



# MAYOR & COUNCIL COMMUNICATION

**DATE:** November 15, 2016  
**CONSENT**  
**ITEM #** 15

**AGENDA ITEM:** Washington County DRAFT 2017-2021 Capital Improvement Plan – City Comments for Consideration

**SUBMITTED BY:** Jack Griffin, City Engineer

**THROUGH:** Kristina Handt, City Administrator

**REVIEWED BY:** Stephen Wensman, Planning Director

**SUGGESTED ORDER OF BUSINESS *if removed from the Consent Agenda*:**

- Questions from Council to Staff ..... Mayor Facilitates
- Public Input, if Appropriate.....Mayor Facilitates
- Call for Motion ..... Mayor & City Council
- Discussion ..... Mayor & City Council
- Action on Motion ..... Mayor Facilitates

**POLICY RECOMMENDER:** City Staff.

**FISCAL IMPACT:** None at this time. However County improvement projects completed within the City of Lake Elmo often contain a cost participation by the City.

**SUMMARY AND ACTION REQUESTED:** The City Council is respectfully requested to consider approving, *as part of the Consent Agenda*, staff comments to be submitted to Washington County regarding the County’s DRAFT 2017-2021 Capital Improvement Plan.

**LEGISLATIVE HISTORY/BACKGROUND INFORMATION:** On October 11, 2016 City staff received notice from Washington County that the DRAFT 2017-2021 Capital Improvement Plan was available for review and comment with comments due by November 21, 2016. The County will be holding a public hearing on its DRAFT 2017-2021 CIP on December 13th, 2016 prior to adopting the final document. Following is the notice from the County for accepting public comments:

*As part of its annual budget process, Washington County prepares a five year Capital Improvement Plan (CIP). The CIP includes the county’s tentative plans for roads, bridges, parks, land, trails, and public facilities. The first year of this plan is included in the county’s proposed 2017 budget. The “out-years” of*

*2018-2021 reflect projected needs and estimated costs, which may change based on future priorities and funding opportunities. For instance, while there are projects included within the CIP reflecting bond proceeds as a possible funding source, the County Board has not yet determined a formal bonding plan. Projects will be reevaluated at the appropriate time, and may change based on the outcomes of an approved bonding plan. Projects that were budgeted in 2016 (or prior to), and are not yet completed, are not reflected in the draft 2017-2021 CIP; funding sources for those projects have been set aside, and therefore, aren't reflected in future years' CIP documents.*

*To review this year's CIP document, please visit the county's website, or click on this link: <https://www.co.washington.mn.us/1257/Capital-Improvement-Plans>. A hardcopy version will also be made available for review at each of the county's branch libraries later this week.*

*We invite you to send your comments on the proposed projects to [Melinda.Kirk@co.washington.mn.us](mailto:Melinda.Kirk@co.washington.mn.us) or to [Wayne.Sandberg@co.washington.mn.us](mailto:Wayne.Sandberg@co.washington.mn.us). Comments must be received by November 21st, 2016 to be considered when developing the final CIP. A public hearing will also be held on December 13th, 2016 prior to adopting the final document.*

*As always, thank you for your continued interest in the capital planning process of Washington County.*

Staff has reviewed the County's DRAFT 2017-2021 CIP. The attached packet highlights the substantial projects included within the City of Lake Elmo, however this summary does not attempt to itemize the Park and Public Facilities projects with the exception of a proposed trail connection in the Lake Elmo Park Reserve to Inwood Avenue. It should also be noted that the County completes intersection control projects and pavement preservation projects each year but the specific work related to these improvements is not identified within the CIP document. Staff contacted the County with specific questions related to this annual work and has confirmed that the County is still proposing to install a signalized intersection at CSAH 14 and 50<sup>th</sup> Street in 2017. The pavement preservation projects includes Lake Elmo Avenue, CR17B, from Hudson Boulevard to 10<sup>th</sup> Street North in 2018.

Finally, the CSAH 15 Phase 2 Improvements that includes the CSAH 15 and CSAH 14 intersection realignment is still proposed for construction in 2018 but is not listed in the CIP document because the funding has already been secured and the project design is in progress. The city local cost participation amount for this project has not yet been provided. The CSAH 15 Phase 2 Improvements has been recently expanded to include center left turn lanes at 30<sup>th</sup> Street and at Manning Trail since this segment of the Manning Avenue (Phase 3) is not likely to occur until the year 2023. In addition the County is still reviewing whether or not to install a traffic signal at the CSAH 15 and Old Highway 5 intersection to accommodate the Holiday station and Fields of St. Croix neighborhood.

Notable road projects that are missing from the County's 2017-2021 CIP include Lake Elmo Avenue (Phase 3) improvements from 30<sup>th</sup> Street to 10<sup>th</sup> Street, and CSAH 13 (Ideal/Inwood) Phase 2 improvements from CSAH 14 to 44<sup>th</sup> Street.

Staff has prepared the following comments to be resubmitted to the County prior to the end of the comment period on November 21st. This comment was submitted last year and remains applicable to the City's request.

1. *Last year, the Lake Elmo Parks commission requested that a proposed east-west trail route connecting Oakdale to Stillwater through Lake Elmo along County State Aid Highway 14 be added to the 2016-2020 Washington County CIP. The City of Lake Elmo continues to encourage Washington County to consider this improvement a priority trail connection and is hereby making this request again for the 2017-2021 CIP. We understand from communications with the County that it is unlikely for this trail to be placed within their CIP this year due to the funding source, however, staff believes it remains important for the City to keep this trail route present to encourage the County to begin planning for this trail route as soon as possible. This trail has been programmed in the City's CIP for 2020-2021 construction.*
2. *The City of Lake Elmo supports the CSAH 13 (Ideal/Inwood Avenue) Phase 2 Improvements and would request this project to be included in the 2017-2021 CIP in order to complete an important trail connection between CSAH 14 and 50<sup>th</sup> Street along Olson Lake.*

**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, staff comments to be submitted to Washington County regarding the County's 2017-2021 Capital Improvement Plan. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to approve staff comments to be submitted to Washington County regarding the County's 2017-2021 Capital Improvement Plan with comments to be submitted on or before November 21, 2016.”***

**ATTACHMENT(S):**

1. Summary packet of the Washington County DRAFT 2017-2021 Capital Improvement Plan to highlight Lake Elmo projects.



MINNESOTA

**Capital  
Improvement  
Plan  
2017-2021**

**\*\*\*Draft\*\*\***

October 2016

# Washington County, Minnesota

## *Capital Plan*

2017 thru 2021

### PROJECTS BY CATEGORY

Category	Project#	2017	2018	2019	2020	2021	Total
<b>Parks &amp; Land</b>							
Dome Flag Renovation	HC-1048-023	50,000					50,000
Basement Window Replacement	HC-1048-025	30,000					30,000
Retaining Wall Cap Repair	HC-1048-026	50,000					50,000
Park Facilities/Infrastructure Improvement Program	PARK-1003	250,000	250,000	250,000	250,000	250,000	1,250,000
Northern Parks Maintenance Shop Feasibility Study	PARK-2011	30,000					30,000
Lake Elmo Park Reserve Swim Pond Area - Phase II	PARK-3005	413,000					413,000
Lake Elmo Park Reserve - Eagle Point Lake Trail	PARK-3006		900,000				900,000
Cottage Grove Ravine Regional Park Renovation	PARK-4003	793,000					793,000
St. Croix Bluffs Regional Park - Boat Launch	PARK-8011	100,000					100,000
Point Douglas Regional Trail	PARK-9000	400,000					400,000
<b>Parks &amp; Land Total</b>		<b>2,116,000</b>	<b>1,150,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>4,016,000</b>
<b>Public Facilities</b>							
Gov Ctr South/North Exterior Envelope Repair	BSD-1002-012			450,000			450,000
Law Enforcement Center Ramp/Deck Waterproofing	BSD-1005-023		400,000				400,000
Carpet Replacement/Wall Repairs	BSD-CW-1601	250,000	250,000	250,000			750,000
Facility Condition Improvement Projects	BSD-CW-2001				900,000	900,000	1,800,000
Government Center - Heating and Cooling Plant	BSD-GC-2101			300,000			300,000
License Center Modifications	BSD-LC-1601	400,000					400,000
Oakdale Library Building Automation Replacement	BSD-ODL-1701		110,000				110,000
Oakdale Library Exterior Envelope Repairs	BSD-ODL-1702		60,000				60,000
Woodbury Service Center Scoping Study	BSD-WSC-1701	30,000					30,000
Interior Renovations	HC-1048-027			25,000			25,000
Exterior Renovations	HC-1048-028				25,000		25,000
Campground Improvements	PARK-1002		157,000				157,000
Big Marine Park Reserve Playground	PARK-2013					200,000	200,000
Lake Elmo Park Reserve Playground Improvements	PARK-3007			150,000	300,000		450,000
Lake Elmo Park Improvements	PARK-3008			1,788,100			1,788,100
Lake Elmo Park Maintenance Facility	PARK-3009					1,150,000	1,150,000
Ravine Regional Park Improvements - Phase II	PARK-4004				1,250,000		1,250,000
St. Croix Bluffs Improvements	PARK-8012		800,000				800,000
St. Croix Bluffs Playground Improvements	PARK-8013				300,000		300,000
St. Croix Bluffs Pavement and Trails	PARK-8014					500,000	500,000
<b>Public Facilities Total</b>		<b>680,000</b>	<b>1,777,000</b>	<b>2,963,100</b>	<b>2,775,000</b>	<b>2,750,000</b>	<b>10,945,100</b>
<b>Road &amp; Bridge</b>							
Proposed Bond Sale - 2019	BOND-2019			30,000,000			30,000,000
Red Rock Corridor Development	RAIL-2297-09				50,000	50,000	100,000
Gateway Gold Line Bus Rapid Transit (BRT)	RAIL-2297-11		2,500,000	2,000,000	2,000,000	15,000,000	21,500,000
Intersection Control Projects	RB-2201	420,000	420,000	420,000	420,000	420,000	2,100,000
Misc. Safety/Traffic Capacity Projects	RB-2203	100,000	100,000	100,000	100,000	100,000	500,000
Pavement Preservation & Rehab	RB-2204	4,881,700	5,481,700	5,481,700	5,481,700	5,481,700	26,808,500
Structures	RB-2216	350,000	350,000	350,000	350,000	350,000	1,750,000
CSAH 18 - CSAH 13 to CSAH 38	RB-2512		200,000	100,000	6,000,000		6,300,000

Category	Project#	2017	2018	2019	2020	2021	Total
CSAH 24 - N/S of TH 36	RB-2541	250,000	2,430,000				2,680,000
CSAH 22 - TH 61 to TH 95	RB-2564	4,500,000					4,500,000
CSAH 14, CSAH 21 & CSAH 24	RB-2567	3,600,000					3,600,000
<b>CSAH 13 - TH 5 to CSAH 35</b>	<b>RB-2570</b>	<b>4,200,000</b>					<b>4,200,000</b>
CR 75 - Crossing	RB-2576	500,000					500,000
CSAH 21 - I-94 to CSAH 14	RB-2577	500,000	3,000,000				3,500,000
St. Croix Valley Jurisdictional Study	RB-2578		500,000				500,000
CSAH 12 - TH 244 to CSAH 9	RB-2581		200,000	2,500,000		4,000,000	6,700,000
<b>CSAH 13 - I-94 Pedestrian Bridge</b>	<b>RB-2587</b>		<b>50,000</b>	<b>3,367,400</b>			<b>3,417,400</b>
<b>CSAH 15 &amp; TH 36 Interchange</b>	<b>RB-2588</b>			<b>500,000</b>	<b>1,000,000</b>	<b>19,000,000</b>	<b>20,500,000</b>
CSAH 35 & TH 36 Interchange	RB-2589	1,664,200	3,681,000	12,646,500			17,991,700
CSAH 13 - Central Park Pl to Afton Rd/Pioneer Dr	RB-2590		25,000	100,000			125,000
CSAH 9 - Gateway Trail Crossing	RB-2591		200,000				200,000
CSAH 18 - I-494 Crossing	RB-2592		35,000	350,000			385,000
CSAH 19 - CSAH 18 to Ravine Park	RB-2593		184,700	834,700			1,019,400
CSAH 19 - TH 61 North Frontage Road	RB-2596	2,000,000	700,000				2,700,000
CSAH 23 - E Walnut St to E Chestnut St	RB-2599	50,000	1,000,000				1,050,000
CSAH 19 - Tamarack to I-94	RB-2601			500,000			500,000
CSAH 18 - I-94 to Downtown Afton	RB-2603	350,000					350,000
CSAH 5 - Croixwood Blvd to Brick St	RB-2607	220,000	1,100,000				1,320,000
CSAH 32	RB-2609					500,000	500,000
CSAH 33	RB-2611					500,000	500,000
CSAH 5 - Brick St to TH 96	RB-2613		400,000	2,000,000			2,400,000
CSAH 13 & CSAH 22 Intersection	RB-2615	200,000	400,000	2,550,000			3,150,000
<b>CSAH 17 - CSAH 10 to 30th Street</b>	<b>RB-2619</b>		<b>2,150,000</b>				<b>2,150,000</b>
CR 65 - CSAH 10 to CSAH 14	RB-2621		450,000	300,000	5,000,000		5,750,000
<b>Road &amp; Bridge Total</b>		<b>23,785,900</b>	<b>25,557,400</b>	<b>64,100,300</b>	<b>20,401,700</b>	<b>45,401,700</b>	<b>179,247,000</b>
<b>GRAND TOTAL</b>		<b>26,581,900</b>	<b>28,484,400</b>	<b>67,313,400</b>	<b>23,426,700</b>	<b>48,401,700</b>	<b>194,208,100</b>

**Project #**     **PARK-3006**  
**Project Name**   **Lake Elmo Park Reserve - Eagle Point Lake Trail**

**Location**   Lake Elmo

**Department**   Capital Parks Projects  
**Contact**       PWD  
**Type**           Construction  
**Useful Life**   5+ years  
**Category**      Parks & Land

**Description**

The project scope includes a new trail connection between Inwood Avenue and the recently redeveloped trailhead in Lake Elmo Park Reserve. This project will build upon investments being made along Inwood Avenue, trail planning efforts in the area, and the improved trailheads in the Lake Elmo Park Reserve. A separate capital improvement project for a paved trail along Inwood Avenue (RB-2561) will be constructed in 2018.

**Justification**

Recent planning efforts in and around Lake Elmo Park Reserve have involved connecting communities with the park reserve. The West Side Access Plan identifies a trail access point along Inwood Avenue, and project RB-2561 brings a paved trail to this location. This project would build on these efforts by providing an ADA accessible trail from Inwood Avenue, past Eagle Point Lake, to existing paved trails and trailhead facilities. This project would effectively connect local communities to the park with a paved trail.

In addition to making an important community connection, the trail along Eagle Point Lake provides views of some of the most scenic natural areas in the park. The trail also offers viewing blinds for watching and learning about wildlife. This trail would make these views more accessible to people with mobility impairments and people with strollers.

<b>Expenditures</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Planning / Design		130,000				130,000
Construction		770,000				770,000
<b>Total</b>		<b>900,000</b>				<b>900,000</b>
<b>Funding Sources</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
State Bonds		900,000				900,000
<b>Total</b>		<b>900,000</b>				<b>900,000</b>

**Budget Impact/Other**

The project will increase operation and maintenance costs because of the added infrastructure.

Funding originates from state bonds. Funding will come in the form of a grant from the Metropolitan Council.

**Project #** RB-2570  
**Project Name** CSAH 13 - TH 5 to CSAH 35

**Location** Oakdale

**Department** Capital Road & Bridge Projects  
**Contact** PWD  
**Type** Construction  
**Useful Life** 5+ years  
**Category** Road & Bridge

**Description**

The project scope includes the following improvements on County State Aid Highway (CSAH) 13 (Ideal Avenue) from Old Trunk Highway (TH) 5 to CSAH 35 (50th Street North):

1. Pavement improvements
2. Drainage improvements
3. Pedestrian improvements

The total estimated cost for this project is \$4,700,000. Funds were also budgeted in a prior CIP for this project.

**Justification**

CSAH 13 is a north-south minor arterial serving the cities of Oakdale and Lake Elmo. The roadway has poor pavement condition. The number of street intersections and the desire to improve pedestrian and cycling opportunities in the corridor justifies this project.

<b>Expenditures</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Construction	4,200,000					4,200,000
<b>Total</b>	<b>4,200,000</b>					<b>4,200,000</b>
<b>Funding Sources</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
State Aid	700,000					700,000
State Grants	3,500,000					3,500,000
<b>Total</b>	<b>4,200,000</b>					<b>4,200,000</b>

**Budget Impact/Other**

The project will increase operations and maintenance costs because of the added infrastructure.



**Project #** RB-2587  
**Project Name** CSAH 13 - I-94 Pedestrian Bridge

**Location** Various Roads

**Department** Capital Road & Bridge Projects  
**Contact** PWD  
**Type** Construction  
**Useful Life** 5+ years  
**Category** Road & Bridge

**Description**

The project scope includes a pedestrian bridge over Interstate (I) I-94, adjacent to the County State Aid Highway (CSAH 13) (Inwood Avenue/Radio Drive) bridge in the cities of Woodbury, Lake Elmo, and Oakdale.

The total estimated cost for this project is \$4,084,900. Funds were budgeted in prior years for this project.

**Justification**

Currently, pedestrians and cyclists cross I-94 in this area via a narrow section of the existing CSAH 13 bridge. This section does not meet current design standards for two-way trail traffic, and the approaches do not meet Americans with Disabilities Act standards.

A new pedestrian bridge will accommodate all trail users, and will also provide the ability to repurpose the space on the bridge to allow for a third southbound travel lane. Traffic studies indicate this third lane will be needed in the near future.

Repurposing of the existing space on the I-94 bridge to accommodate three southbound lanes, will thereby provide additional roadway capacity.

<b>Expenditures</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Land Acquisition		50,000				50,000
Construction			3,367,400			3,367,400
<b>Total</b>		<b>50,000</b>	<b>3,367,400</b>			<b>3,417,400</b>

  

<b>Funding Sources</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Federal Grants			2,847,800			2,847,800
State Aid		50,000	519,600			569,600
<b>Total</b>		<b>50,000</b>	<b>3,367,400</b>			<b>3,417,400</b>

**Budget Impact/Other**

The project will increase operations and maintenance costs because of the added infrastructure.

This project requires Federal funds. If Federal funding is not available, this project may be delayed or deferred.

**Project #** RB-2588  
**Project Name** CSAH 15 & TH 36 Interchange

**Location** Various

**Department** Capital Road & Bridge Projects  
**Contact** PWD  
**Type** Construction  
**Useful Life** 5+ years  
**Category** Road & Bridge

**Description**

The project scope includes a grade separated interchange on County State Aid Highway 15 (Manning Avenue N) at the intersection with Trunk Highway (TH) 36.

**Justification**

This intersection currently operates an at-grade intersection controlled by a fully actuated traffic control signal. Growing traffic demands on both TH 36 and CSAH 15 require a grade separated interchange.

<b>Expenditures</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Planning / Design			500,000		1,000,000	1,500,000
Construction					18,000,000	18,000,000
Right-of-Way				1,000,000		1,000,000
<b>Total</b>			<b>500,000</b>	<b>1,000,000</b>	<b>19,000,000</b>	<b>20,500,000</b>

  

<b>Funding Sources</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Federal Grants					7,000,000	7,000,000
Local Contributions					5,000,000	5,000,000
State Aid			500,000	1,000,000		1,500,000
State Grants					7,000,000	7,000,000
<b>Total</b>			<b>500,000</b>	<b>1,000,000</b>	<b>19,000,000</b>	<b>20,500,000</b>

**Budget Impact/Other**

The project will increase operation and maintenance costs because of added infrastructure associated with the interchange.  
 It is expected that local agencies, the State of Minnesota, and Federal Aid will provide funding for this project. If this funding is not obtained, this project would be delayed.

**Project #** RB-2619  
**Project Name** CSAH 17 - CSAH 10 to 30th Street

**Location** Lake Elmo

**Department** Capital Road & Bridge Projects  
**Contact** PWD  
**Type** Construction  
**Useful Life** 5+ years  
**Category** Road & Bridge

**Description**

The project scope includes the following improvements on County State Aid Highway (CSAH) 17 (Lake Elmo Avenue) from CSAH 10 (10th Street North) to 30th Street North:

- 1) New pavement
- 2) Improved surface water management
- 3) Evaluation of improved pedestrian accommodations

**Justification**

The current pavement along this corridor is in poor condition. Additionally, the presence of numerous utility cuts and patches has created a roadway surface that is uneven and does not provide adequate ride quality.

This project is also an opportunity to evaluate and address concerns related to surface water management. The road is adjacent to Lake Elmo, so improved water management will help maintain high water quality in the lake.

Additional concerns have been raised relating to pedestrian safety and accessibility in this area. The roadway is a popular cycling and pedestrian route. This project will evaluate options to improve pedestrian accommodations.

<b>Expenditures</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
Planning / Design		150,000				150,000
Construction		2,000,000				2,000,000
<b>Total</b>		<b>2,150,000</b>				<b>2,150,000</b>

<b>Funding Sources</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>Total</b>
State Aid		2,150,000				2,150,000
<b>Total</b>		<b>2,150,000</b>				<b>2,150,000</b>

**Budget Impact/Other**

The project will increase operation and maintenance costs because of the added infrastructure.