main
- PASER Rating - 4

Project Cost Estimate:

- $184,223

Funding Sources:

- GO	$73,293
- Storm Water	$101,750
- Special Assessments	$9,180

Bickley Court

Project Description:

- Pulverize
- From West St to Dead End

Need:

- Poor pavement condition
- Spot curb and gutter replacement
- Storm water upgrade to fit future force main
- PASER Rating - 2

Project Cost Estimate:

- $152,731

Funding Sources:

- GO	$65,268.50
- Storm Water	$82,625
- Special Assessments	$4,837.50

Google

Bickley Ct

Rowe St and Ben Waite Circle

Project Description:

- Reconstruction
- From W. Main to Hwy 51 and Cul-du-sac

Need:

- Poor pavement condition
- Spot curb and gutter replacement
- Sidewalk install
- Storm water upgrade to fit future force main
- PASER Rating - 2

Project Cost Estimate:

- $152,731

Funding Sources:

- GO	$65,268.50
- Storm Water	$82,625
- Special Assessments	$4,837.50

Rowe St

Ben Wall

Truman Road

Project Description:

- Pulverize
- From Van Buren to Riverview

Need:

- Poor pavement condition
- Spot curb and gutter replacement
- PASER Rating - 2

Project Cost Estimate:

- $66,784

Funding Sources:

- GO	$63,972
- Special Assessments	$2,812

Giles Street

Project Description:

- Reconstruction/Urbanize
- From Lynn St to Dead End

Need:

- New Construction – Urbanize Roadway
- Poor pavement condition
- Sidewalk Install/Replacement
- Curb and gutter replacement and installation
- PASER Rating – 3

Project Cost Estimate:

- $77,436

Funding Sources:

- GO	$64,306
- Special Assessments	$13,130

Rutland Dunn Town Line

Multimodal Local Supplement Grant Program (MLS)

Project Description:

- Surface Replacement

Need:

- Asphalt deterioration

Project Cost Estimate:

- $41,500

Funding Sources:

- MLS Grant $45,100

Holton and Hillcrest

Project Description:

- Full Depth Pavement Replacement
- From Roby to Chapin

Need:

- Poor pavement condition
- Spot curb and gutter replacement
- PASER Rating - 2

Project Cost Estimate:

- $149,801

Funding Sources:

- GO	$136,720
- Special Assessments	$13,081

Holkar Rd

Holkar Rd

Jefferson St Pedestrian Bridge

Project Description:

- Remove and Replacement
- From Dead End of Jefferson to Main/Page Ct

Need:

- Poor Condition
- Aging Infrastructure
- Serves an average of 104 trips per day

Project Cost Estimate:

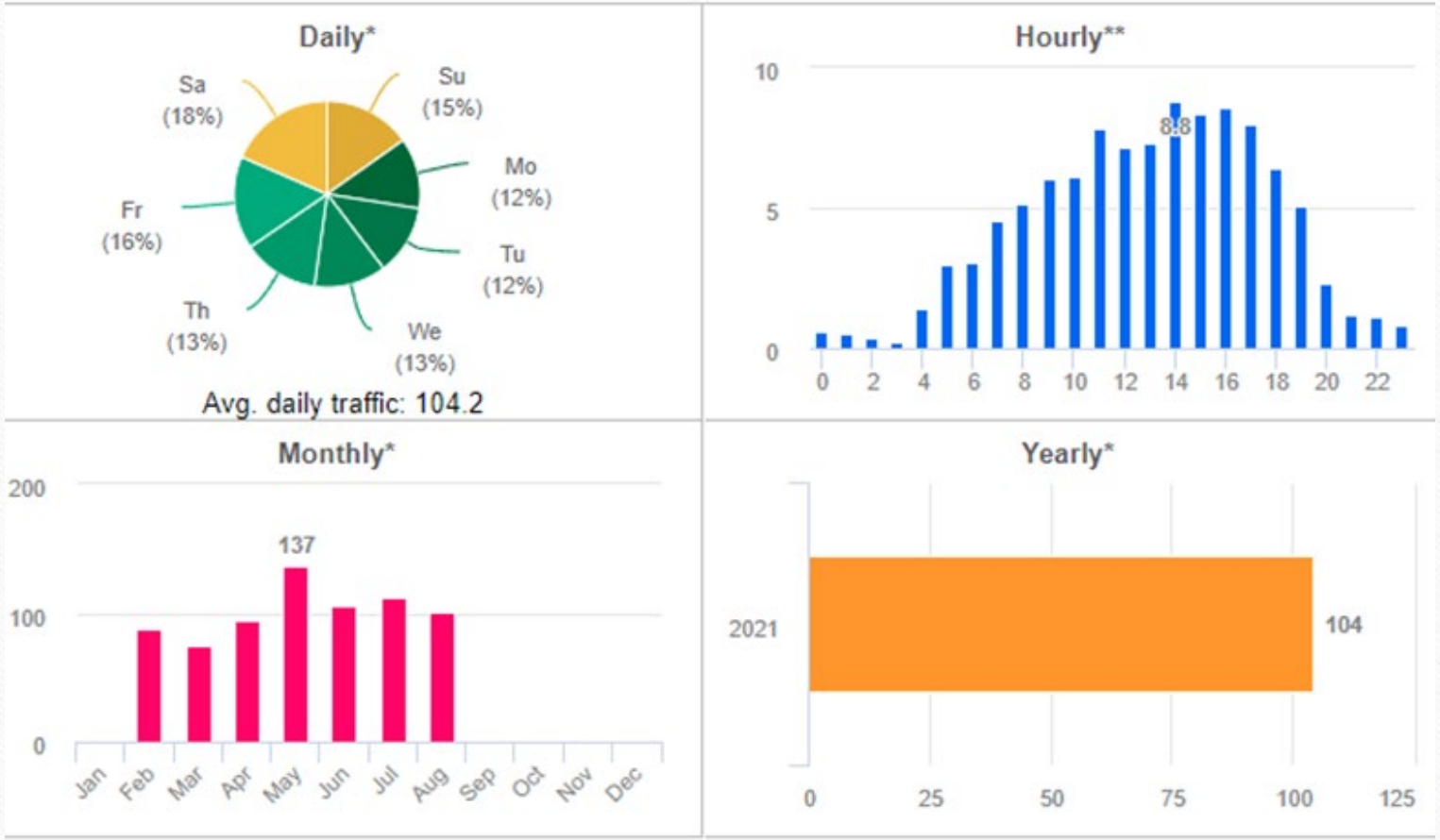
- $498,420

Funding Sources:

- GO $498,420

OR

- American Rescue Plan Act (ARPA Grant) $498,420


Daily*
Sa (18%)
Su (15%)
Mo (12%)
Tu (12%)
We (13%)
Th (13%)
Fr (16%)
Avg. daily traffic: 104.2
Hourly**
10
5
0
8:8
0 2 4 6 8 10 12 14 16 18 20 22
Monthly*
200
100
0
137
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Yearly*
2021
104
0 25 50 75 100 125
* Weekly and Daily are calculated from Average Daily Traffic (ADT); Monthly and Yearly show ADT values.
** Based on last year of data only.

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b13-838_20_Rd10.jpg

Main/Page Court

Project Description:

- Pavement Removal and Overlay
- Main St to Dead Ends

Need:

- Poor pavement condition
- Being done in Conjunction with the bridge installation
- PASER Rating - 2

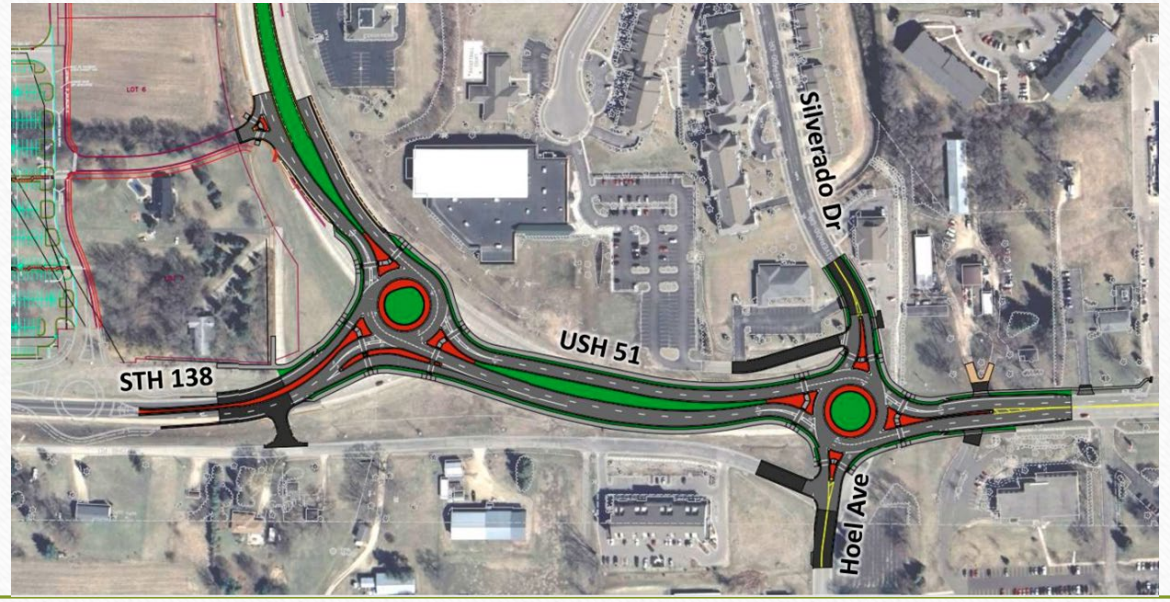
Project Cost Estimate:

- $26,250

Funding Sources:

- GO $26,250

US Hwy 51 Round-abouts



Project Description:

- DOT Led Project
- Hoel/Silverado
- Hwy 51 and Hwy138
- Hwy 51 and Roby

Need:

- Traffic Safety
- Pedestrian Safety (Rapid Flasher Beacons at Hoel
- 10 ft wide multi-use paths
- Enhanced Colored Concrete
- Round-about landscaping

Project Cost Estimate:

- $222,400

Funding Sources:

- GO $222,400

Sidewalk Replacement Program

Project Description:

- Sidewalk Replacement Initiative

Need:

- Replace Sidewalks that do not Meet ADA Standards
- Replace Sidewalks that Cause Trip Hazards

Project Cost Estimate:

- $100,000

Funding Sources:

- GO $100,000

Roadway Preventative Maintenance

Project Description:

- Funding to extend the life of roadway pavement.

Estimated Project Cost:

- $180,000

Funding Source:

- General Obligation (GO) 100%

Parks Maintenance

Capital Projects

Trash Receptacles

Project Description:

- Replace 55 gallon drums

Need:

- Upgrade the aesthetic appeal of the parks with our standard trash receptacle which would replace 55 gallon drums.

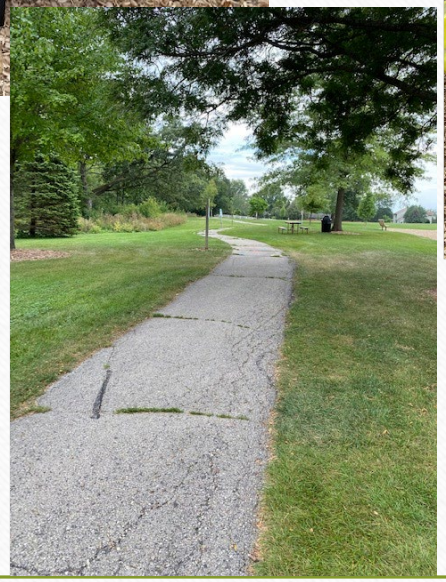
Project Cost Estimate:

$5,000

Funding Sources:

- GO $5,000

Schefelker Park Playground, Basketball Court and Walking Paths



Project Description:

- Full playground replacement
- Installation of a Half Court Basketball Surface
- Walking Trail Overlay and Enhanced Security Lighting

Need:

- Aging Playground Structure that is due for replacement
- ADA enhancements
- Enhance the overall play experience

Project Cost Estimate:

- $110,000

Funding Sources:

- GO $110,000

ADA Transition Plan Implementation

Project Description:

- Install accessible walkways and ramps to access park benches, playgrounds and other features.

Need:

- Transitioning to come into compliance with ADA standards in our park system.

Project Cost Estimate:

- $35,000

Funding Sources:

- GO $35,000

Equipment Replacement

Public Works

Pick Up Truck #13 (Really #2)

Project Description:

- Truck #2, 2004 GMC Sierra, has reached the end of its useful life for its current purpose. Recommend reuse in the Recreation Department.

Equipment Score:

- 32.75 (Qualifies for Replacement)

Project Cost Estimate:

- $36,000

Funding Sources:

- Equipment Replacement Fund $36,000

Bobcat Skid Steer S630

Project Description:

- This 2012 Bobcat Skid Steer has reached the end of its useful life and is due to be replaced.

Equipment Score:

- 33.95 (Qualifies for replacement)

Project Cost Estimate:

- $79,000 (with trade in value of $25,000)

Funding Sources:

- Equipment Replacement Fund $54,000

Chevy Patrol Truck #7

Project Description:

- This 2008 Chevy C7500 patrol truck has reached the end of its useful life and is due to be replaced.

Equipment Score:

- 35.34 (Qualifies for Replacement)

Project Cost Estimate:

- $208,000 (Estimated trade in value of $15,000

Funding Sources:

- GO $193,000

Trailer #46

Project Description:

- Trailer 46 has reached the end of its useful life and loading equipment is not safe for operators. Replacing with a low rise trailer.

Project Cost Estimate:

- $12,000

Funding Sources:

- GO $12,000

Morbark Chipper

Project Description:

- This 2008 chipper has reached the end of its useful life and has already been pushed twice.

Project Cost Estimate:

- $65,000 (Estimated trade value of $7,000)

Funding Sources:

- GO $58,000

Toro Zero Turn Industrial Mower

Project Description:

- The Toro 7200 has reached the end of its useful life

We also use this unit for snow operations and the new zero turn will fit the polar trac attachment

Project Cost Estimate:

- $40,000 (estimated trade in value $10,000)

Equipment Scoring :

40.3 (Priority Replacement)

Funding Sources:

- GO $30,000

Trailer Mounted Air Compressor

Project Description:

- Our current trailer mounted air compressor has reached the end of its useful life and is no longer reliable. Looking to purchase a used unit.

Project Cost Estimate:

- $11,800 (trade in value $5,000)

Funding Sources:

- GO $6,800