2023 CAPITAL IMPROVEMENT PROJECTS

STREET CONSTRUCTION

PARKS IMPROVEMENT

PUBLIC WORKS EQUIPMENT PURCHASING

2023 Road Construction Capital Projects

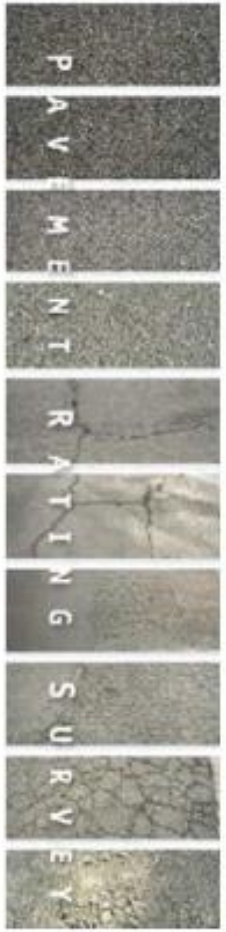
City of Stoughton

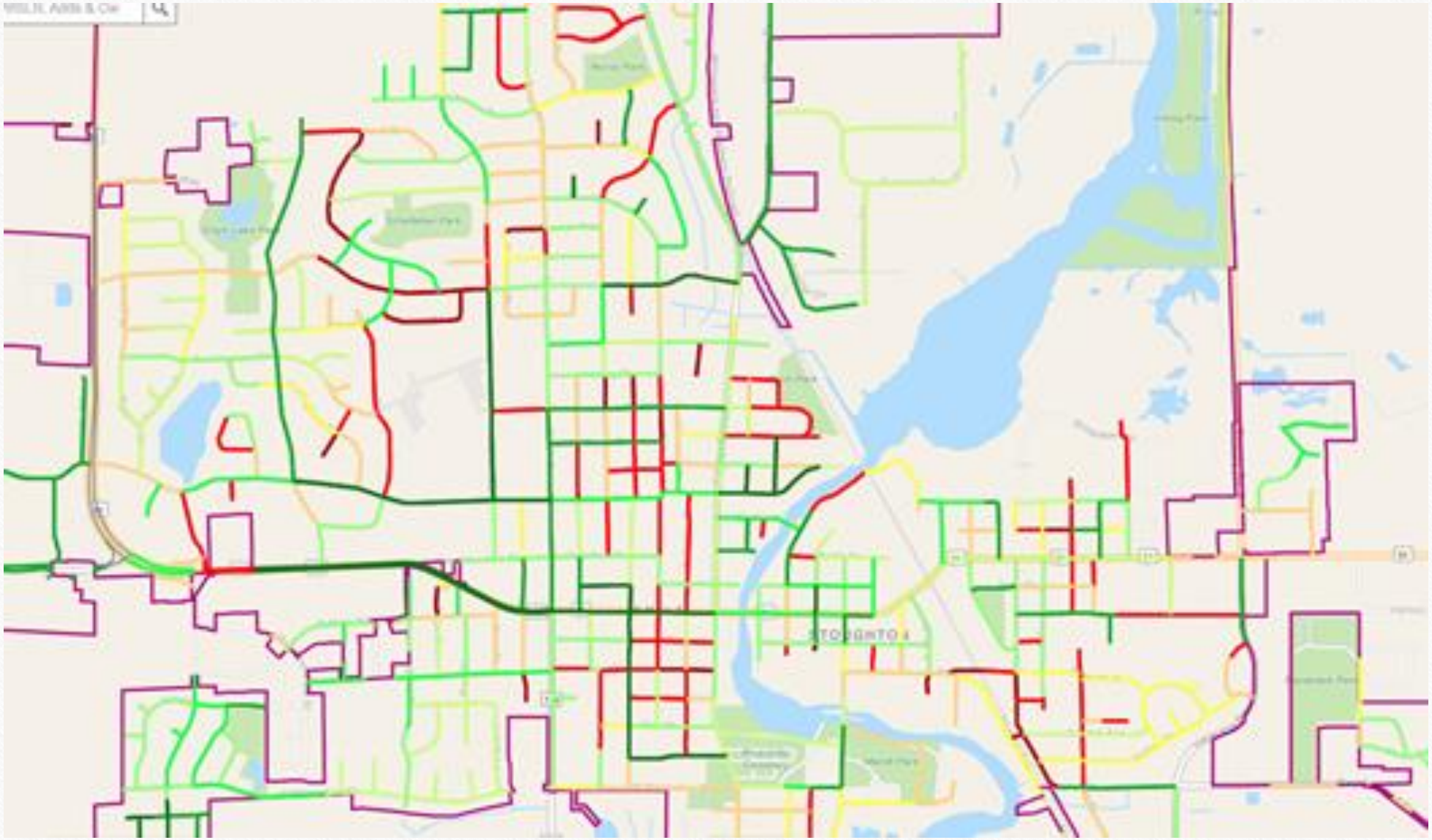
How are Roads Selected for Resurfacing?

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

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

State Aids for Roadways

*General Transportation Aid 2022……....$1,156,188.47

Connecting Highway Aids 2022…….$81,041.18

Total……..$1,237,229.50

*GTA Formula (whichever is greater)

Rate per mile……$2,681

or

Share of Costs – Based on the amount we spend on road improvements over a six year average.

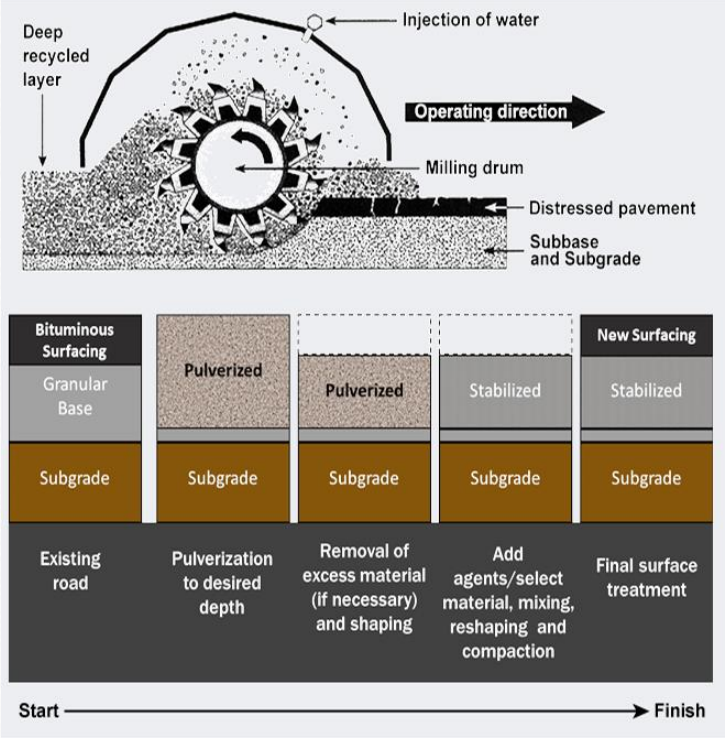
General Road Aids and Connecting Highway Aids

	General Road Aids	Connecting Highway Aids
2015	$526,383	$51,084
2016	$557,407	$50,931
2017	$574,830	$51,612
2018	$661,055	$51,895
2019	$760,213	$51,860
2020	$874,245	$51,730
2021	$1,005,381	$51,955
2022	$1,156,188	$81,041

Added $29,000 for Hoel to Roby

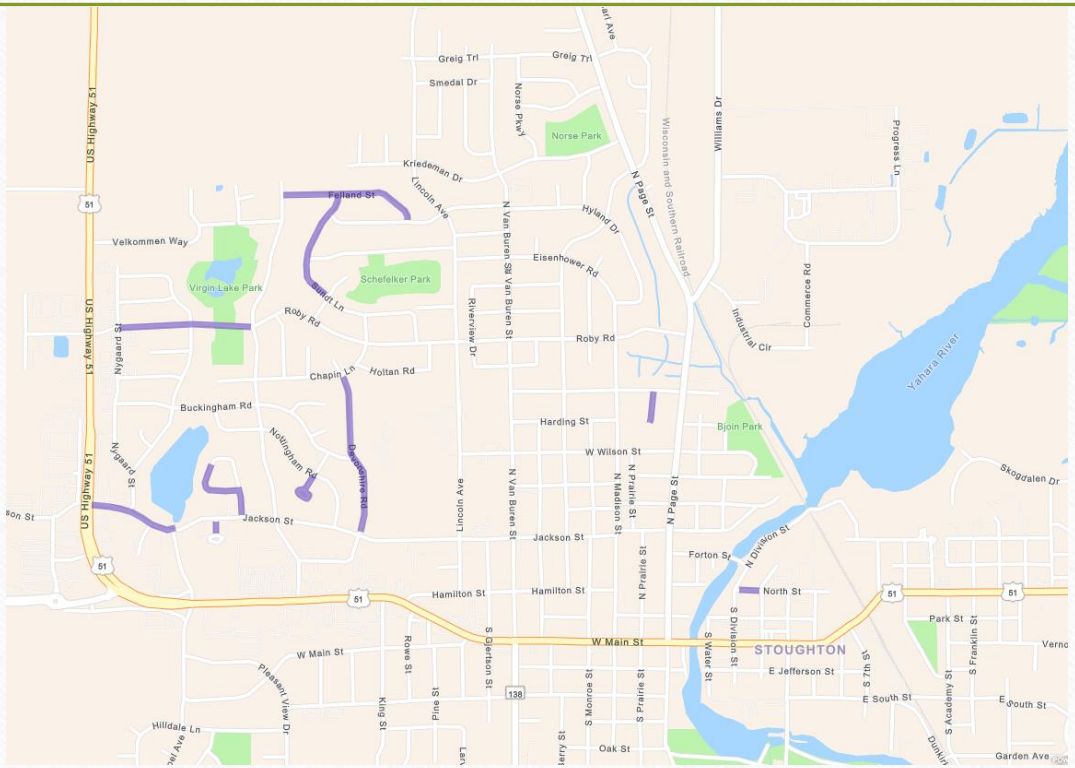
Mill and Overlay

Full Depth Pulverization



Road Reconstruction

2023 Project Locations



Devonshire Road

Project Description:

- Jackson to Chapin
- Pulverize and Overlay
- Spot Curb and Gutter
- Spot Sidewalk Replacement

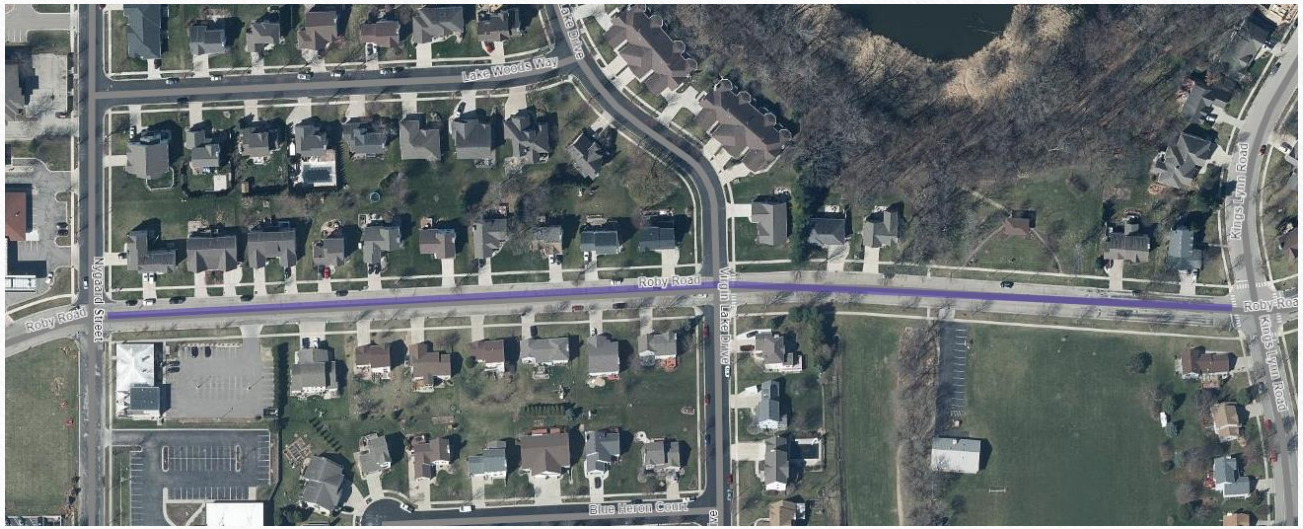
Need:

- Poor pavement quality
- Major Route to School
- Paser Rating - 2

Project Cost Estimate:

General Obligation $461,214
Special Assessment $47,525

Roby Road



Project Description:

- Kings Lynn to Nygaard
- Pulverize and Overlay
- Sanitary Sewer Upgrade
- Spot Curb and Gutter
- Spot Sidewalk Replacement
- Pedestrian Refuge Island

Need:

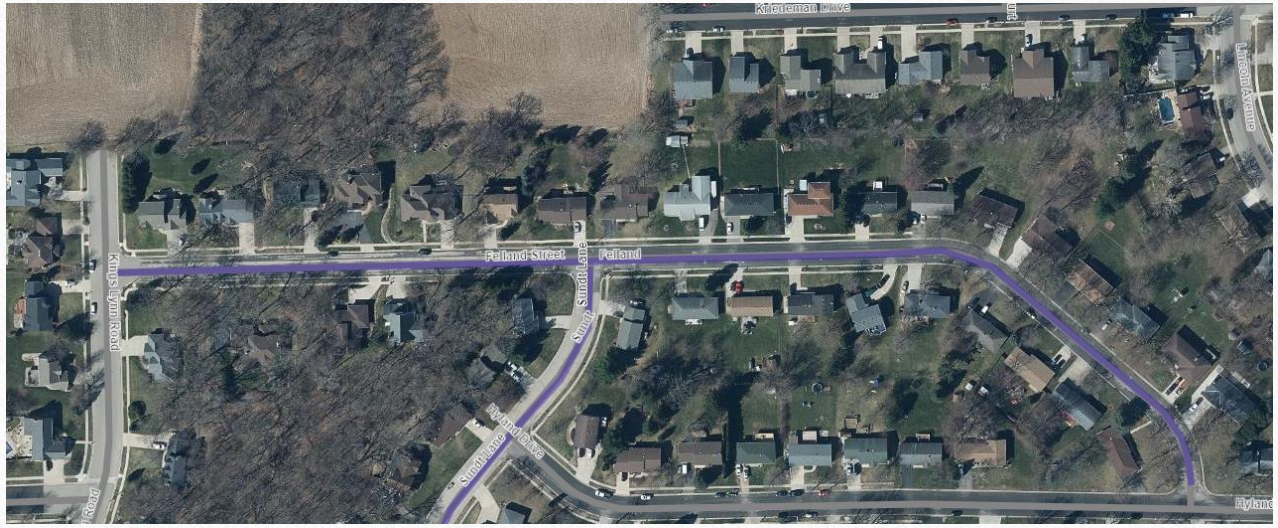
- Poor pavement quality
- Major Collector
- Paser Rating - 3

Project Cost Estimate:

General Obligation $465,365
Special Assessment $32,025

Roby Rd

Felland Street



Project Description:

- Kings Lynn to Hyland
- Pulverize and Overlay
- Spot Curb and Gutter
- Spot Sidewalk Replacement
- Minor Storm Water Improvements

Need:

- Poor pavement quality
- Main Road to get to Kings Lynn
- Paser Rating - 3

Project Cost Estimate:

General Obligation	$403,457
Storm Water	$8,424
Special Assessment	$41,175

Sundt Lane

Project Description:

- Felland to Oakwood Ct
- Pulverize and Overlay
- Minor Storm Water Improvements
- Spot Curb and Gutter
- Spot Sidewalk Replacement

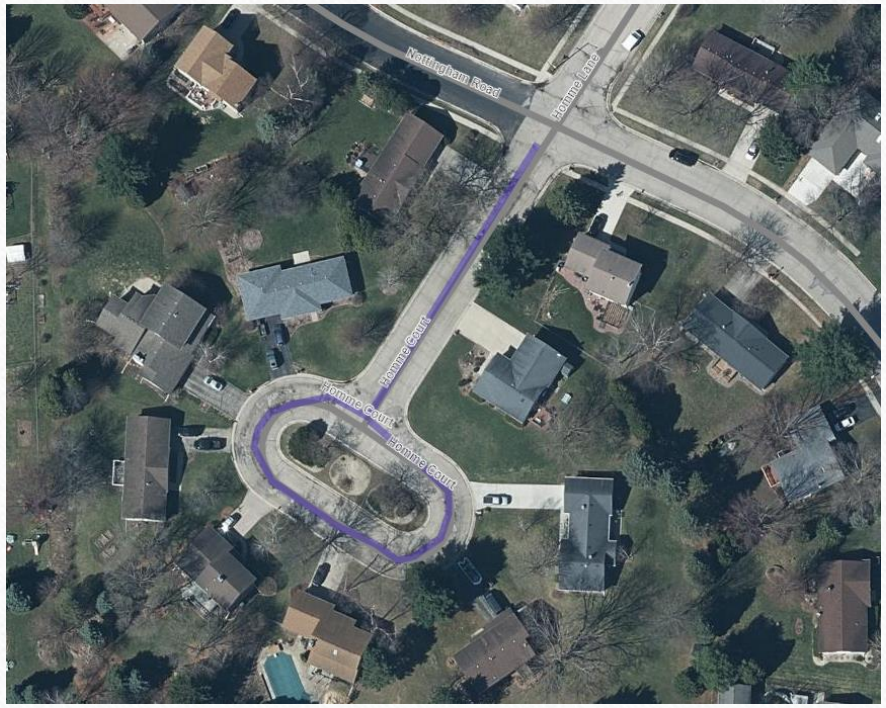
Need:

- Poor pavement quality
- Significant Roadway Deterioration
- PASER Rating - 2

Project Cost Estimate:

General Obligation	$281,005
Storm Water	$8,424
Special Assessment	$34,500

Homme Court



Project Description:

- Nottingham to Dead End
- Pulverize and Overlay
- Valley Gutter Installation
- Spot Curb and Gutter

Need:

- Poor pavement quality
- Significant Roadway Deterioration
- PASER Rating - 2

Project Cost Estimate:

General Obligation	$113,870
Special Assessment	$12,875

Bickley Court

Project Description:

- West St to Dead End
- Reconstruction
- Storm Sewer Installation
- Curb and Gutter Replacement

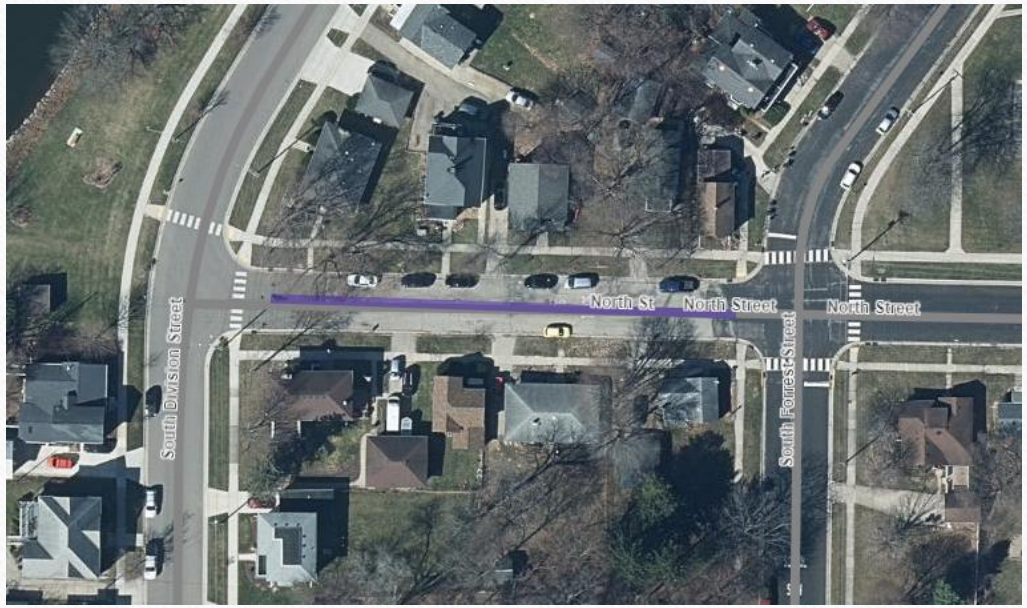
Need:

- Poor pavement quality
- Poor storm water drainage
- PASER Rating - 2

Project Cost Estimate:

General Obligation	$224,114
Storm Water	$67,860
Special Assessment	$21,625

North Street



Project Description:

- Forrest to Division
- Reconstruct
- New Sidewalk Installation
- Storm Water Pipe Replacement

Need:

- Poor pavement quality
- Significant Route to School
- PASER Rating - 3

Project Cost Estimate:

General Obligation	$211,478
Storm Water	$105,066
Special Assessment	$29,625

North St
NO
PARKING

North St

Jackson Street

Project Description:

- Pulverize and Overlay Hwy 51 to Silverado
- SW Force Main – Hwy 51 to Kings Lynn
- Spot Curb and Gutter
- Spot Sidewalk Replacement

Need:

- Poor pavement quality
- Collector Level roadway
- PASER Rating - 3

Project Cost Estimate:

General Obligation	$487,287
Storm Water	$522,405
Special Assessment	$46,225

Jacksonville

Jacksonville

Kensington Square

Project Description:

- Jackson to 615 Kensington Square
- Pulverize and Overlay
- Spot Curb and Gutter
- Spot Sidewalk Replacement

Need:

- Poor pavement quality
- Significant Alligator Cracking
- PASER Rating - 3

Project Cost Estimate:

General Obligation	$180,000
Special Assessment	$27,755

Olson Court

Project Description:

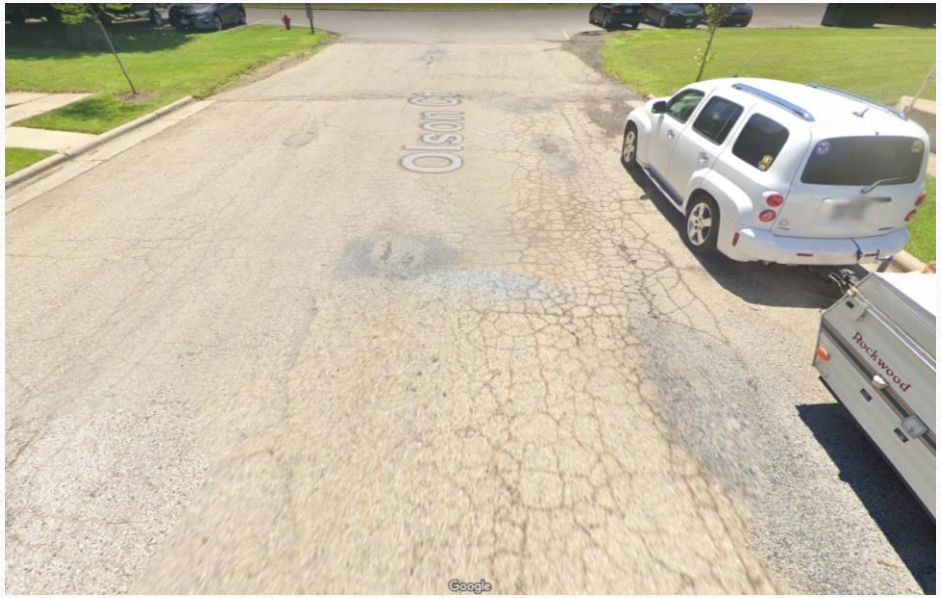
- Jackson to Dead End
- Pulverize and Overlay
- Spot Curb and Gutter
- Spot Sidewalk Replacement

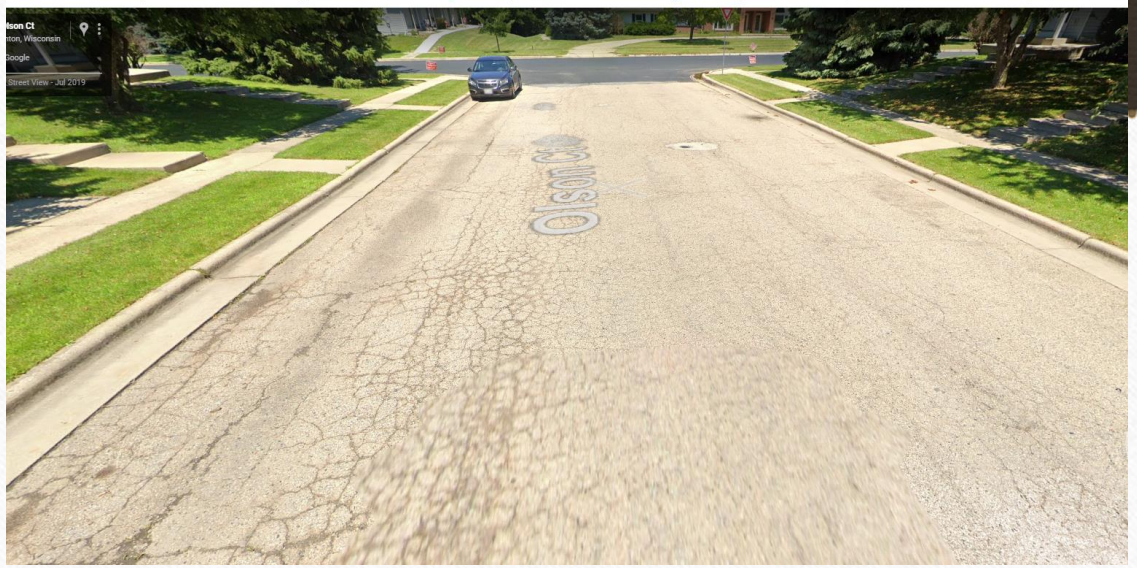
Need:

- Poor pavement quality
- Significant Alligator Cracking
- PASER Rating - 3

Project Cost Estimate:

General Obligation	$50,000
Special Assessment	$1,655


Olson Ct
Rockwood
Google


Olson Ct
Google
Street View - Jul 2019

Veterans Rd Storm Sewer Crossing

Project Description:

- Corrugated metal pipe under the roadway has failed.
- Remove and Replace with a concrete pipe
- Asphalt Surface Replacement
- Curb and Gutter Replacement

Need:

- Pipe Failure
- Main storm sewer for Stoughton Trailers

Project Cost Estimate:

Storm Water	$128,291

Hyland Sump Pump Discharge
Phase 1

Project Description:

- Install a header pipe on Hyland from 433 Hyland to Clancey to collect sump pump discharge.

Need:

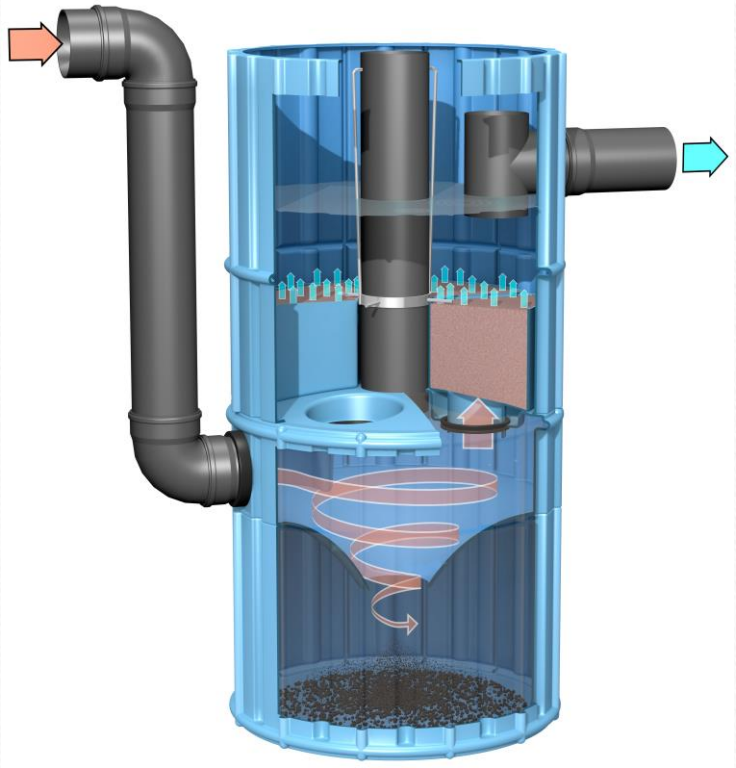
- Current sump pump discharge into the roadway creates hazardous conditions in the winter and promotes the growth of algae in the summer. We have noticed premature asphalt deterioration caused by excessive pumping into the street.

Project Cost Estimate:

Storm Water $26,000

Combined with Carryover Funds of $38,750 from 2020

Additional Engineering for Future Projects



- Hydro Dynamic Separator	$60,000 GO
- DOT Majors – Fifth St to Chalet	$25,000 GO
- BIL Funding Project Milwaukee St	$50,000 GO $20,000 Storm Water
- 2024 Project Engineering	$100,000 GO $20,000 Storm Water

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:

- $130,000

Funding Source:

- General Obligation (GO) 100%

Asphalt Overlay Program

Project Description:

- For roads that need a full reconstruction, this program aims to bridge the gap between now and when the City and SU can afford to do a full reconstruction. This gap is typically 8-10 years

Estimated Project Cost:

- $250,000

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

Norse Park Playground

Project Description:

- Full playground replacement

Need:

- Aging Playground Structure that is due for replacement
- ADA Compliance – Poured in Place Surface
- Enhance the overall play experience

Project Cost Estimate:

- $175,000

Norse Park Infield Replacement

Project Description:

- Replace the aggregate in the baseball field.

Need:

- Player Safety – Older Age Groups (SABA, SASD, Merchants) - The current infield mix is approximately 14 years old. Aggregates at this age level should last around 7 years.

Project Cost Estimate:

- $26,000

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

Mandt Park Skate Park Upgrade

Project Description:

- Replace Ramp Surfaces, Security Cameras and Lighting.

Need:

The ramp materials are becoming weathered and need to be replaced for user safety. Also, additional cameras and lighting will be installed.

Project Cost Estimate:

- $20,000

Equipment Replacement

Public Works

Equipment Scoring

Point Ranges	Condition	Description
0-**20**	Excellent	Do not replace
21-28	Good	Re-evaluate for replacement for next year's budget
29-**35**	**Fair**	Qualifies for replacement this year if budget allows or if M/R cost exceed 60% of cost
36+	Poor	Needs priority replacement

F-350 to Replace Truck #8

Project Description:

- Truck #8, which is a 2002, has reached the end of it's useful life. Replace with an F-350 w/dump box.

Equipment Score:

- 65 (Qualifies for Replacement)

Project Cost Estimate:

- $57,000

Estimated Trade in Value

- $3,000

F-350 to Replace Truck #11

- Project Description:
- - Truck #11, which is a 2005, has reached the end of it's useful life. Truck #52 will be cycled to the Parks Division, which is more seasonal in nature.. Replace with an F-350 w/dump box that will go to Streets.
- Equipment Score:
- - 47.02 (Qualifies for Replacement)
- Project Cost Estimate:
- - $57,000
- Estimated Trade in Value
- $5,000

Fleet Services F-250 With Lift Gate

- Project Description:
- - Purchase an F-250 with a lift gate for the Fleet Division to use for service calls in the field and to procure parts. This truck will be equipped to provide maintenance to city vehicles that have broken down at location outside the shop.
-
- Project Cost Estimate:
- - $58,000

International Aerial Lift Truck

Project Description:

- The 2006 Aerial Lift Truck #33 has reached the end of it's useful life. The manufacturer after inspection recommended planning for replacement.

Equipment Score:

- 50.23 (Qualifies for Replacement)

Project Cost Estimate:

- $213,000

Estimated Trade in Value

- $20,000

Case Tractor #26

Project Description:

- The 2005 Case Tractor has reached the end of its useful life and is undersized for our applications. We are looking to upgrade the rear three point hitch capacity with a larger tractor to safely utilize our attachments.

Equipment Score:

- 49.44 (Qualifies for Replacement)

Project Cost Estimate: - $120,000

Estimated Trade in Value: - $30,000

Questions?