



MONROE CITY COUNCIL

Agenda Bill No. 20-014

SUBJECT:	Authorize Preparation of Plans and Specifications/Solicitation of Bids for Construction (2020 Capital Improvement Projects)
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DATE:	DEPT:	CONTACT:	PRESENTER:	ITEM:
01/21/2020	Public Works Design & Construction	Scott Peterson	Scott Peterson	Consent Agenda #11

Discussion: 01/21/2020
Attachments: 1. Project Descriptions
 2. Project Location Map

REQUESTED ACTION: Move to authorize the preparation of plans and/or specifications and an estimate of project cost for the following 2020 Capital Improvement Projects: 2020 Annual Road Maintenance, N. Madison Street Improvements, Rainier View Rd PRV, S. Taft Lane Sewer Main Replacement, Woods Creek Rd Water Main Replacement, Lake Tye Stormwater Improvements, and 2021 Annual Road Maintenance.

POLICY CONSIDERATIONS

In accordance with the City of Monroe Procurement Policies & Procedures, Section 5, Public Works Projects, City Council approval is required for the preparation of Plans, Specifications, and Estimate for projects costing over \$100,000.

DESCRIPTION/BACKGROUND

The Public Works Design and Construction Division requests Council authorization to develop plans, specifications, and estimates for the following new projects, which are part of the Capital Facilities Plan adopted by the City Council on November 12, 2019 (Ord. 022/2019):

1. 2020 Annual Road Maintenance
2. N. Madison Street Improvements
3. Rainier View Rd PRV
4. S. Taft Lane Sewer Main Replacement
5. Woods Creek Rd Water Main Replacement
6. Lake Tye Stormwater Improvements
7. 2021 Annual Road Maintenance

See Project Descriptions and Map for more detailed information (Attachments 1 and 2).

FISCAL IMPACTS

The table on the following page identifies the funding by source for each of these projects along with the 2020 budgets:

Project Name	Phase	Street 318	Water 412	Sewer 422	Storm 432
<i>2020 Annual Road Maintenance</i>	PE/CN	\$1,241,415			
<i>N. Madison Street Improvements</i>	PE	\$ 25,000	\$ 25,000	\$ 25,000	
<i>Rainier View Rd PRV</i>	PE/CN		\$ 277,830		
<i>S. Taft Lane Sewer Main Replacement</i>	PE			\$ 16,800	
<i>Woods Creek Rd Water Main Replacement</i>	PE		\$ 297,596		
<i>Lake Tye Stormwater Improvements</i>	PE				\$ 277,493
<i>2021 Annual Road Maintenance</i>	PE	X			
Total		\$1,266,415	\$ 600,426	\$ 41,800	\$ 277,493

PE = Design; CN = Construction

The amount for annual road maintenance (\$1,241,415) is reimbursed to the City by the Monroe Transportation Benefit District.

TIME CONSTRAINTS

Approval is requested by Council to advance project development. Without approval, the projects will be placed on hold and cause delays in each of the projects' timelines.

ALTERNATIVES

Do not authorize the preparation of plans and/or specifications; and provide direction to the Mayor and staff regarding areas of concern.



PROJECT DESCRIPTIONS

The information provided below includes a brief description of the new project and a table indicating anticipated project cost by phase and fund. The associated phases of a project include Design (PE), Right-of-Way acquisition (RW), and Construction (CN).

1. 2020 ANNUAL ROAD MAINTENANCE

The City has budgeted approximately \$1,241,415 toward preserving existing streets in 2020. Work elements include new asphalt surfacing, roadway striping, and upgrading adjacent sidewalk ramps to current standards. The street fund will be reimbursed by the voter approved Transportation Benefit District (TBD). All design and construction will occur in 2020.

Phase	Street 318
PE (2020)	30,000
RW	
CN (2020)	1,211,415
Total	1,241,415

Road Name*	From	To
154th St SE	166 th Ave SE	Mulberry Dr
Cascade View Dr	US 2	NE end
Village Way	W Main St	W Main St
Main St	Madison St	Lewis St

**Preliminary road list*

2. N. MADISON STREET IMPROVEMENTS

This project will reconstruct N. Madison Street, from Main Street to Elizabeth Street. Primary work elements include replacing the asphalt, curbing and sidewalk, replacing the aging sewer and water mains within the street, and constructing a new stormwater system that will separate stormwater runoff from entering the city's sanitary sewer system. The Department of Ecology has awarded \$1,299,625 in a Stormwater Financial Assistance Program (SFAP) grant to help fund the new stormwater element.

Phase	Street 318	Water 412	Sewer 422	Storm 432	Total
PE (2020)	25,000	25,000	25,000		75,000
RW					
CN (2021)	740,086	408,324	1,920,305		3,068,715
Total	765,086	433,324	1,945,305		3,143,715

3. RAINIER VIEW RD PRV

This project will increase water system reliability by installing a pressure reducing valve (PRV) between two of the City's pressure zones: Wagner 517 and The Farm 440. This PRV is proposed along Rainier View Road, but further analysis may identify 199th Avenue SE as the more optimal location for this valve.

Paid through existing water rate revenues.

Phase	Water 412
PE (2020)	50,000
RW	
CN (2020)	227,830
Total	277,830

4. S. TAFT LANE SEWER MAIN REPLACEMENT

This project replaces aging sewer main, beginning at McDougall Street and ending at a newer manhole located approximately 300 feet north in Taft Lane .

Paid through existing sewer rate revenues.

Phase	Sewer 422
PE (2020)	16,800
RW	
CN (2021)	64,999
Total	81,799

5. WOODS CREEK RD WATER MAIN REPLACEMENT

This project replaces approximately 750 feet of aging water main located under Woods Creek Road, between US 2 and Tjerne Place SE. Once the replacement is complete, this street segment will receive new asphalt surfacing and upgrade the sidewalk ramps to current federal standards.

Paid through existing water rate revenues.

Phase	Water 412
PE (2020)	297,596
RW	
CN (2021)	1,249,905
Total	1,547,501

6. LAKE TYE STORMWATER IMPROVEMENTS

The existing stormwater treatment bioswale and treatment pond has been compromised and no longer functional. In 2019, the City consulted with BHC Consultants Inc to evaluate the contributing drainage basin and provide recommendations to either re-establish the existing system or install a different system. This project will select the best system for Lake Tye and complete the design in 2020. Actual construction is proposed in 2021.

Paid through existing storm rate revenues.

Phase	Storm 432
PE (2020)	277,493
RW	
CN (2021)	559,133
Total	836,626

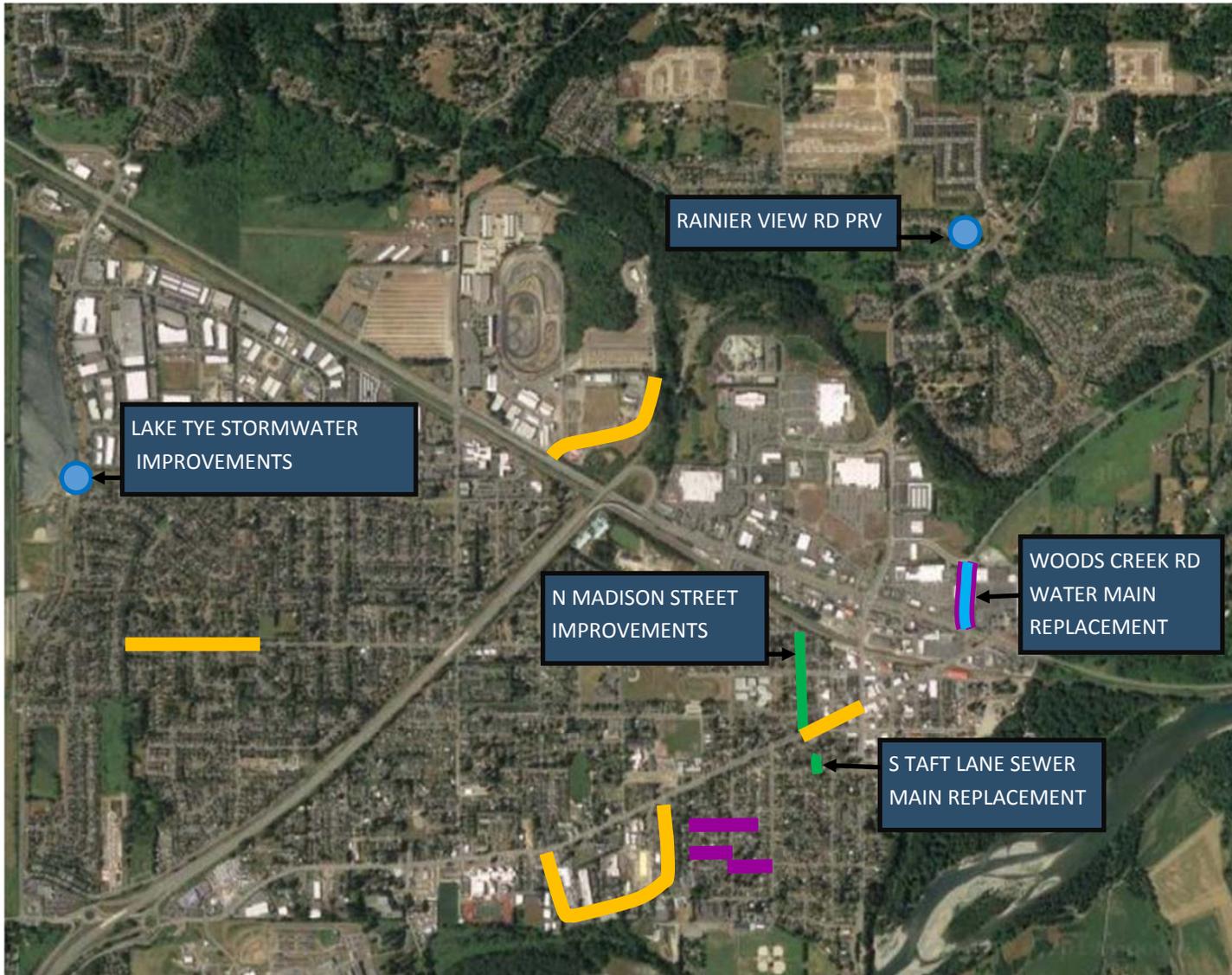
7. 2021 ANNUAL ROAD MAINTENANCE

The City plans on spending \$1,303,486 toward preserving existing streets in 2021. Work elements include new asphalt surfacing, roadway striping, and upgrading adjacent sidewalk ramps to current standards. The street fund will be reimbursed by the voter approved Transportation Benefit District (TBD). Preliminary design will occur in 2020, while final design and construction will occur in 2021.

Phase	Street 318
PE (2021)	30,000
RW	
CN (2021)	1,273,486
Total	1,303,486

Road Name*	From	To
Powell St	Kelsey St	S Sams St
Monroe St	Park St	Kelsey St
Roberts St	Park St	Adams Ln
Woods Creek Rd	US 2	Tjerne PI SE

**Incomplete, preliminary road list*



- 2020 Annual Road Maintenance, preliminary roads to be included
- 2021 Annual Road Maintenance, preliminary roads to be included

PROJECT LOCATION MAP