



**WES Technical Advisory Team  
AGENDA**

**Date:** February 19<sup>th</sup>, 2026  
**Time:** 11:30 AM – 1:00 PM  
**Format:** Zoom  
**Link to Zoom:** <https://clackamascounty.zoom.us/j/83839809707>

**Facilitators:** Jessica Rinner, Civil Engineering Supervisor | Niki Davila, WES Administrative Specialist

<b>Time</b>	<b>Topic</b>	<b>Action</b>
<b>11:30 am</b> <i>5 minutes</i>	<b>Welcome/Introductions</b> <i>Jessica Rinner, WES – Civil Engineering Supervisor</i>	<b>Roll Call</b>
<b>11:35 am</b> <i>5 minutes</i>	<b>Review/Approve minutes from 06/26/2025 meeting</b> <i>Niki Davila, WES – Administrative Specialist</i>	<b>Approval</b>
<b>11:40 am</b> <i>5 minutes</i>	<b>Update on Regional I/I IGA Amendment</b> <i>Jessica Rinner, WES – Civil Engineering Supervisor</i>	<b>Discuss</b>
<b>11:45 am</b> <i>5 minutes</i>	<b>Member Community Invoicing July 2025-December 2025</b> <i>Jessica Rinner, WES – Civil Engineering Supervisor</i>	<b>Discuss</b>
<b>11:50 am</b> <i>5 minutes</i>	<b>Member Community Annual I/I Reports</b> <i>Jessica Rinner WES – Civil Engineering Supervisor</i>	<b>Discuss</b>
<b>11:55 am</b> <i>10 minutes</i>	<b>Regional I/I Reduction Program IGA Budget Report</b> <i>Jessica Rinner WES – Civil Engineering Supervisor</i>	<b>Discuss</b>
<b>12:05 pm</b> <i>30 minutes</i>	<b>City of Oregon City – Multiple I/I Reduction Proposals</b> <ul style="list-style-type: none"> <li>• 2027 MH Sealing Project</li> <li>• Linn I&amp;I Project No 3</li> <li>• Linn I&amp;I Project No 4</li> <li>• Linn I&amp;I Project No 5</li> <li>• Linn I&amp;I Project No 6</li> <li>• McLoughlin I&amp;I Project No 2</li> <li>• Newell I&amp;I Project No 1</li> </ul> <i>Kenneth Cannady-Schultz – Project Engineer</i>	<b>Vote</b>
<b>12:35 pm</b> <i>10 minutes</i>	<b>Round Table Discussion</b>	<b>Discussion</b>
	<b>Adjourn</b>	



**WES Technical Advisory Team  
MINUTES**

**Date:** October 23, 2025  
**Time:** 11:30 AM – 1:00 PM  
**Format:** Zoom  
**Link to Zoom:** <https://clackamascounty.zoom.us/j/85496557766>

**Facilitators:** Jessica Rinner, Civil Engineering Supervisor | Greg Karnes, WES Administrative Specialist

Time	Topic	Action
11:30 am 5 minutes	<b>Welcome/Introductions</b> <i>Jessica Rinner, WES – Civil Engineering Supervisor</i>	
11:35 am 5 minutes	<b>Review/Approve minutes from 06/26/2025 meeting</b> <i>Greg Karnes, WES – Administrative Specialist</i>	Kenny approves minutes Silas seconds
11:40 am 12:00pm	<b>Review IGA Amendment Comments</b> <i>Ron Wierenga, WES – Assistant Director</i>	<ul style="list-style-type: none"> <li>• Ron gives overview of WES role in grants and how WES administers program</li> <li>• Contingency plans</li> <li>• Create a process for documenting changes that are made from initially authorized amounts</li> <li>• Funds for eligible capital expenses – based on what your finance teams say is a capital expense</li> <li>• Role of the TAT members and what they can and cannot do.</li> <li>• Kenneth asks question about how are projects approved if there are more project proposals than WES has funding for. Ron discusses how WES capital group weighs in on proposals.</li> <li>• Kenneth – Suggestion for TAT check in on funding budgets for I&amp;I projects</li> <li>• Jessica agrees there should be a process in place for prioritizing</li> </ul>

		<p>projects if funding can't meet demand.</p> <ul style="list-style-type: none"> <li>• Kenneth does not was to monopolize funds for OC when it needs to go to other communities. Asks if funds can be delayed to other FYs and Jeff responds that it could cause issues with funding.</li> <li>• Jessica says she will work with Greg K will work on creating a budget check-in meeting</li> </ul>
<b>12:00 pm</b> 20 minutes	<b>WES Draft CIP 26-30</b> <i>Jeff Stallard, WES – Capital Program Manager</i>	<ul style="list-style-type: none"> <li>• Jeff reviews completed and upcoming projects that the Capital team works on.</li> <li>• Greg G – project information is on WES website and is regularly updated.</li> </ul>
<b>12:20 pm</b> 10 minutes	<b>City of Gladstone CIPP Project</b> <i>Jessica Rinner WES – Civil Engineering Supervisor</i> <i>Justin Poyser – City of Gladstone – Public Works Utility Manager</i>	<ul style="list-style-type: none"> <li>• Justin – Discus the logistics of project</li> <li>• Vote</li> <li>• Chris</li> <li>• Kenneth</li> <li>• Josh</li> <li>• All vote yes</li> </ul>
<b>12:30 pm</b> 10 minutes	<b>Oregon City 2026 Manhole Project</b> <i>Kenneth Cannady-Schltz – Project Engineer</i>	<ul style="list-style-type: none"> <li>• Kenneth - Discussion of project and why it is a larger project this year</li> <li>• Vote</li> <li>• Josh</li> <li>• Silas</li> <li>• Kenneth</li> <li>• Justin</li> <li>• All vote next</li> </ul>
<b>12:40 pm</b> 5 minutes	<b>Member Community Invoicing Second ½ FY24/25</b> <i>Jessica Rinner WES – Civil Engineering Supervisor</i>	<ul style="list-style-type: none"> <li>• Jessica – Greg K and I will send out a reminder for invoices covering the 1<sup>st</sup> half of the FY in our February TAT meeting.</li> </ul>
<b>12:45 pm</b> 5 minutes	<b>Member Community Annual I/I Reports</b> <i>Jessica Rinner WES – Civil Engineering Supervisor</i>	<ul style="list-style-type: none"> <li>• Jessica and Greg will pick date for February TAT meeting and send out invites</li> </ul>
<b>12:50 pm</b> 15 minutes	<b>Round Table Discussion</b>	
	<b>Adjourn</b>	

**Roll Call:**

Kenneth Cannady-Shultz

Greg Karnes

Chris Randall  
Jessica Rinner  
Erich Lais  
Justin Poyser  
Josh Miner  
Jeff Stallard  
Nathan Seaver  
Dayna Webb  
Mike Rice  
Silas Richardson  
Andy Bachman  
Josh Neath  
Ron Wierenga  
Greg Geist

DRAFT

## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** 2027 Manhole Sealing Project (CI 25-008)

**Date:** October 7, 2025

**WES SubBasin/Basin:** OC\_M05/Agnes\_Main, OC\_M08/WI-40, OC\_M10/WI-40, & OC\_M12/WI-40 (Precise scope TBD)

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

Priority	Subbasin	Basin	Jurisdiction	RD/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RD/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_Main	Oregon City	19,300	42.7	2,180	59%	41%

The 2027 Manhole Sealing Project’s precise scope is to be determined, but all candidate manholes are located within the Falls, Linn, McLoughlin, Rivercrest, South End, and Warner Parrott Basins, which are located within the WES subbasins OC\_M05 (McLoughlin and Falls), OC\_M08 (Linn), OC\_M10 (Rivercrest) and OC\_M12 (South End and Warner Parrott). The identification of the manholes being rehabilitated and design of the project will be performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

The specific rehabilitation scope has not yet been set, but is likely to focus in these general areas:

- Manholes in the Linn, McLoughlin, and Newell Basins Basin (mainlines already rehabilitated via the Linn 2, McLoughlin 1, and Molalla Avenue I&I Projects).
- Manholes in the McLoughlin, Newell, and Warner Parrott Basins (no near-term plans for mainline rehabilitation)

This project includes repairing ~115 manholes via grout sealing. The project is being advertised and will follow this approximate schedule:

- Final Plans, Bidding, & Award: December 2026
- Construction: January 2027

The estimated cost of this project is \$387,000, including \$286,000 in construction costs and \$101,000 in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).

## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** Linn Basin Sanitary Sewer I&I Rehab Project 3

**Date:** October 7, 2025

**WES SubBasins/Basins:** OC\_M05/Agnes\_Main and OC\_M08/WI-40

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

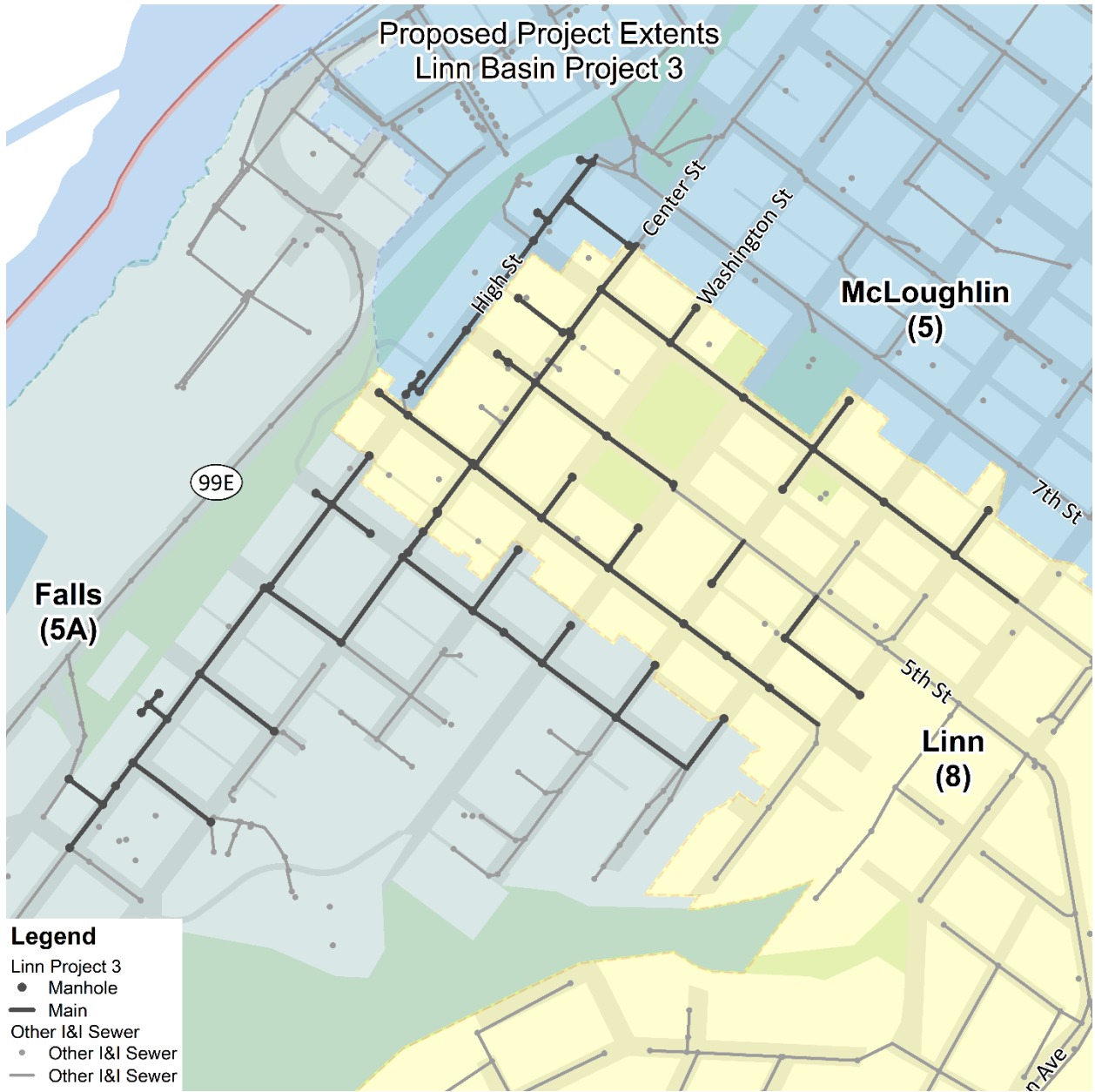
Priority	Subbasin	Basin	Jurisdiction	RD/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RD/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_Main	Oregon City	19,300	42.7	2,180	59%	41%

Linn Basin Sanitary Sewer I&I Rehab Project 3 was previously presented to the TAT and approved by the TAT and WES in September 2023. Since this original approval, Linn Project 3 has been subdivided into multiple new projects, so this proposal revises the scope, cost, and project delivery schedule originally presented to the TAT. All scope revisions, design services, and construction services have and will be performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

As revised, this project includes rehabilitating ~700 LF of sewer main via CIPP Lining, ~600 LF via Pipe Bursting, installing ~1,500 LF of new sewer main, and repairing ~250 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property). The project is currently approaching 30% design and will follow this approximate schedule:

- Final Plans: Summer 2026
- Bidding & Award: Early Fall 2026
- Construction: Late Fall 2026

The estimated cost of this project is \$6.6 million, including \$5.6 million in construction costs and \$1 million in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).



## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** Linn Basin Sanitary Sewer I&I Rehab Project 4

**Date:** October 7, 2025

**WES SubBasins/Basins:** OC\_M08/WI-40

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

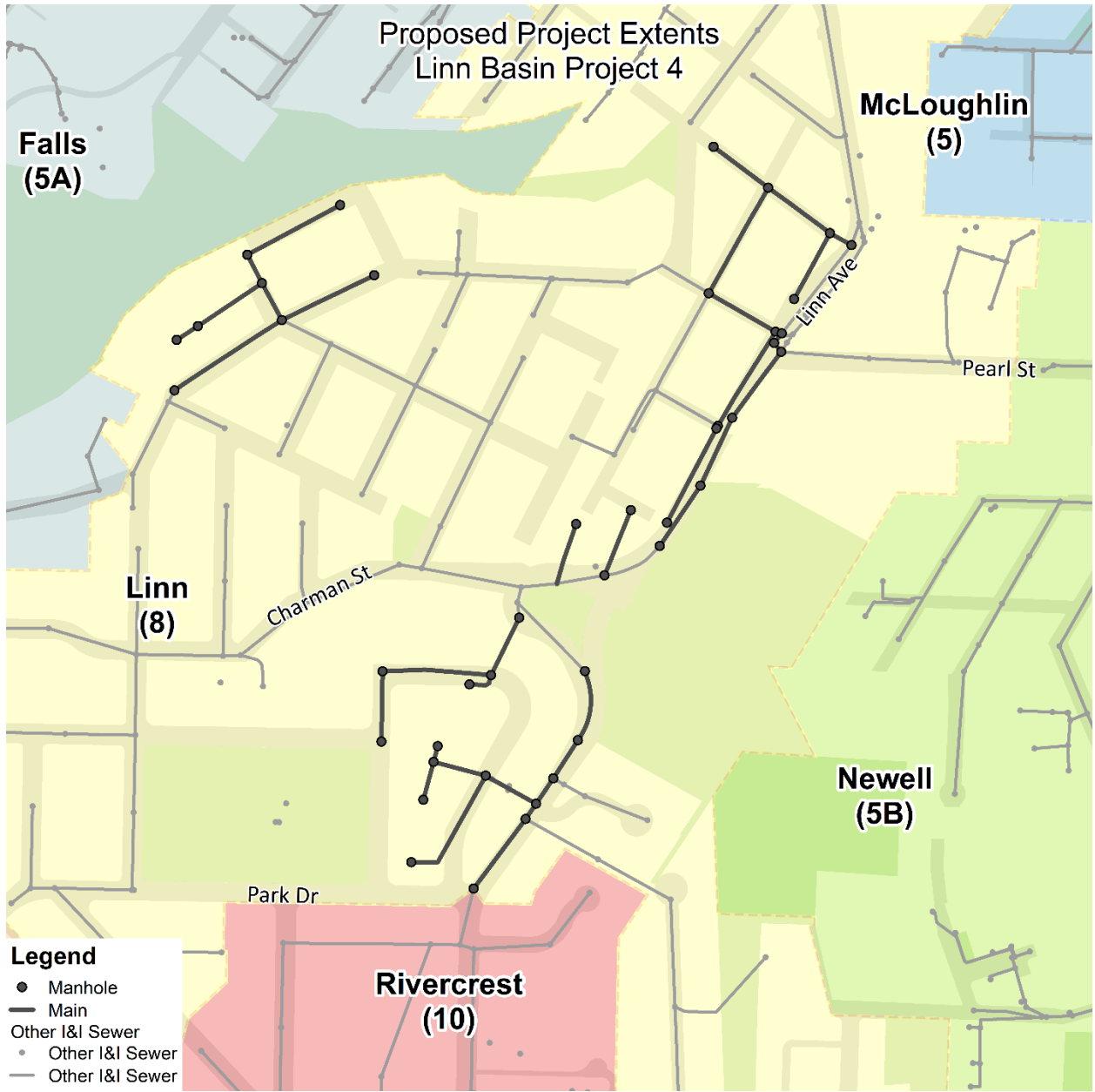
Priority	Subbasin	Basin	Jurisdiction	RDI/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RDI/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_ Main	Oregon City	19,300	42.7	2,180	59%	41%

The Linn Basin Sanitary Sewer I&I Rehab Project 4 is located within the Linn Basin, which is located within the WES subbasin OC\_M08. The identification of the pipes being rehabilitated and design of the project is being performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

This project includes rehabilitating ~5,700 LF of sewer main via CIPP Lining, ~1,200 LF via Pipe Bursting, repairing ~110 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property), and replacing approximately 200 LF of sewer main within a steep slope via an HDD bore or other method. Most work comprising this project will require special considerations due to unstable steep slopes and historic landslides in the area. The project scope is still being refined, and project delivery will follow this approximate schedule:

- Final Plans: Summer 2028
- Bidding & Award: Early Fall 2028
- Construction: Late Fall 2028

The estimated cost of this project is \$5.8 million, including \$4.8 million in construction costs and \$1.0 million in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).



## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** Linn Basin Sanitary Sewer I&I Rehab Project 5

**Date:** October 7, 2025

**WES SubBasins/Basins:** OC\_M08/WI-40

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

Priority	Subbasin	Basin	Jurisdiction	RD/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RD/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_ Main	Oregon City	19,300	42.7	2,180	59%	41%

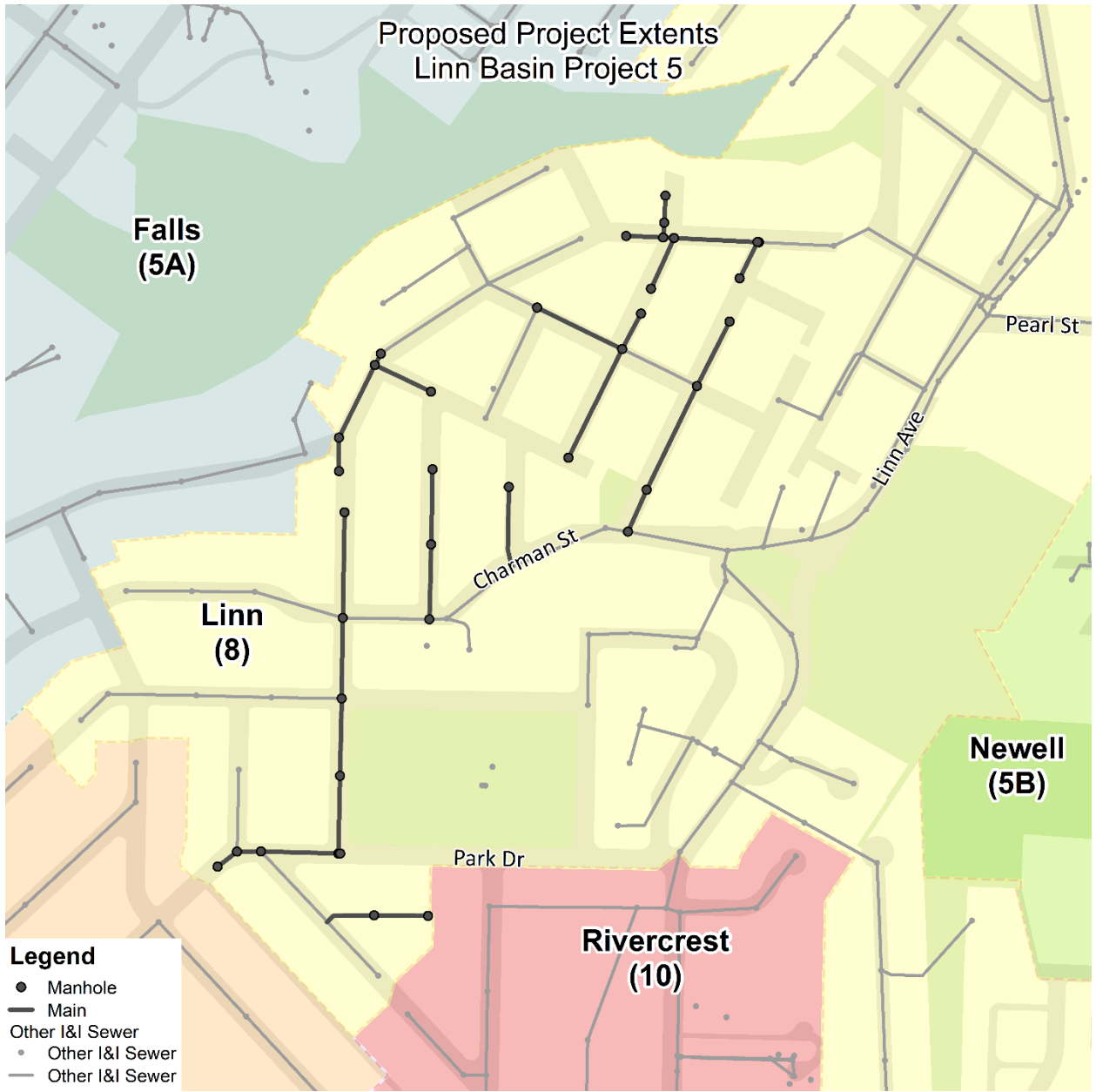
The Linn Basin Sanitary Sewer I&I Rehab Project 5 is located within the Linn Basin, which is located within the WES subbasin OC\_M08. The identification of the pipes being rehabilitated and design of the project is being performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

This project includes rehabilitating ~4,800 LF of sewer main via CIPP Lining, ~900 LF via Pipe Bursting, installing ~100 LF of new sewer main, and repairing ~120 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property). The project scope is still being refined, and project delivery will follow this approximate schedule:

- Final Plans: Summer 2029
- Bidding & Award: Early Fall 2029
- Construction: Late Fall 2029

The estimated cost of this project is \$4.0 million, including \$3.3 million in construction costs and \$700,000 in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).

Proposed Project Extents  
Linn Basin Project 5



## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** Linn Basin Sanitary Sewer I&I Rehab Project 6

**Date:** October 7, 2025

**WES SubBasins/Basins:** OC\_M08/WI-40

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

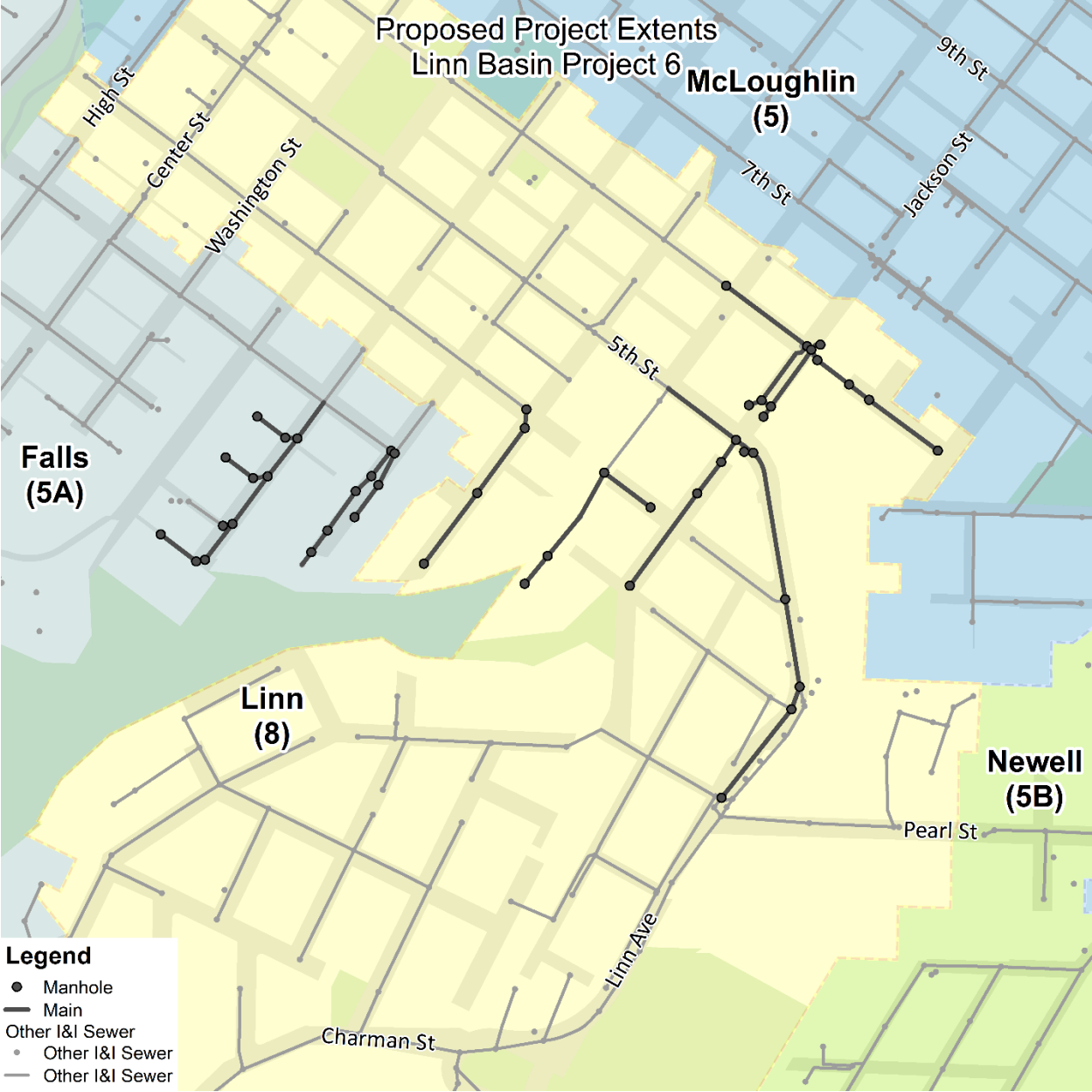
Priority	Subbasin	Basin	Jurisdiction	RDI/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RDI/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_ Main	Oregon City	19,300	42.7	2,180	59%	41%

The Linn Basin Sanitary Sewer I&I Rehab Project 6 is located within the Linn Basin, which is located within the WES subbasin OC\_M08. The identification of the pipes being rehabilitated and design of the project is being performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

This project includes rehabilitating ~1,300 LF of sewer main via CIPP Lining, ~1,300 LF via Pipe Bursting, installing ~1,800 LF of new sewer main by trenching, ~200 LF of new sewer main by HDD, and repairing ~110 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property). Most work comprising this project will require special considerations due to unstable steep slopes and historic landslides in the area. The project scope is still being refined, and project delivery will follow this approximate schedule:

- Final Plans: Summer 2030
- Bidding & Award: Early Fall 2030
- Construction: Late Fall 2030

The estimated cost of this project is \$6.9 million, including \$5.7 million in construction costs and \$1.2 million in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).



## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** McLoughlin Basin Sanitary Sewer I&I Rehab Project 2

**Date:** October 7, 2025

**WES SubBasins/Basins:** OC\_M05/Agnes\_Main

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

Priority	Subbasin	Basin	Jurisdiction	RD/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RD/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_Main	Oregon City	19,300	42.7	2,180	59%	41%

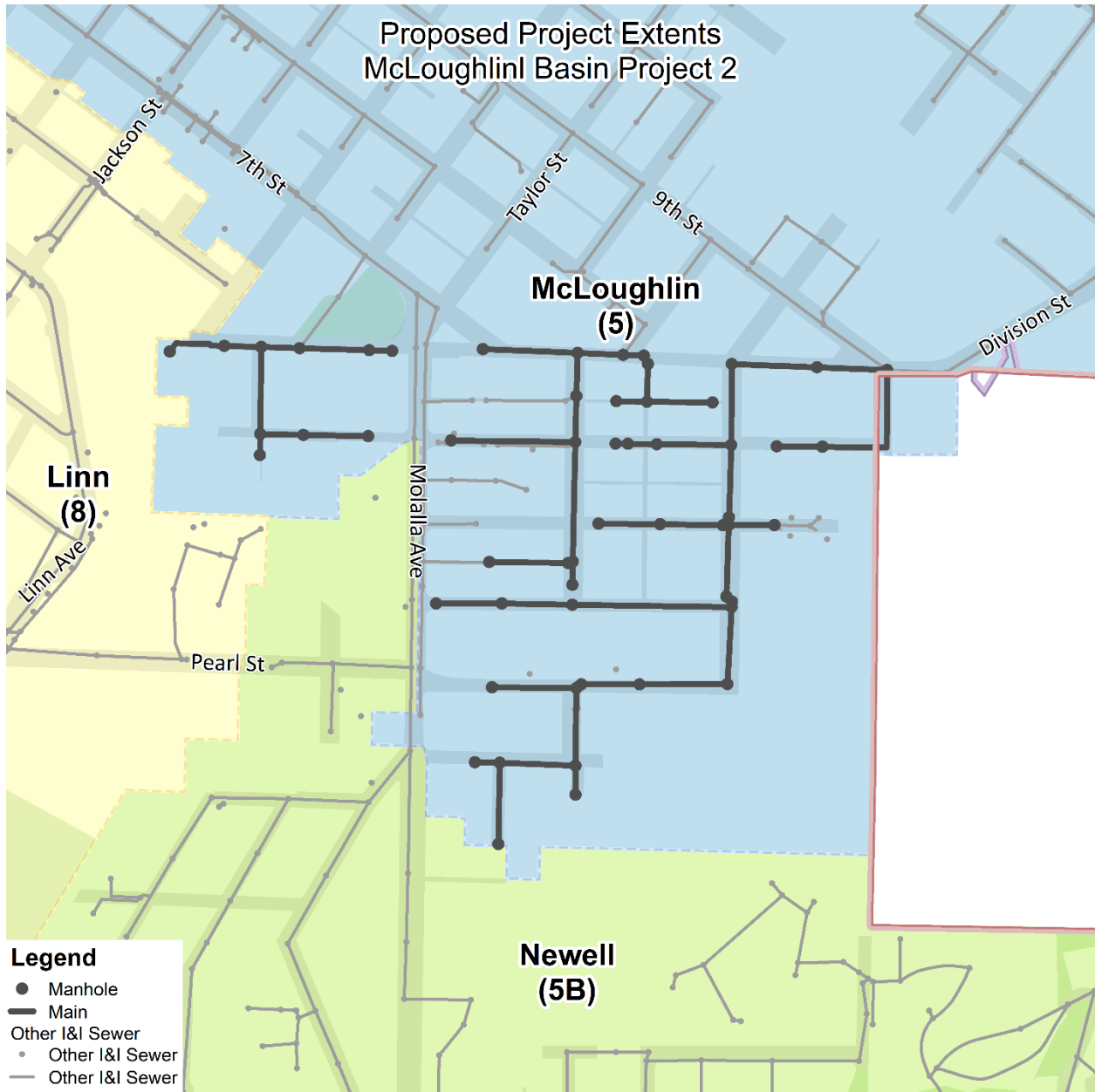
The McLoughlin Basin Sanitary Sewer I&I Rehab Project 2 is located within the McLoughlin Basin, which is located within the WES subbasin OC\_M05. The identification of the pipes being rehabilitated and design of the project is being performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

This project includes rehabilitating ~1,500 LF of sewer main via CIPP Lining, ~2,200 LF via Pipe Bursting, installing ~1,000 LF of new sewer main, and repairing ~230 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property). The project scope is still being refined, and project delivery will follow this approximate schedule:

- Final Plans: Summer 2027
- Bidding & Award: Early Fall 2027
- Construction: Late Fall 2027

The estimated cost of this project is \$6.1 million, including \$5.0 million in construction costs and \$1.1 million in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).

Proposed Project Extents  
McLoughlin Basin Project 2



## Regional I/I Reduction Program Proposal

**Member Community:** City of Oregon City

**Project Name:** Newell Basin Sanitary Sewer I&I Rehab Project 1

**Date:** October 7, 2025

**WES SubBasin/Basin:** OC\_M05/Agnes\_Main

**Table ES-3. Basin Details Identified for I/I Reduction by 2040**

Priority	Subbasin	Basin	Jurisdiction	RD/I Rate at Timeframe of Reduction Target	Estimated CIPP Rehab Length (miles)	Estimated Lateral Services	Category 1, Percentage (R&R Program) <sup>a</sup>	Category 2, Percentage (RD/I Rehab Program) <sup>b</sup>
1	OC_M08	WI-40	Oregon City	54,600	9.7	300	100%	0%
2	OC_M10	WI-40	Oregon City	47,600	4.2	210	100%	0%
9	OC_M12	WI-40	Oregon City	24,500	30.9	1,920	71%	29%
15	OC_M05	Agnes_Main	Oregon City	19,300	42.7	2,180	59%	41%

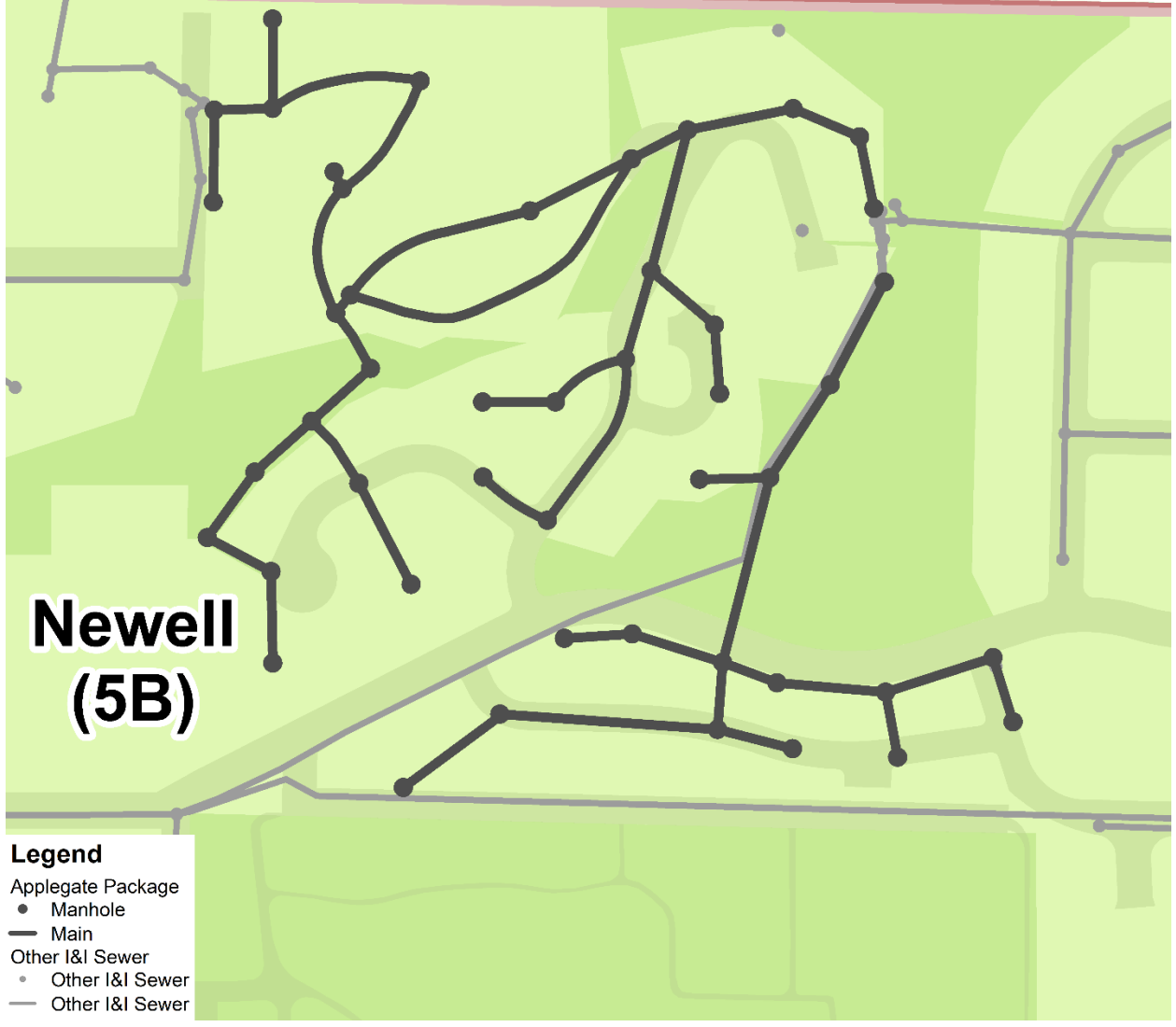
The Applegate Sanitary Sewer I&I Rehab Project was previously presented to the TAT and approved by the TAT and WES in September 2023. This project has been re-named to Newell Basin Sanitary Sewer I&I Rehab Project 1 and the scope adjusted, so this proposal revises the scope, cost, and project delivery schedule originally presented to the TAT. All scope revisions, design services, and construction services have and will be performed as part of the I&I Program Management Contract, which was approved by the TAT in March 2022.

As revised, this project includes rehabilitating ~4,600 LF of sewer main via CIPP Lining, ~1,000 LF via Pipe Bursting, and repairing ~90 sewer laterals from the sewer main to within 5 feet of the building (both in the ROW and on private property). Most work comprising this project will require special considerations due to unstable steep slopes and historic landslides, as well as the Barclay Hills Charter Park, in the area. Project design is nearing 30%, and project delivery will follow this approximate schedule:

- Final Plans: Summer 2028
- Bidding & Award: Early Fall 2028
- Construction: Late Fall 2028

The estimated cost of this project is \$4.3 million, including \$3.2 million in construction costs and \$1.1 million in design and construction services expenses. The design and construction services expenses are not included as part of this request (part of the I&I PM Contract).

Proposed Project Extents  
Newell Basin Project 1



**Newell  
(5B)**

- Legend**
- Applegate Package
  - Manhole
  - Main
  - Other I&I Sewer
  - Other I&I Sewer
  - Other I&I Sewer