



City of Ferndale

CITY COUNCIL STAFF REPORT

MEETING DATE: June 20, 2023

AGENDA BILL # _____

SUBJECT: Six-Year Transportation Improvement Program 2023-2028

DATE: June 9, 2023

FROM: Kevin Renz, Public Works Director

PRESENTATION BY: Kevin Renz, Public Works Director

RECOMMENDATIONS:

Staff recommends that Council adopt Six-Year Transportation Improvement Program (TIP) for the period 2024-2029.

BACKGROUND:

The City is required under RCW 35.77.010 (Perpetual advanced six-year plans for coordinated transportation program expenditures) to prepare and adopt a comprehensive transportation program for the ensuing six calendar years. Inclusion of projects on the six year list allows for funding applications as well as expenditures to occur.

It is important to note that inclusion of the Six-Year TIP does not necessarily indicate that a project will be completed within the six year period; however, a project must be included for the City to expend funds.

ANALYSIS:

RCW 35.77.010 requires that the City must adopt a revised six year transportation program before July 1st of each year. The program must then be submitted within 30 days to the Secretary of Transportation. Adoption of the TIP requires a Public Hearing, currently scheduled for June 20, 2023, for Council discussion and consideration.

With the City's current major focus being Thornton Street Overcrossing as well as Thornton Vista to Malloy Projects, both of which have consumed the majority of the City's project management resources during at least the first year of the planning period, the 2024-2029 TIP is substantially similar to previous years; limited modifications to timeline, funding, and expenditure levels have been included as well as inclusion of Portal Way I-5 Northbound interchange.

The City currently working with Transpo Group completing the City's ADA Transition Plan and reviewing and modifying the 20-year project list included in the Transportation Element of the Comprehensive Plan to reflect current City development assumptions prior to the next required planning period. Development of ADA Transition Plan and the update of the 20-year list will inform future versions of the six-year TIP as well as the formation of the Transportation Impact Fees charged to new development within the City.

Additionally, City staff and consulting traffic engineers anticipate the Thornton Street Overcrossing project will have a dramatic impact on traffic patterns within the City. Due

to the unknown nature of future traffic patterns and changing development assumptions, City staff is not recommending substantial modification to the TIP at this time.

ALTERNATIVES CONSIDERED:

The alternatives considered include:

- 1) Proceed with the adoption of the Six-Year Transportation Improvement Program.
- 2) Take no action.
- 3) Direct modifications to the TIP.

FISCAL REVIEW: N/A

LEGAL REVIEW: N/A

CONCLUSION:

Staff recommends adoption of the 2024-2029 Six-Year Transportation Improvement Program. A public hearing and consideration are scheduled for the June 20, 2023 Council meeting.

RESOLUTION #23-06-20-A

A RESOLUTION OF THE COUNCIL OF THE CITY OF FERNDAL, WASHINGTON, ADOPTING THE SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM

WHEREAS, the annual review of the City of Ferndale comprehensive six-year transportation improvement program has been accomplished;

NOW THEREFORE, THE CITY COUNCIL OF THE CITY OF FERNDAL DO RESOLVE AS FOLLOWS:

1. That the Six-Year Transportation Improvement Program (TIP) for 2024 through 2029 is hereby adopted as shown in Exhibit 1;
2. That a copy of this street program, together with a copy of this resolution shall be filed with the Whatcom MPO for inclusion in the Regional Six-Year Transportation Improvement Program within the next 30 days;
3. That a copy of this street program be forwarded to the Washington State Department of Transportation Highway and Local Programs Engineer and the Washington State Transportation Improvement Board (TIB), as provided by law;
4. That copies of the 2024 - 2029 Six-Year Transportation Improvement Program shall be available at Ferndale City Hall.

APPROVED AND ADOPTED by the Ferndale City Council this 20th day of June, 2023.

ATTEST:

Greg Hansen, MAYOR

Susan Duncan, MMC, City Clerk

EXHIBIT 1

City of Ferndale
6-Year Transportation Improvement Program
2024-2029



Project Name Douglas Road South Church to Imhoff Road

Phase	Start Date	Cost Category	Cost Estimate
Engineering	tbd	Engineering	\$325,000.00
Right-of-Way	tbd	Right-of-Way	\$300,000.00
Construction	tbd	Construction	\$1,625,000.00
		Construction Management	\$185,000.00
Total			\$2,435,000.00

Funding

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees	x	
REET	x	
Other	x	
Total		\$0.00

Project Name Ferndale Terrace Improvement Project

Phase	Start Date	Cost Category	Cost Estimate
Engineering	2020-2021	Engineering	\$510,202.00
Right-of-Way	July-22	Right-of-Way	\$500,000.00
Construction		Construction	\$3,800,000.00
		Construction Management	\$380,000.00
Total			\$5,190,202.00

Funding

	Anticipated	Secured
State TIB	x	
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees		
REET	x	
Other	x	\$250,000.00
Total		\$250,000.00

Project Name Legoe Avenue

Phase	Start Date
Engineering	tbd
Right-of-Way	tbd
Construction	tbd

Cost Category	Cost Estimate
Engineering	\$95,000.00
Right-of-Way	\$385,000.00
Construction	\$950,000.00
Construction Management	\$145,000.00

Total \$1,575,000.00**Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees		
REET	x	
Other	x	
Total		\$0.00

Project Name Main Street - Barrett Road to City Limits

Phase	Start Date
Engineering	October-22
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$245,000.00
Right-of-Way	\$350,000.00
Construction	\$2,450,000.00
Construction Management	\$365,000.00

Total \$3,410,000.00**Funding**

	Anticipated	Secured
State TIB	x	
Federal Funds	x	\$1,095,000.00
Transportation Benefit District	x	
Traffic Impact Fees	x	
REET	x	
Other	x	
Total		\$1,095,000.00

Project Name Pavement Rehabilitation Program

Phase	Start Date
Engineering	ongoing
Right-of-Way	ongoing
Construction	ongoing

Cost Category	Cost Estimate
Engineering	\$60,000.00
Right-of-Way	
Construction	\$300,000.00
Construction Management	

Total \$360,000.00**Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees		
REET	x	
Other		
Total		\$0.00

Project Name Portal Way I-5 Northbound Roundabout

Phase	Start Date
Engineering	January-24
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$250,000.00
Right-of-Way	\$500,000.00
Construction	\$2,000,000.00
Construction Management	\$250,000.00

Total \$3,000,000.00**Funding**

	Anticipated	Secured
State TIB	x	
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees	x	
REET	x	
Other	x	

Total \$0.00**Project Name** Portal Way Corridor Including Bike and Pedestrian Improvements

Phase	Start Date
Engineering	
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$125,000.00
Right-of-Way	
Construction	
Construction Management	

Total \$125,000.00**Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District		
Traffic Impact Fees		
REET		
Other		

Total \$0.00**Project Name** Sidewalk Program (repair/replacement/ADA improvements)

Phase	Start Date
Engineering	ongoing
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$10,000.00
Right-of-Way	\$0.00
Construction	\$80,000.00
Construction Management	\$10,000.00

Total \$100,000.00**Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees		
REET	x	
Other	x	

Total \$0.00

Project Name Signalization Upgrades Main Street

Phase	Start Date
Engineering	January-17
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$50,000.00
Right-of-Way	\$0.00
Construction	\$500,000.00
Construction Management	\$50,000.00

Total **\$600,000.00****Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees	x	
REET	x	
Other	x	
Total		\$0.00

Project Name Slater Road Corridor

Phase	Start Date
Engineering	January-21
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	tbd
Right-of-Way	tbd
Construction	tbd
Construction Management	tbd

Total **\$0.00****Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District		
Traffic Impact Fees		
REET		
Other		
Total		\$0.00

Project Name Thronton - Church Road to Maureen Drive

Phase	Start Date
Engineering	January-25
Right-of-Way	
Construction	

Cost Category	Cost Estimate
Engineering	\$60,000.00
Right-of-Way	\$0.00
Construction	\$1,000,000.00
Construction Management	\$90,000.00

Total **\$1,150,000.00****Funding**

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District		
Traffic Impact Fees	x	
REET	x	
Other	x	
Total		\$0.00

Project Name Malloy Culvert

Phase	Start Date
Engineering	May-21
Right-of-Way	January-22
Construction	June-24

Cost Category	Cost Estimate
Engineering	\$250,000.00
Right-of-Way	\$50,000.00
Construction	\$2,500,000.00
Construction Management	\$200,000.00

Total **\$3,000,000.00**

Funding

	Anticipated	Secured
State TIB		
Federal Funds		
Transportation Benefit District	x	
Traffic Impact Fees	x	
REET	x	
Other	x	

Total **\$0.00**

Douglas Road: South Church to Imhoff



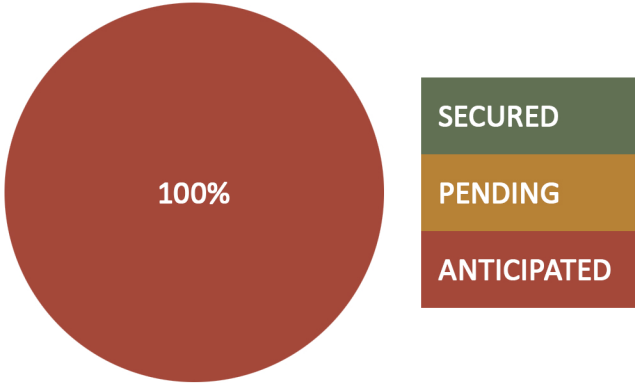
Improve and widen street to full City standard including curb, gutter, and sidewalk.

Project will also include water, sewer, stormwater improvements.

ANTICIPATED COSTS

DESIGN/ENG	\$325,000
RIGHT-OF-WAY	\$300,000
CONSTRUCTION	\$1,625,000
CONSTRUCTION MANAGEMENT	\$185,000
TOTAL	\$2,435,000

FUNDING



Ferndale Terrace Improvement Project

PLANNING

2020-2021
COMPLETE



DESIGN

Start July 2023



CONSTRUCTION

TBD



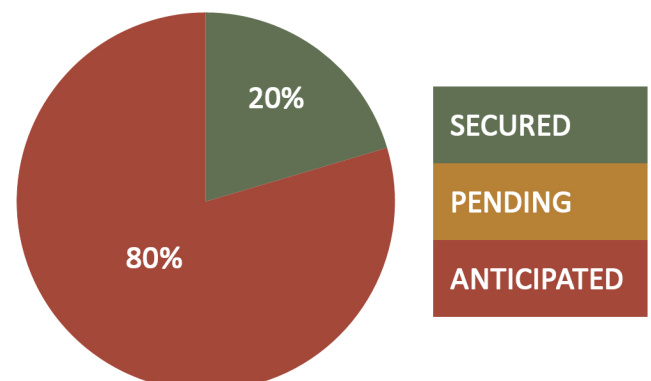
Improves the roadway between Vista Drive and Hendrickson Avenue to City standards. Street improvements include curb, gutter, and sidewalks. Utility upgrades include water, sewer, and stormwater lines.

This project will also improve the water quality and reduce stormwater flows in Schell Creek.

ANTICIPATED COSTS

DESIGN/ENG	\$510,202
RIGHT-OF-WAY	\$500,000
CONSTRUCTION	\$3,800,000
CONSTRUCTION MANAGEMENT	\$380,000
TOTAL	\$5,190,202

FUNDING



Legoe Avenue

PLANNING

TBD



DESIGN

TBD



CONSTRUCTION

TBD



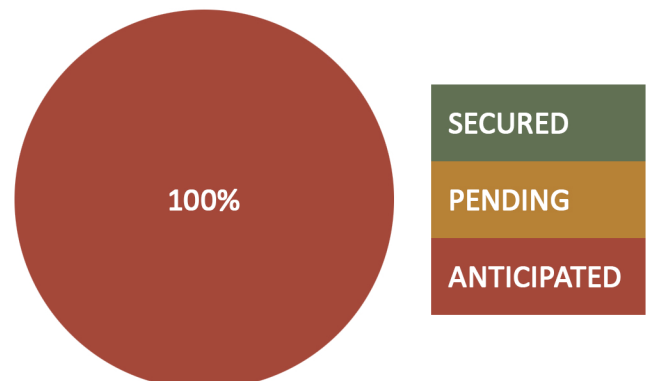
Improve and widen street to full City standard including curb, gutter, and sidewalk.

Project will also include water, sewer, stormwater improvements.

ANTICIPATED COSTS

DESIGN/ENG	\$95,000
RIGHT-OF-WAY	\$385,000
CONSTRUCTION	\$950,000
CONSTRUCTION MANAGEMENT	\$145,000
TOTAL	\$1,575,000

FUNDING



Main St: Barrett to East City Limits

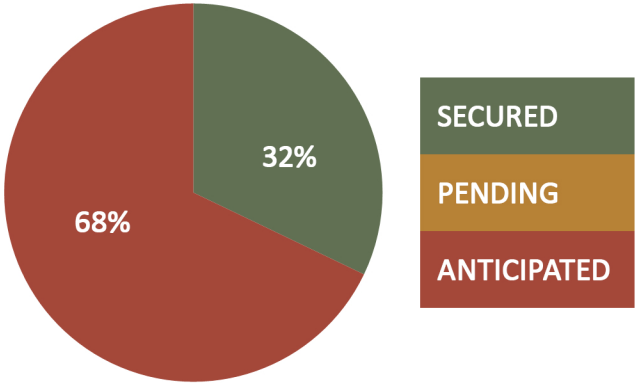


This project consists of widening of the roadway to City standard, including 5’ wide shoulders, new sidewalks, crosswalks, streetlights, and bus pullouts. Stormwater improvements will protect Tenmile Creek/Barrett Lake. Project will also include water and sewer upgrades.

ANTICIPATED COSTS

DESIGN/ENG	\$245,000
RIGHT-OF-WAY	\$350,000
CONSTRUCTION	\$2,450,000
CONSTRUCTION MANAGEMENT	\$365,000
TOTAL	\$3,410,000

FUNDING



Pavement Rehabilitation Program

PLANNING

Ongoing



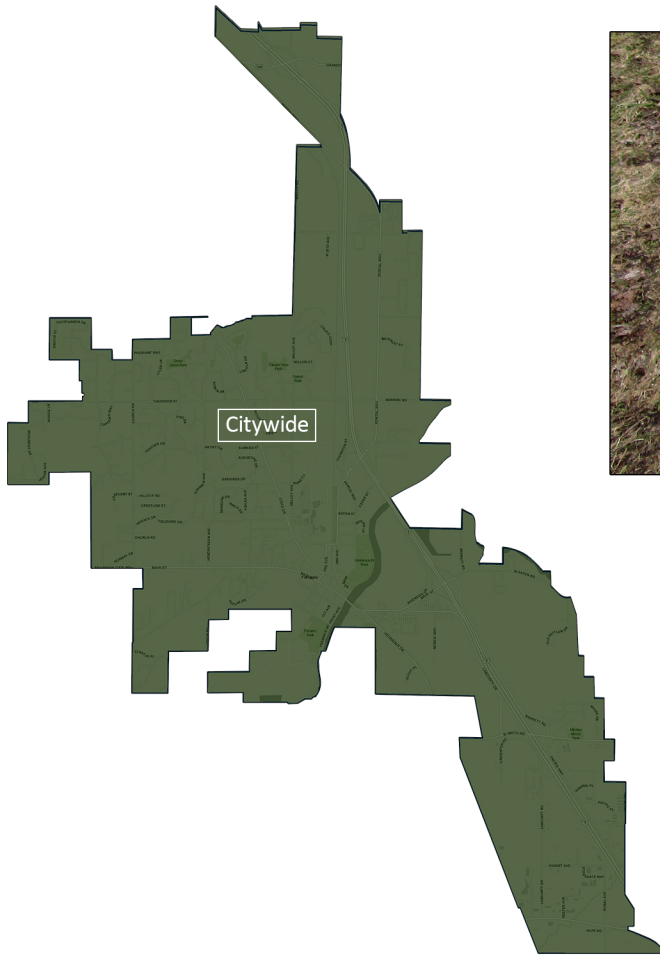
DESIGN

Ongoing



CONSTRUCTION

Ongoing

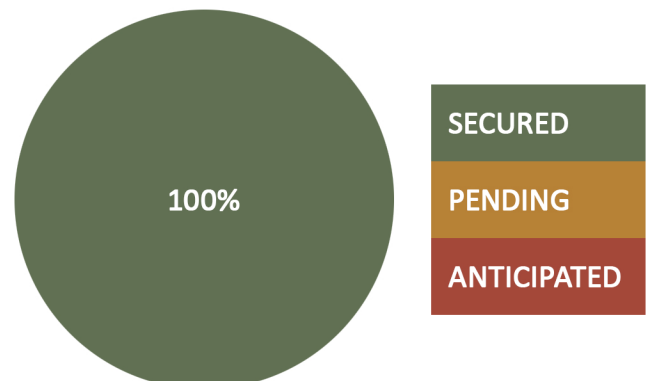


This ongoing project addresses failing sections of pavement within City limits. The projects are selected on an annual basis and funded in part with REET funds.

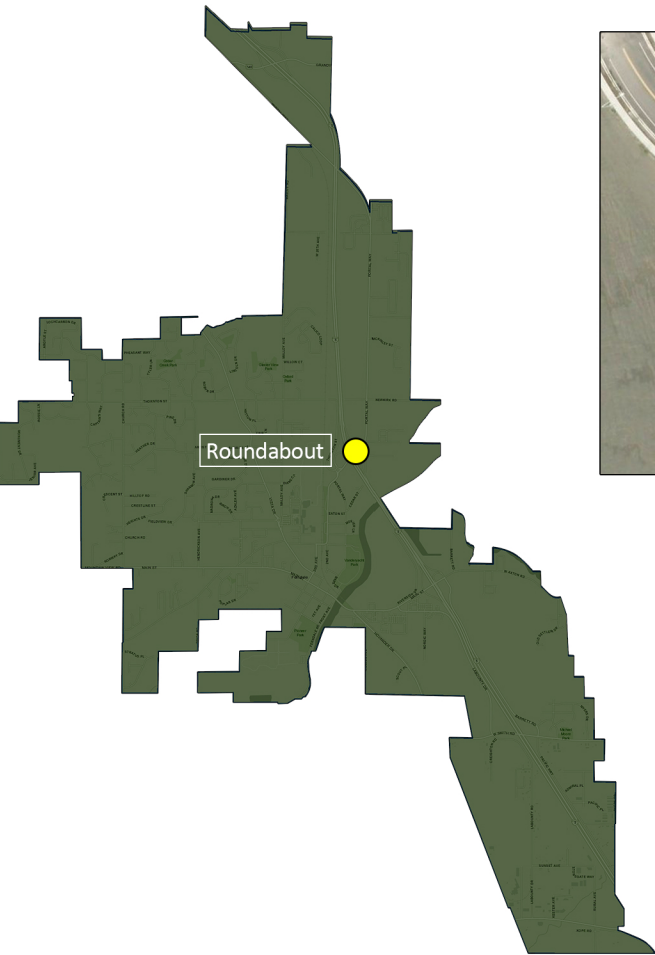
ANTICIPATED COSTS

DESIGN/ENG	\$60,000
RIGHT-OF-WAY	\$0
CONSTRUCTION	\$300,000
CONSTRUCTION MANAGEMENT	\$0
TOTAL	\$360,000

FUNDING



Portal Way Northbound I-5 Roundabout

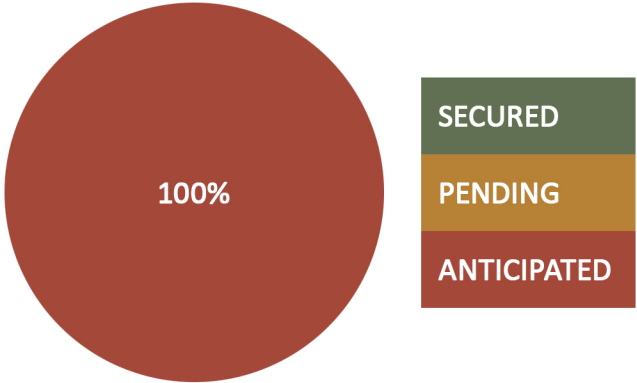


This project upgrades the compact roundabout at I-5 northbound Portal Way into a full size roundabout with slip lanes. Pedestrian, bike friendly improvements are included.

ANTICIPATED COSTS

DESIGN/ENG	\$250,000
RIGHT-OF-WAY	\$500,000
CONSTRUCTION	\$2,000,000
CONSTRUCTION MANAGEMENT	\$250,000
TOTAL	\$3,000,000

FUNDING



Portal Way Corridor

PLANNING

TBD



DESIGN

TBD



CONSTRUCTION

TBD



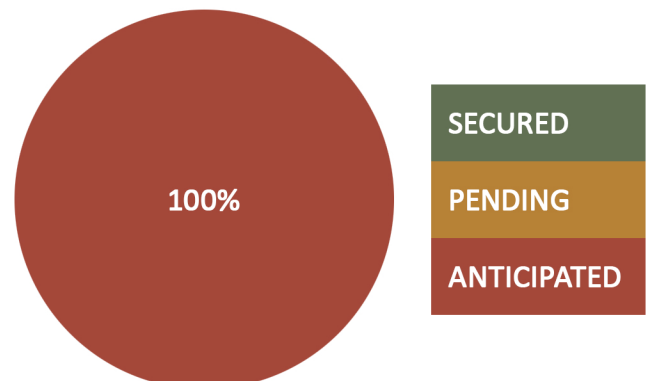
This project provides corridor design for future upgrades to Portal Way.

Pedestrian and bike friendly improvements are an expressed goal of this project.

ANTICIPATED COSTS

DESIGN/ENG	\$125,000
RIGHT-OF-WAY	\$0
CONSTRUCTION	\$0
CONSTRUCTION MANAGEMENT	\$0
TOTAL	\$125,000

FUNDING



Sidewalk Program (Repair/Replace/New/ADA)

PLANNING

Ongoing



DESIGN

Ongoing



CONSTRUCTION

Ongoing



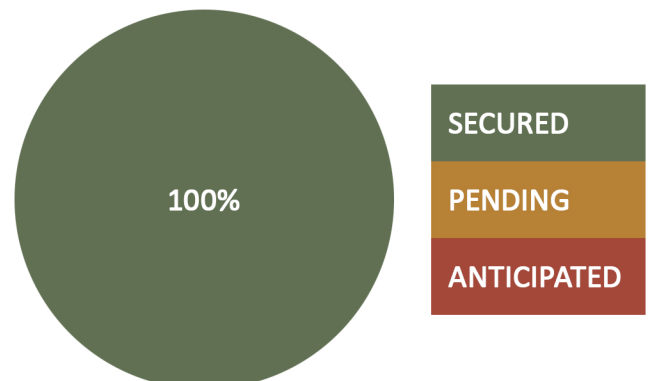
An ongoing, citywide project to keep current City sidewalks in good condition while adding new sidewalks.

ADA ramp improvements and additional RRFB crosswalks will increase pedestrian usability and safety.

ANTICIPATED COSTS

DESIGN/ENG	\$10,000
RIGHT-OF-WAY	\$0
CONSTRUCTION	\$80,000
CONSTRUCTION MANAGEMENT	\$10,000
TOTAL	\$100,000

FUNDING



Signalization Upgrades - Main Street

PLANNING

Completed in 2017



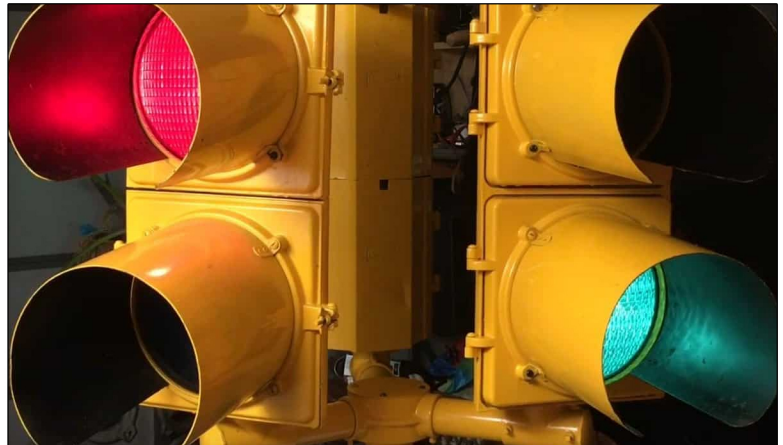
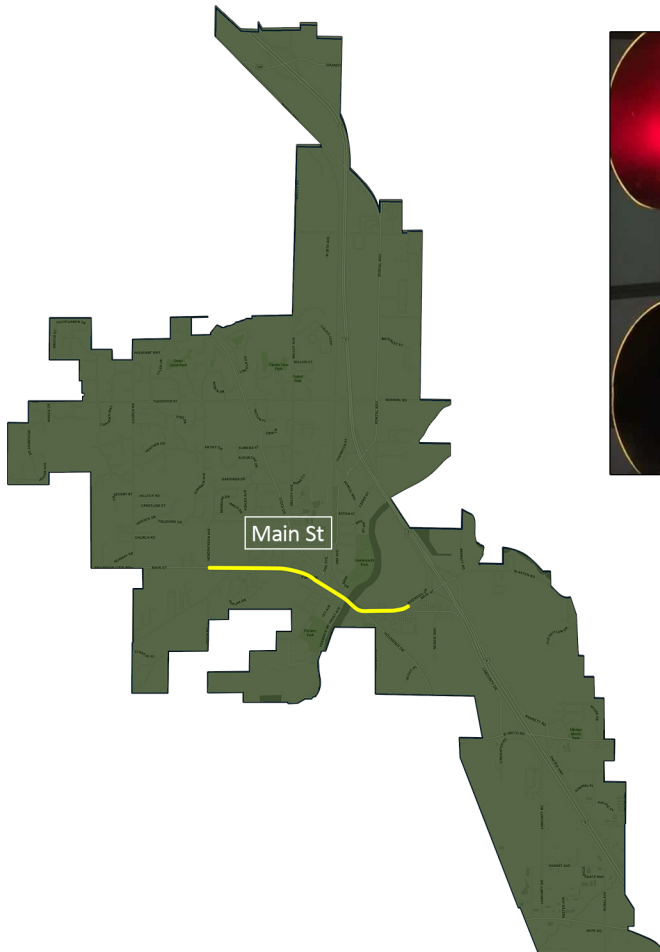
DESIGN

N/A



CONSTRUCTION

Ongoing



Ongoing traffic signal monitoring and upgrades on Main Street through the downtown core.

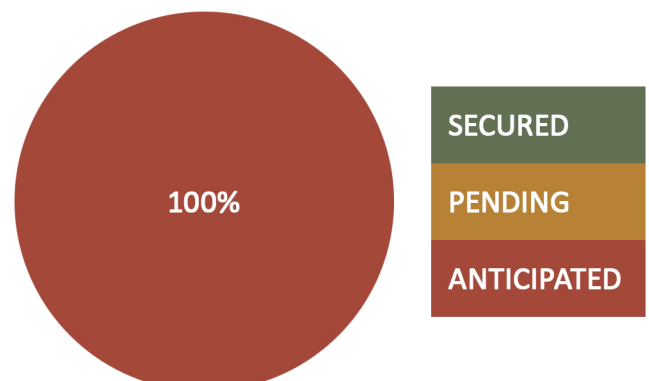
1st and Main pedestrian improvements are complete.

This project is eligible to use funds from the Traffic Impact Fee.

ANTICIPATED COSTS

DESIGN/ENG	\$50,000
RIGHT-OF-WAY	\$0
CONSTRUCTION	\$500,000
CONSTRUCTION MANAGEMENT	\$50,000
TOTAL	\$600,000

FUNDING



Slater Road Corridor

PLANNING

Started in 2021



DESIGN

TBD



CONSTRUCTION

TBD



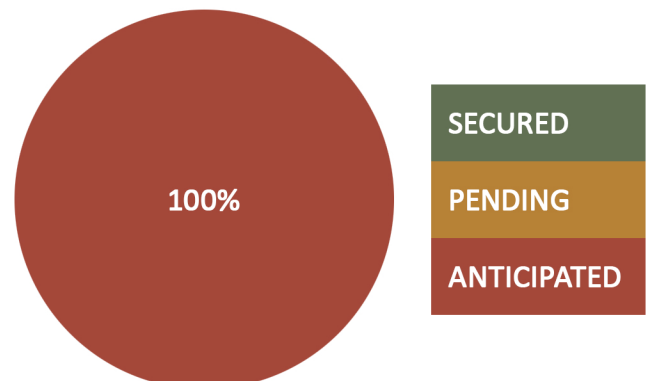
Multi-jurisdictional project to improve the heavily used Slater Road corridor from Northwest Dr. to Rural Ave.

Project includes a series of roundabouts.

ANTICIPATED COSTS

DESIGN/ENG	TBD
RIGHT-OF-WAY	TBD
CONSTRUCTION	TBD
CONSTRUCTION MANAGEMENT	TBD
TOTAL	TBD

FUNDING



Thornton: Church to Maureen

PLANNING

Start in 2025



DESIGN

TBD



CONSTRUCTION

TBD

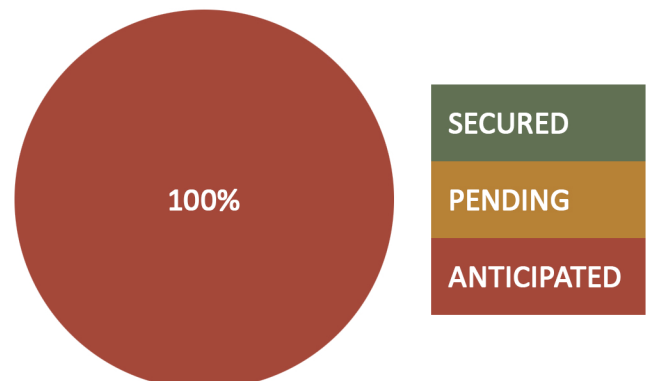


8' road widening on the north side of Church Road. Includes the addition of curb, gutter, and sidewalks. Stormwater upgrades.

ANTICIPATED COSTS

DESIGN/ENG	\$60,000
RIGHT-OF-WAY	\$0
CONSTRUCTION	\$1,000,000
CONSTRUCTION MANAGEMENT	\$90,000
TOTAL	\$1,150,000

FUNDING



Malloy “Whisky Creek” Culvert

PLANNING

2021
COMPLETE



DESIGN

2021-2023
UNDERWAY



CONSTRUCTION

Start in 2024



This project replaces a failing culvert at Whisky Creek and Malloy Ave. The new culvert includes a fish passage structure.

In addition, the roadway will be brought up to City standard including curb, gutter, sidewalks, wide shoulder, and lighting.

Finally, the existing water main will be extended.

ANTICIPATED COSTS

DESIGN/ENG	\$250,000
RIGHT-OF-WAY	\$50,000
CONSTRUCTION	\$2,500,000
CONSTRUCTION MANAGEMENT	\$200,000
TOTAL	\$2,950,000

FUNDING

