



FROM PASER TO YOUR CAPITAL IMPROVEMENT PROGRAM

WISCONSIN TOWNS ASSOCIATION
SPRING ROAD SCHOOL 2026

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Introduction



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GIS Coordinator

Agenda

- Annual Road Certification & PASER Ratings
- Capital Improvement Planning (CIP)
- Transportation Funding Sources
- How GIS can Assist

Cedar Corporation

Proud WTA Sponsor of This Year's Road School

- 50 Years in Business
- 5 Offices Supporting 100 Employees throughout Wisconsin

PROFESSIONAL SERVICES

- Transportation Engineering
- Structural Engineering
- Municipal Engineering
- Environmental Review
- Planning and Grants
- GIS (Asset Management)
- Water Resources
- Architecture
- Water Resources Engineering
- Environmental Compliance
- Economic Development
- Natural Resources



Annual Road Certification & PASER Ratings



Annual Road Certification (Doing the dishes)

- WisDOT requirement of annual update
- Components:
 - Verify that the Town Road Certification map is up to date
 - Annual road construction form needs to be completed
 - Annual road maintenance form needs to be completed
- All submitted on WisDOT WISLR site
- What happens if a Town does perform update?
 - Possible jeopardizes general transportation funding aid from state
- General transportation funding aid from the state is dependent from lane miles associated from map

PASER Ratings

- WisDOT requirement of biennial update (every 2 years)
- Components:
 - Update all Town road segments rating
 - Utilizes scale rating system
 - Asphalt = 1 (very poor) to 10 (new)
 - Gravel = 1 (very poor) to 5 (new)
- Submitted to WisDOT WISLR site
- What happens if a Town does not update PASER ratings?
 - Possible jeopardizes general transportation funding aid from state
- Grant applications require updated PASER rating
- Key to creation of a Capital Improvement Plan (CIP)

WISLR Requirements Complete (Dishes are Done!)

- ✓ 2025 PASER Ratings Complete
- ✓ Annual Road Certification

One piece of the puzzle complete!



What Comes Next?

- What else should your Town be doing to do to prepare for upcoming funding sources?
 - Bridges over 20' (HSI database)
 - 6' – 20' local structure inventory/inspections
 - Culvert Inventory (<6') (Optional)
 - Sign Inventory (Optional)
- All can be and should be included in the Town's Capital Improvement Plan (CIP)

Capital Improvement Planning (CIP)



Benefits of a CIP

- Allows a Town to:
 - be **eligible for funding programs**
 - help them maintain their annual road program budget
 - develop the roads in the annual road program
- Quantifies the \$ amount into what each individual project will cost and prioritized projects
- Identify which projects need funding support
 - How Town is going to fund projects
- Bid timing can save the Town money
 - Example winter bidding is more cost effective
- Is designed for major road projects



What is a Transportation CIP?

- Capital Improvement Plan or Capital Improvement Program (CIP), is a multi-year plan used to identify, prioritize, and budget for your maintenance and major infrastructure projects
- Includes major road projects that require years of planning and funding methods
- Spring road tours are meant for more maintenance based (shouldering, ditching, crack filling, seal coating, etc.)
- A living breathing document
 - The journey starts with the first step!
 - Should be reviewed and updated annually
- Consists of 2 components: Construction Plan & Maintenance Plan

What is a Transportation CIP?

- Example: Town of Troy, St. Croix County

5-Year Road Plan, 2024 - 2028						
Year	Road	Paved FT.	Shoulders FT.	Length FT.	Description of Road Work Roads To Consider in 5 Years	Estimated Cost
2024	White Oak Dr.	20'	2'	5260	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	203,000
2024	Cove Lane	20'	2'	3696	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	143,000
2024	St. Annes Parkway	26'	Curb			
2024				6 - 8 mi	AMZ/Seal Coating/Fogging	
2025	Ilwaco Rd > Cty Rd F			3907	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	151,000
2025	Coulee Trail from East of Old Hwy 35 > Boundary Rd	22'	2'	16368	Recondition	1,889,000
2025				6 - 8 mi	AMZ/Seal Coating/Fogging	
2026	Tower Rd from Cty Rd U > 90th St (Boundary)	22'	2'	5227	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	202,000
2026	Boundary Rd	22'	2'		Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	220,000
2026	Mann Valley Dr (Applying for Ag Grant)	32'	2'	17899	Reconstruction	2,685,000
2026				6 - 8 mi	AMZ/Seal Coating/Fogging	
2027	Oak Ridge Dr. > Cty Rd MM	20'	2'	1392	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	54,000
2027	Coulee Trail from Tower Rd to Townsvalley Rd	36'	2'	6389	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	247,000
2027				6 - 8 mi	AMZ/Seal Coating/Fogging	
2028	St. Annes Parkway					
2028	Glen Circle & Glen Lane	22'	2'	1954	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	76,000
2028	Golden Acre Rd to Cty Rd M	22'	2'	686	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	27,000
2028	Black Bass Rd	18'	2'	422	Pulverize and pave 4" of blacktop, check culverts add crushed rock as needed	17,000
2028				6 - 8 mi	AMZ/Seal Coating/Fogging	

What is a Construction Plan?

- Lists major projects along with details:
 - Location (road name)
 - Length and PASER rating
 - Type of Project
 - reconstruction, pavement resurfacing, structure replacement
 - Budgetary Estimate
- These are the projects to include for any potential funding sources

What is a Maintenance Plan?

- Towns are responsible for maintaining their own town roads
- Maintenance may consist of the following:
 - Culvert replacements
 - Ditch mowing, tree, and brush removals
 - Crack fill, chip seal, and potholes
 - Sign repairs
 - Snow removal
- These are the type of projects that would be paid for using Town funding/general transportation aid

2-Year or 5-Year CIP?

- WisDOT grant requirements:
 - Villages and Cities are required to have a 5-year plan
 - Towns are required to have a 2-year plan
- Benefits of having a 5-year plan
 - Long term planning
 - Grant Applications
 - Engineering/Design
 - Construction
 - Planning for the unknowns
 - Unknown development projects

Looking Ahead

- Where are funds coming from?
 - Does project require money up front, reimbursement, etc
- Which projects can be funded under annual road program
- Do projects qualify for grant funding

Funding Sources to Incorporate with your CIP



Upcoming Funding Sources

WisDOT

- Highway Safety Improvement Program (HSIP)
- Local Bridge Improvement Assistance
- Local Road Improvement Program (LRIP)
- Surface Transportation Program (STP)
- Agricultural Road Improvement Program (ARIP)
- Transportation Alternatives Program (TAP)
- Local Small Structure Improvement Program (LSSIP) - **NEW**

Highway Safety Improvement Program (HSIP)

- High crash history
- 90% Federal / 10% Local (Grant)
- 4-year program cycle
 - Current application cycle (SFY 2026 – 2029): February 15, 2026 & August 15, 2026 deadlines
- Intersection improvements, curves, sight distance, access, auxiliary lanes, beam guard, signing/markings, rumble strips, encroachments, railroad crossings, roundabouts

Local Bridge Improvement Assistance Program

- Structures with spans greater than **20 feet**
- Bridge eligibility list: critical bridge elements rated 4 or below
- No construction/reconstruction in last 10 years
- Structures must be inspected:
 - Good condition – every 2 years
 - All others – every year
- 80% Federal / 20% Local (Grant)
- Apply in summer of odd numbered years
 - Current Cycle: 2026 – 2031 (Applications still being reviewed for funding)
 - Next Cycle: 2028 – 2033, applications timeframe anticipated Summer - Fall 2027

Surface Transportation Program (STP)

- STP-L: rural minor arterial or local street
- STP-R: principal arterial, minor arterial, or major collector
- STP-U (2 categories): collector or higher
 - Population: 5,000 – 20,000
 - Population: 20,000 – 50,000
- 80% Federal / 20% Local (Grant)
- Apply in summer of odd numbered years
 - Current Cycle: 2026 – 2031 (Applications still being reviewed for funding)
 - Next Cycle: 2028 – 2033, applications timeframe anticipated Summer - Fall 2027

Local Road Improvement Program (LRIP)

- 3 Categories: Entitlement (TRI), Discretionary (TRID), and Supplemental (TRIS)
- Reimbursement (2-year biennial cycle / 6-year sunset window)
 - 50% State / 50% Local (Discretionary)
 - Up to 90% State / 10% Local (Supplemental)
- Entitlement projects decided locally
 - TRI: funding given to counties to divide up equally between the towns
- Discretionary and Supplemental projects “compete” statewide
 - Criteria: safety, reconstruction, high traffic volume, joint projects, economic development, jurisdictional transfer, unique characteristics (tourist/historic)
 - Town Road Improvement Discretionary and Supplemental Programs (TRID/TRIS) > \$100,000.00 (High-Cost Projects)
- Project design life of at least 10 years
- Eligible projects: resurfacing, pavement replacement, reconditioning, reconstruction, and structures

Agricultural Road Improvement Program (ARIP)

- Up to 90% Federal / 10% Local - State Cap
- Local roads, minor collectors, or culverts (that provide access to agricultural lands or facilities used to produce and/or process agricultural goods, including forest products)
- Class B weight restriction
- Criteria: access improvement, reduction in costs, positive economic impact, feasibility of access, government fiscal/administrative difficulties, transportation of agricultural goods, and multi-producer access
- Current Cycle: 2026 – 2027 Round 2
 - Project solicitation opens: April 29, 2026
 - Applications due: June 29, 2026, 5:00pm

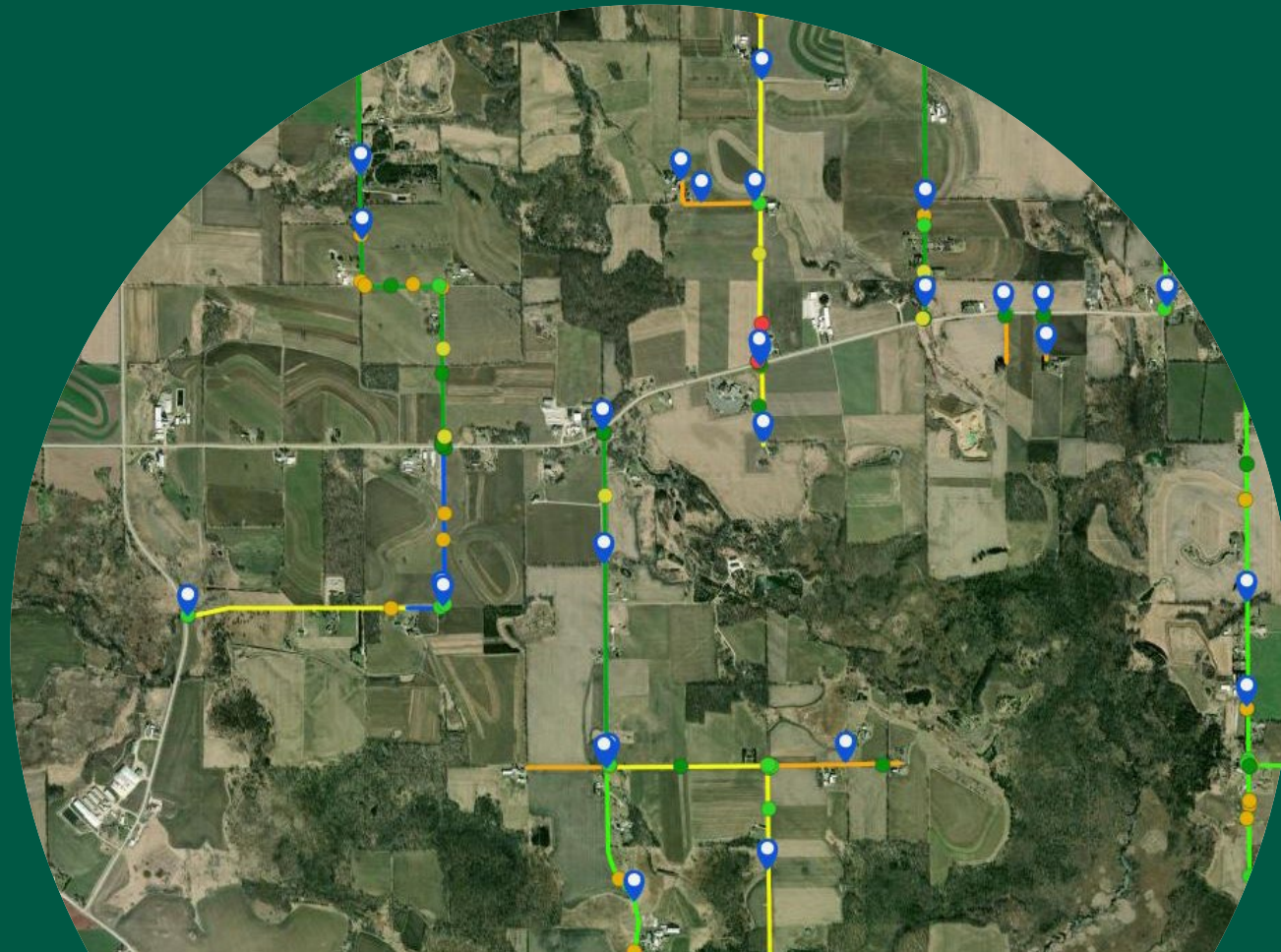
Transportation Alternatives Program (TAP)

- 80% Federal / 20% Local (Reimbursement)
- Safe Routes to School Program (SRTS): planning/design projects (\$50,000 minimum) and infrastructure projects (\$300,000 minimum)
- Transportation Enhancements: bicycle/pedestrian facilities
- Local let or State let
- Start project within 4 years of award
- Apply in summer of odd numbered years
 - Current Cycle: 2026 – 2030 (Applications still being reviewed for funding)
 - Next Cycle: 2028 – 2032, applications timeframe anticipated Summer - Fall 2027

Local Small Structure Improvement Program (LSSIP)

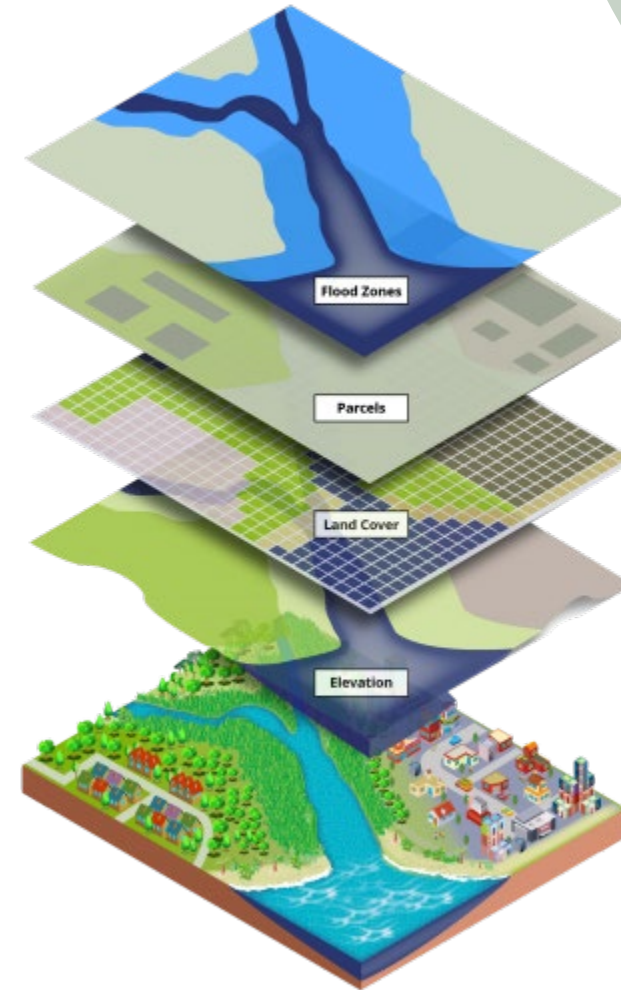
- One-time appropriation as part of the 2025-2027 Wisconsin Biennial Budget
- \$30 million available to reimburse local governments to improve deteriorating small structure crossings (6' – 20' culverts)
- Funded at 90% State / 10% Local
- Criteria:
 - Structure must have a condition rating of 4 or lower
 - Priority given to worst ranked structures (0-2) first, then 3-4 ranked structures as funding allows
- Solicitation Timeline:
 - Applications available February 3, 2026
 - Applications due May 1, 2026

How GIS Can Assist



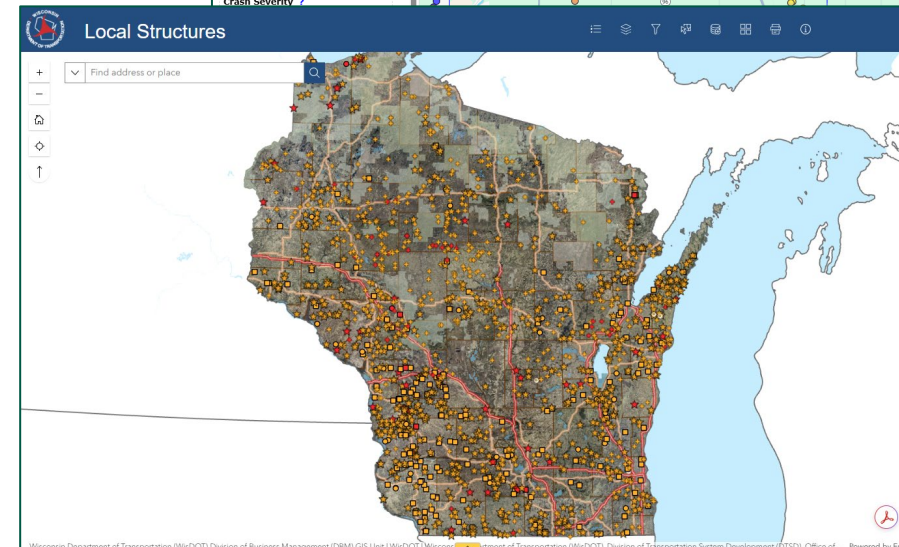
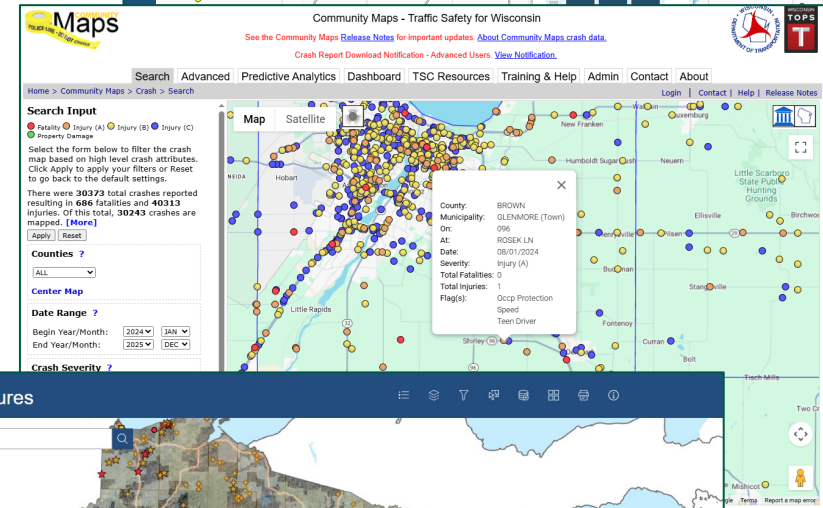
GIS Technology

- A Geographic Information System (GIS) can assist with inventory and planning for the future of Town assets.
- Easy to include existing assets and create maps to include in grant applications



Sources to Help Build a CIP

- PASER ratings
- Average Annual Daily Traffic (AADT)
- Crash events
- 6-20 inventory and inspections
- Under 6' culverts
- Sign inventory
- Environmental features (Wetlands, floodplains, etc.)
- Spring Inspection Drives



Asset Inventory

- Asset Inventory – Know what you have before you can plan for the future
- *Case Example:* Town of Osceola, Fond du Lac County



Town of Osceola ArcGIS Online

Home Page

PASER Ratings

Dashboard
PASER Rating Dashboard

The thumbnail shows a map of a rural area with yellow lines indicating road segments. A small orange icon with a bar chart is in the top right corner, and the Osceola logo is in the bottom right corner.

Sign Inventory

Dashboard
Sign Inventory Dashboard

The thumbnail shows a red octagonal stop sign on a road. A small orange icon with a bar chart is in the top right corner, and the Osceola logo is in the bottom right corner.

Culvert Inventory

Dashboard
Culvert Inventory Dashboard

The thumbnail shows a large black culvert pipe partially buried in a field of tall grass. A small orange icon with a bar chart is in the top right corner, and the Osceola logo is in the bottom right corner.

Example

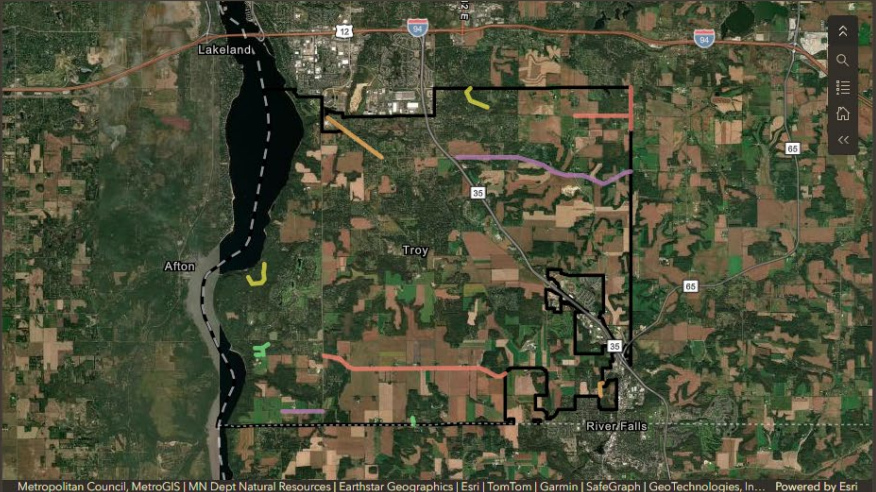
- 5-Year Road Plan, 2024 - 2028
- Town of Troy (St. Croix County)

Capital Improvements Plan (CIP)
Town of Troy, St. Croix County, WI

Data Filters

Select by Year
No category selected

Select by Status
No category selected



Project Years

Year	Count
2024	2
2025	2
2026	3
2027	2
2028	3

Selected Projects Cost
\$5,914,000

Total Estimated Cost
\$5,914,000

Selected Projects
12

Total Projects
12

Projects List

- 2024: White Oak Drive
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2024: Cove Lane
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2025: Illwaco Rd
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2025: Coulee Trail
Recondition
- 2026: Tower Rd
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2026: 90th Street (Boundary Rd)
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2026: Mann Valley Drive
Reconstruction
- 2027: Oak Ridge Dr
Pulverize and pave 4" of blacktop, check culverts and add crushed rock as needed
- 2027: Coulee Trail

Maintenance Map | PASER Dashboard | **CIP Dashboard** | Road Projects Dashboard

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2028				6 - 8 mi	AMZ/Seal Coating/Fogging	

Example

- 10-Year Road Plan, 2025 – 2034
 - Town of Buchanan (Outagamie County)

Capital Improvement Plan
Town of Buchanan, Outagamie County, WI
☰

Data Filters

Select by Project Status

No Filter Proposed Complete

Select by Project Type

No Filter Construction Design

Land Purchase & Design

Select a Project Year

No Filter 2025 2026 2027

2028 2029 2030 2031

2032 2033 2034

Capital Improvement Plan Projects

Search...

- 2025: Stoney Brook Road (Springfield Drive to Creekview Drive)**
Construction Project (~\$1,859,000.00)
- 2025: Stoney Brook Rd (CTH KK to Springfield - asphalt only)**
Construction Project (~\$260,000.00)
- 2025: Eisenhower Design & ROW**
Design Project (~\$100,000.00)
- 2025: Springfield Drive (Stoney Brook Road - Eng**
Design Project (~\$82,000.00)
- 2025: CTH N Design**
Design Project (~\$20,000.00)
- 2026: Springfield Drive (Stoney Brook Road - Eisenhower Drive) - Urban Section**
Construction Project (~\$971,000.00)
- 2026: Eisenhower Trail - Construction (Grant amount \$643,640.80)**
Construction Project (~\$1,108,219.65)
- 2026: CTH N - Roadway County Funding (County and Town) Construction**
Construction Project (~\$800,000.00)
- 2026: Block Rd Pond Land Purchase and Design (SW Fund)**
Land Purchase & Design Project (~\$300,000.00)
- 2026: Block Rd (Berghuis to Debruin) - Engineering**
Design Project (~\$45,802.60)
- 2026: Debruin Rd (E-W Portion Only) (Block to Curve) - Engineering**
Design Project (~\$23,220.00)

Project Type

Construction	44.2M
Design	2.7M
Land Purchase & Design	300k

Selected Project Costs

\$47,184,842.3

Total Project Costs

\$47,184,842.3



THANK YOU

ANY QUESTIONS?



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