



**Asotin County Public Utility District**  
1500 Scenic Way, Clarkston WA 99403

**Dated:** November 12, 2025

**Project:** 2024 Sewer Main Replacement Project – Design Package 2

**From:** Asotin County PUD *(in consultation with Consor Engineers)*

**ADDENDUM NO. 1**

The following changes, additions, and/or deletions are hereby made a part of the Bidding Requirements and Contract Documents. Bidders shall acknowledge receipt of this addendum in the Bid Form.

**Standard Technical Specifications and Drawings**

Asotin County PUD Specification Section 230 Pipe Bursting Part 2.1 A.2  
DELETE AND REPLACE paragraph with the following:

“2. Static hydraulic system with use of steel rods. Systems using chain or cable are allowed as long as the integrity of the chain or cable is checked and verified for the applicable project conditions.”

Asotin County PUD Specification Section 230 Pipe Bursting Part 2.4 B  
DELETE AND REPLACE paragraph with the following:

“B. Inserta Tee, Electrofusion Saddle, or approved substitution.”

Revision Note: Romac CB’s cannot be utilized for HDPE pipe per manufacturer. Inserta Tees or Electrofusion are only to be used for sewer laterals connecting to HDPE pipe.

Asotin County PUD Specification Section 230 Pipe Bursting Part 2.4 C  
DELETE Paragraph in its entirety.

Asotin County PUD Specification Section 230 Pipe Bursting Part 3.8 A  
DELETE AND REPLACE paragraph with the following:

“A. Reconnect all active existing service lines as indicated on the Drawings or as identified in CCTV taping, after the replacement pipe has been completely installed and tested.”

Asotin County PUD Specification Section 200 Sewer Drawings STD DWG NO. 2-11  
REPLACE with the attached revised drawing no. 2-11 dated November 2025

Asotin County PUD Specification Section 200 Sewer Drawings STD DWG NO. 2-12  
REPLACE with the attached revised drawing no. 2-12 dated November 2025

## **Section 01201 – Measurement and Payment**

DELETE and REPLACE with the attached revised Measurement and Payment Section.

### Noted Revisions

- Bid Item A7 – Additional PVC Sewer Lateral Pipe and Fittings, 4-inch diameter
  - Removed language regarding Asphalt Concrete Surface Restoration Type B being incidental to this bid item.
- Bid Items A13 – A23 – Service Connection Details 1 - 11
  - Renamed “Surface Restoration Detail” titles to “Service Connection Detail” to match corresponding civil plan sheets and the Service Connection Detail document as shown in the Details of Sewer Services Section of the Contract Documents.
- Bid Item A19 – Service Connection Detail 7
  - Added language regarding the repair of the existing vinyl fence currently under construction.
- Bid Item A23 – Service Connection Detail 11
  - Added language for assumed lengths of sewer lateral relocations and associated surface repair. Laterals are specified on sheet C-103 and within Service Connection Detail 11.

## **Details of Sewer Services**

Service Connection Detail No. 7

REPLACE with the attached revised Service Connection Detail 7

### Noted Revisions:

- Added Keynote 8 to cover the removal and repair of a vinyl fence currently under construction. Fence is required to be removed for the pipe bursting receiving pit access.
- Added photo 1111-B to show the existing vinyl fence currently under construction.

## **Plan Drawings**

Asotin County PUD 2024 Sewer Main Replacement Drawings Sheet C-101 Key Notes 1.

DELETE and REPLACE with the following note:

“RECONNECT SERVICE CONNECTION AT MAIN WITH INSERTA TEE, OR ELECTROFUSION PER ASOTIN COUNTY PUD STANDARD DRAWINGS NO. 2-12, SEE SHEET C502. SEE TABLE BELOW FOR SERVICE CONNECTION DETAIL.”

Asotin County PUD 2024 Sewer Main Replacement Drawings Sheet C-102 Key Notes 1

DELETE and REPLACE with the following note:

“RECONNECT SERVICE CONNECTION AT MAIN WITH INSERTA TEE, OR ELECTROFUSION PER ASOTIN COUNTY PUD STANDARD DRAWINGS NO. 2-12, SEE SHEET C502. SEE TABLE BELOW FOR SERVICE CONNECTION DETAIL.”

Asotin County PUD 2024 Sewer Main Replacement Drawings Sheet C-103 Key Notes 1  
DELETE and REPLACE with the following note:

“RECONNECT SERVICE CONNECTION AT MAIN WITH INSERTA TEE, OR ELECTROFUSION PER ASOTIN COUNTY PUD STANDARD DRAWINGS NO. 2-12, SEE SHEET C502. SEE TABLE BELOW FOR SERVICE CONNECTION DETAIL.”

Asotin County PUD 2024 Sewer Main Replacement Drawings Sheet C-502, Detail 2-11  
REPLACE with the attached revised drawing no. 2-11 dated November 2025.

Asotin County PUD 2024 Sewer Main Replacement Drawings Sheet C-502, Detail 2-12  
REPLACE with the attached revised drawing no. 2-12 dated November 2025.

Revision Note: Romac CB’s cannot be utilized for HDPE pipe per manufacturer. Inserta Tees or Electrofusion are only to be used for sewer laterals connecting to HDPE pipe.

## Questions

1. Are there any know 6-inch diameter sewer laterals? What size should those 6” be replaced at?

Response: There are no known 6” laterals for this project. Any 6” diameter laterals found shall be replaced with 6” diameter pipe. Coordinate findings with Asotin County PUD.

2. Can a sand collar (sanded manhole adapter) be installed for the existing manholes that are remaining in place?

Response: Yes, a sanded manhole adapter can be installed for the existing manholes that are remaining in place, coordinate with the PUD. Consor noted the Drawings assume breaking out channel and pipe zone in manholes to allow for bursting operations through existing manholes. The Contractor to create final connection in place after bursting operations to include channelization and connection to manhole.

3. What is the normal water table height for the area?

Response: Groundwater is not usually encountered in Clarkston at the depths of this sewer main.

4. What kind of connection is intended for the sewer lateral re-connections? Romac or fusing to the main?

Response: Romac CB’s cannot be utilized for HDPE pipe per manufacturer. Inserta Tees or Electrofusion are only to be used for sewer laterals connecting to HDPE pipe. This is addressed within this Addendum.

5. If the existing laterals are in rough shape, can the contractor choose to install a liner within the service to allow for a better connection?

Response: Contractor can utilize the bid item A7 – Additional 4” PVC sewer laterals pipe for sewer services that require additional repair outside of the 5-foot width, with permission from the PUD. It is not the intent of the PUD to replace service laterals past 5’ of the centerline of the main. Other replacement or connection options can be considered during construction.

6. What is the distance intended to replace sewer laterals? Who warranties that distance?

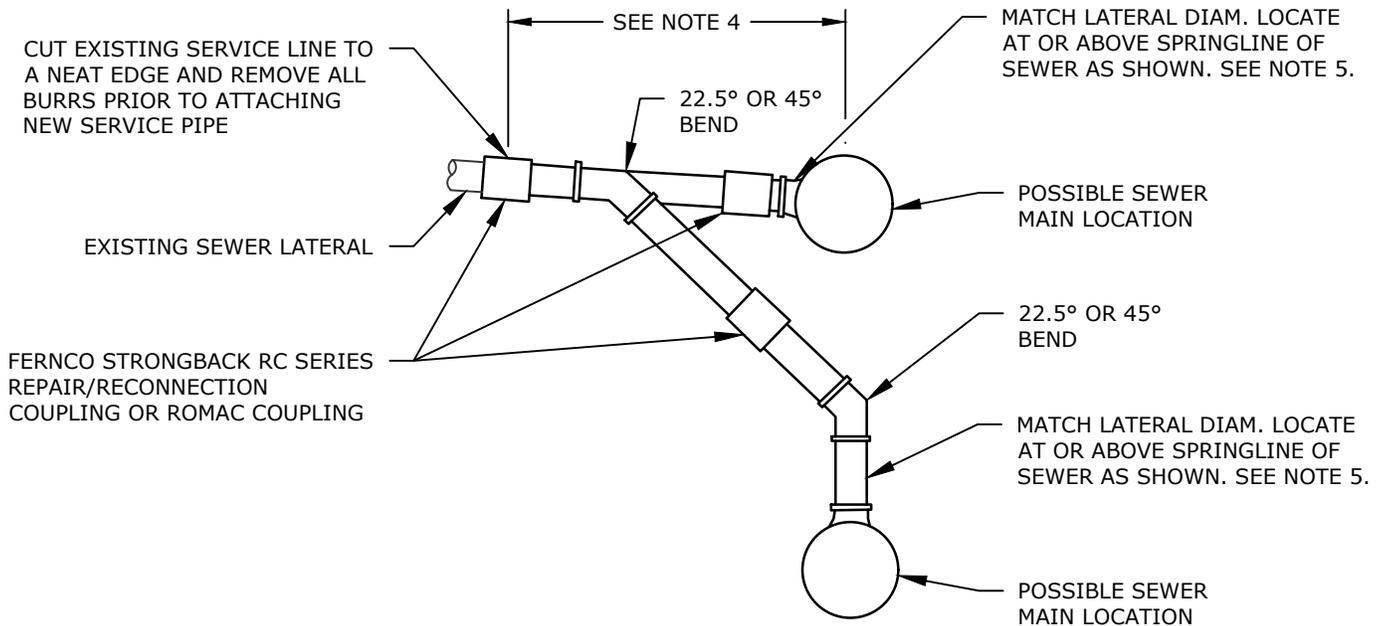
Response: Per PUD standard detail 2-12, the sewer lateral shall be re-connected within 5 feet of the sewer main. Contractor shall warranty this portion of the sewer main within the 5-foot distance. Any additional length of lateral past 5’ from the centerline shall be warranted if provided under the additional 4” PVC lateral bid item.

7. Is there a preferred start date or can the contractor start as soon as they can? Is winter work allowed?

Response: Contractor can start anytime after award. The PUD does not object to winter work. However, asphalt patching may be subject to the City of Clarkston right-of-way permit restrictions during winter conditions.

### **Attachments:**

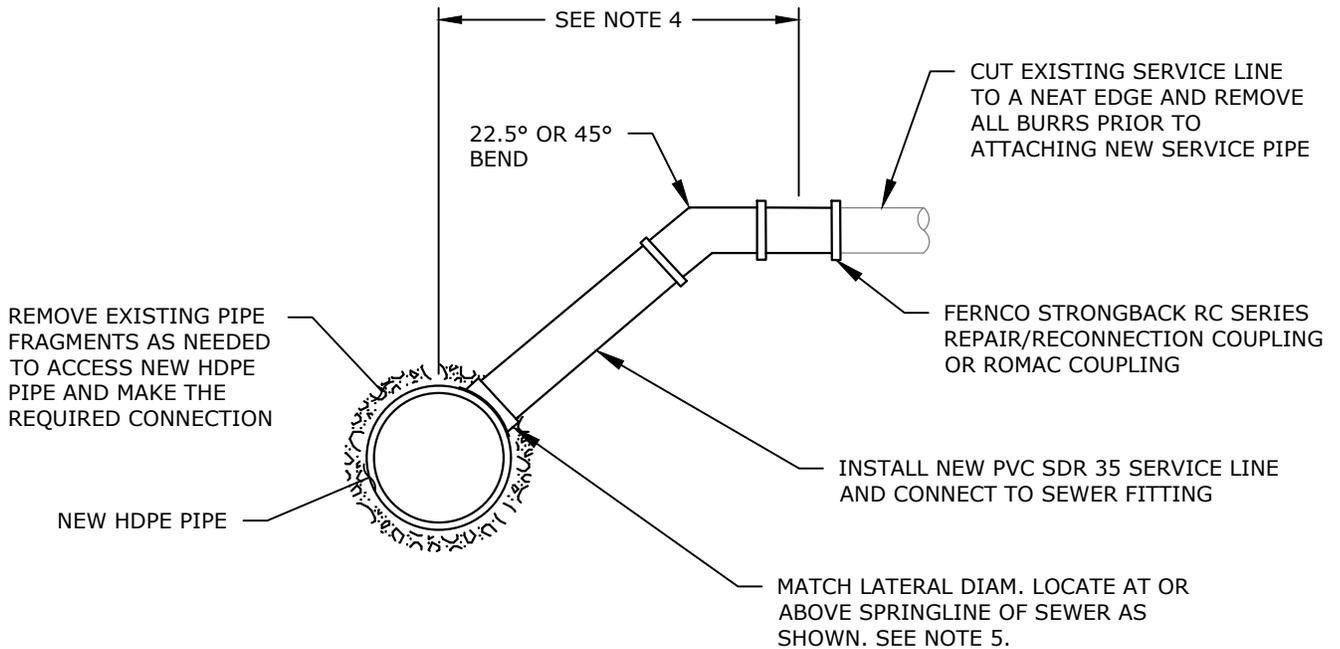
- STD DWG NO. 2-11 (Sewer Lateral Relocation/Reconnection)
- STD DWG NO. 2-12 (Pipe Bursting Sewer Lateral Reconnection)
- Service Connection Detail 7
- Measurement and Payment Description



**NOTES:**

1. IF SEWER LATERAL IS DAMAGED OR HAS TO BE RELOCATED DURING CONSTRUCTION, RELOCATE/REPAIR SEWER PIPE AND RECONNECT USING A FERNCO RC SERIES STRONGBACK COUPLING OR ROMAC COUPLING.
2. INSPECTION OF WORK IS REQUIRED AND MUST BE APPROVED BY THE PUD.
3. SEWER LATERAL PIPE SHALL BE SDR-35 AND JOINTS SHALL BE GASKETED.
4. CONNECTION TO THE EXISTING LATERAL SHALL BE WITHIN 5 FEET MAX FROM THE CENTERLINE OF PIPE.
5. SEWER LATERAL CONNECTION TO BE WYE OR ROMAC CB FOR PVC MAINLINE, INSERT A TEE OR FUSION COUPLING FOR HDPE MAINLINE.

<b>PUBLIC UTILITY DISTRICT</b> <small>ASOTIN COUNTY</small>	
<b>SEWER LATERAL RELOCATION/ RECONNECTION</b>	
REVISION DATE: NOVEMBER 2025	STD DWG NO.  <b>2-11</b>



**NOTES:**

1. IF SEWER LATERAL IS DAMAGED OR HAS TO BE RELOCATED DURING CONSTRUCTION, RELOCATE/REPAIR SEWER PIPE AND RECONNECT USING A FERNCO RC SERIES STRONGBACK COUPLING OR ROMAC COUPLING.
2. INSPECTION OF WORK IS REQUIRED AND MUST BE APPROVED BY THE PUD PRIOR TO BACKFILL.
3. SEWER LATERAL PIPE SHALL BE SDR-35 WITH GASKETED JOINTS.
4. CONNECTION TO THE EXISTING LATERAL SHALL BE WITHIN 5 FEET MAX FROM THE CENTERLINE OF PIPE.
5. SEWER LATERAL CONNECTION TO BE WYE OR ROMAC CB FOR PVC MAINLINE, INSERT A TEE OR FUSION COUPLING FOR HDPE MAINLINE.



**PIPE BURSTING SEWER LATERAL RECONNECTION**

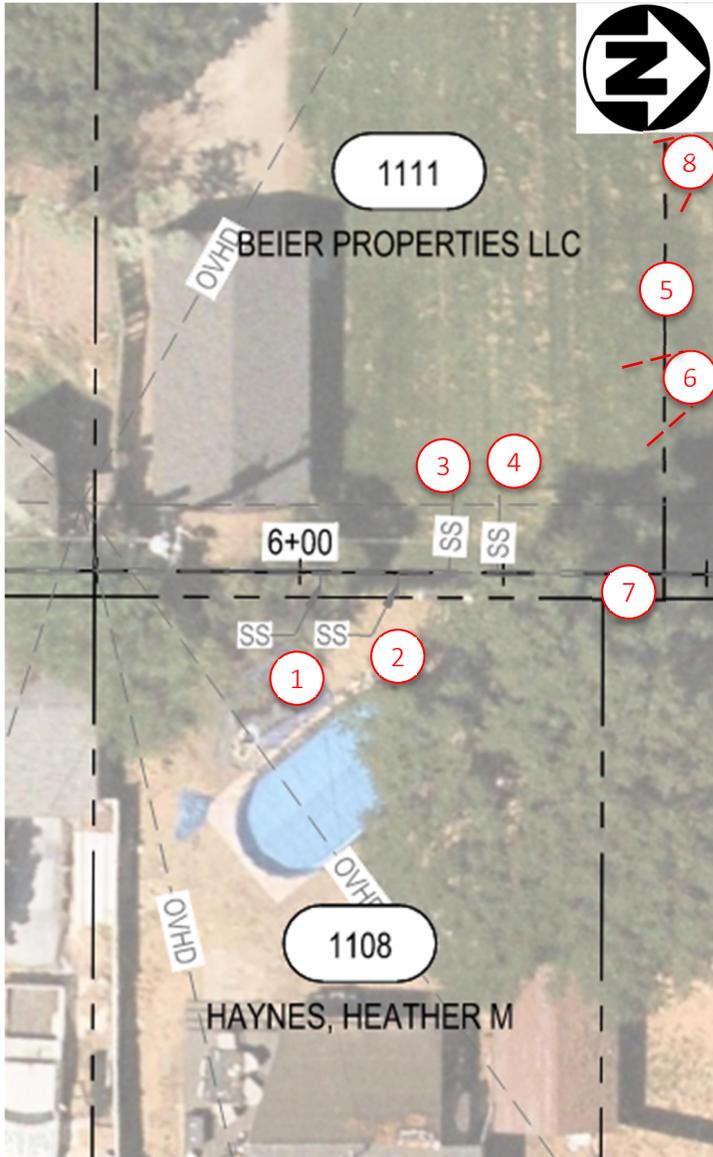
REVISION DATE:  
NOVEMBER 2025

STD DWG NO.

**2-12**

SERVICE CONNECTION DETAIL NO.: 7

ADDRESS(ES): 1111 7<sup>TH</sup> ST, 1108 6<sup>TH</sup> ST



NTS

CONNECTION(S):

KEY NOTE	APPROX. STA	APPROX. DEPTH	DETAIL	PHOTO REFERENCE
1	6+02	9.0'	LATERAL: 4" INACTIVE: DO NOT RECONNECT	
2	6+09	9.0'	LATERAL: 4", RECONNECT LATERAL FOR 1108 6 <sup>TH</sup> ST, PER STD DWG. NO. 2-12 ACCESS VIA 1111 7 <sup>TH</sup> ST	
3	6+14	9.2'	LATERAL: 4" INACTIVE: DO NOT RECONNECT	

KEY NOTE	APPROX. STA	APPROX. DEPTH	DETAIL	PHOTO REFERENCE
4	6+19	9.1'	LATERAL: 4", RECONNECT LATERAL FOR 1111 7 <sup>TH</sup> ST, PER STD DWG. NO. 2-12 ACCESS VIA 1111 7 <sup>TH</sup> ST	

OTHER KEY NOTE(S):

KEY NOTE	DETAIL	PHOTO REFERENCE
5	ACCESS 1111 7 <sup>TH</sup> ST BETWEEN 1111 7 <sup>TH</sup> ST AND 1105 7 <sup>TH</sup> ST PROPERTIES	
6	REPLACE CHAIN-LINK FENCE WITH PRIVACY SLATS IN-KIND WHERE DISTURBED BY LATERAL RECONNECTIONS REPLACE DISTURBED GRASS WITH SOD REFERENCE PHOTO 1111-A LOCATION	1111-A
7	PIPE BURSTING PIT SURFACE RESTORATION IS INCLUDED IN THIS DETAIL 7. SEE CIVIL SHEET C-102.	
8	ACCESS TO PROPERTIES 1111 7 <sup>TH</sup> ST AND 1103-1105 7 <sup>TH</sup> ST WILL BE THROUGH VINYL FENCE. ASSUME FENCE WILL BE COMPLETED BEFORE THE START OF CONSTRUCTION.	1111-B



1111-A



*1111-B*

Measurement and Payment Descriptions

<b>2024 Sewer Replacement Design Package 2 – Schedule A</b>			
<b>ITEM NO.</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>DESCRIPTION</b>
<b>GENERAL</b>			
A1	Mobilization, Bonds, Insurance, and Demobilization	LS	<p>A. When 5% is earned, either 100% of the amount for mobilization or 5% of the original contract amount, whichever is the least</p> <p>B. When all work is completed, amount of mobilization exceeding 5% of the original contract amount</p> <p>This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the contract.</p>
A2	Erosion and Sediment Control	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide and maintain erosion control facilities in accordance with any required erosion control permits.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
A3	Traffic Control	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide and maintain traffic control in accordance with local agency requirements.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
A4	Trench Safety Systems	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide trench safety for all excavations required.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
<b>SEWER</b>			
A5	Sewer Bypass Systems	LS	<p>The lump sum contract price for “Sewage Bypass Systems” shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include, but not be limited to, all work required to successfully transfer in a leak free manner sewage flows around the construction area, bypass pumping, pipe installation as specified herein, piping and piping connections, plugs, temporary connections (if any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping equipment,</p>

			<p>stand-by equipment, fuel, operator’s labor, removal of all temporary equipment and materials, and dealing with all other interferences, all as shown on the Drawings and as specified herein.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
A6	4-inch Diam. Sewer Lateral Reconnection	EA	<p>The unit price bid per each “4-inch Diam. Sewer Reconnection” shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include but not limited to pipe, fittings, reconnecting existing sewers laterals to the proposed sanitary sewer pipe, a tee whose run diameter is the same diameter as the pipe called for on the Drawings, pipe spools, adapters, connectors and flexible couplings as required for a complete installation and dealing with all other interferences, lateral dye test and verification as required, all as shown on the Drawings and as specified herein. This item shall also include lateral pipe installation from the main line to the connection point of the existing sewer lateral and include the work, labor, equipment etc. to make the reconnection within 5 feet of the mainline. If additional footage is required and agreed to by the Asotin County PUD or Engineer it will be paid for under a separate item.</p> <p>Contractor shall assume lateral pipe material of clay unless otherwise noted in the plans and specs.</p> <p>Measurement will be per each.</p> <p>Restoration is included in the associated property Service Connection Details. See Surface Restoration Detail line items.</p>
A7	Additional PVC Sewer Lateral Pipe and Fittings, 4-inch Diam	LF	<p>The unit contract price per lineal foot for, “PVC Sewer Lateral Pipe and Fittings, 4-inch Diam., Incl. Surface Restoration”, shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item to include, but not limited to, furnishing and installing the side sewer pipe and fittings, complete-in-place, locating and testing the existing side sewer pipe and fittings, removal and waste haul</p>

A7		<p>of existing abandoned pipe, plugging all ends of abandoned pipe with concrete, excavation, pipe bedding material, backfill with suitable native material, compaction, material testing, furnishing the services of a Asotin County PUD approved testing laboratory to conduct compaction testing, removal and waste haul of excess or unsuitable excavated material, dewatering, connections to existing and new systems, flushing and cleaning, detectable marking tape, tracer wire, cap, if applicable, markers, low pressure testing, waste hauling, grading, and dealing with all other interference, all as shown on the Drawings and as specified herein.</p> <p>Surface restoration of Top Soil and Sod per Asotin County PUD Standard Specifications Section 110 for additional PVC sewer lateral installation shall fall under the bid item Miscellaneous Surface Restoration.</p> <p>Measurement for Additional PVC Side Sewer Pipe and Fittings will be lineal foot along the centerline of the pipe through all fittings from the end of the sewer lateral reconnection to the point of connection to the existing side sewer. Measurements shall be made in the horizontal plane with no allowance for slopes. <b>This item may only be used with permission from Asotin County PUD to provide additional sewer lateral length as may be required for sewer lateral reconnections.</b></p> <p>This Bid item will include additional PVC necessary for the two laterals that require re-routing within Service Connection Detail 11. Estimated length for the two re-routed laterals is 70 linear feet. Laterals are noted on Civil Sheet C-103. Surface repair for these specific laterals shall fall under Surface Restoration Detail 11.</p>
A8	HDPE Sanitary Sewer Pipe 8 in Diam., for Pipe Bursting	<p>LF</p> <p>The unit price bid per lineal foot for “HDPE Sanitary Sewer Pipe, 8 in. Diam. for Pipe Bursting”, shall be full payment for all work and materials required to furnish and install the HDPE pipe and fittings, complete in-place. This item shall include,</p>

		<p>but is not to be limited to, pipe bursting insertion/receiving pit excavation, backfill with bedding and imported Class D trench backfill, compaction, removal and disposal of surplus excavated materials, all HDPE pipe and fittings, pipe bursting operations via static burst methods, cleaning, testing, waste hauling, grading and dealing with all other interferences, all as shown on the Drawings and as specified herein. All costs associated with special excavation for trenchless rehabilitation, including all work, materials and equipment required to excavate, expose and retrieve trenchless rehabilitation equipment, in order to continue the pipe rehabilitation procedure, should any equipment become lodged against an unforeseeable obstacle, shall be included in the various unit prices bid for this work as found in the Proposal. The length of sewer pipe will be the number of lineal feet of completed installation measured along the invert and will include the length through elbows, tees and fittings. The number of lineal feet will be measured from the center of manhole to center of manhole. Measurements shall be made in the horizontal plane with no allowance for slopes. Restoration is included in the associated property service connection details.</p>
A9	Manhole Abandonment	<p>EA</p> <p>The unit contract price per each for “Manhole Abandonment”, shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to abandon a manhole, to include, but not be limited to, demo of manhole channel and barrel section as may be needed to pipe burst through structure, structure excavation, removing the cone section of the manhole, backfill with suitable native material and imported gravel, compaction, material testing, furnishing the services of a Contracting Agency approved testing laboratory to conduct compaction testing, non-shrink grout, and waste haul of surplus excavated material and existing manholes parts where called for on the Drawings, grading, and dealing with all other interferences, all as shown on the Drawings</p>

			and as specified herein. Measurement shall be per each manhole abandoned. Restoration is included in the associated property service connection details.
A10	Connect to Existing Manhole	EA	The unit contract price per each for “Connect to Existing Manhole”, shall constitute full compensation for all labor, materials, tools, equipment, supplies, and incidentals required to connect sanitary sewer pipe to existing manholes including but not limited to, demo of manhole channel of barrel sections as may be needed to pipe burst to or through structure, non-shrink grout, pipe spools, pipe connection fittings and removal and waste haul of materials, as shown on the Drawings and as specified herein. Measurement shall be per each connection to an existing manhole.
A11	Pre-Construction Sewer Television Inspection	LS	The lump sum price bid for “Pre-Construction Sewer Television Inspection”, shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings.  No Specific unit of measurement will apply to this lump sum item.
A12	Post-Construction Sewer Television Inspection	LS	The lump sum price bid for “Post-Construction Sewer Television Inspection”, shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings.  No Specific unit of measurement will apply to this lump sum item.
A13	Service Connection Detail 1	LS	The lump sum price bid for "Service Connection Detail 1" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 1, including but not limited to, pipe bursting pit surface restoration per Asotin County PUD Standard Detail 1-4B, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110 (incl. disturbed area resulting from manhole abandonment), disturbed river rock driveway in-kind (incl. disturbed areas resulting from access for Service Connection Detail No. 2), and disturbed wood fence in-kind.

			Measurement will be per lump sum for the Detail.
A14	Service Connection Detail 2	LS	<p>The lump sum price bid for "Service Connection Detail 2" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 2, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110 (incl. disturbed areas resulting from access from Service Connection Detail No. 1), and disturbed wood fence in-kind (incl. access from Service Connection Detail No. 1).</p> <p>Measurement will be per lump sum for the Detail.</p>
A15	Service Connection Detail 3	LS	<p>The lump sum price bid for "Service Connection Detail 3" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 3, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, and disturbed wood fence as specified on detail.</p> <p>Measurement will be per lump sum for the Detail.</p>
A16	Service Connection Detail 4	LS	<p>The lump sum price bid for "Service Connection Detail 4" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 4 including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110 (incl. disturbed areas resulting from access for Service Connection Detail No. 5), and disturbed wood fence in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A17	Service Connection Detail 5	LS	<p>The lump sum price bid for "Service Connection Detail 5" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 5, including but not limited to, disturbed grass with top soil and</p>

			<p>sod per Asotin County PUD Standard Specifications Section 110 (incl. disturbed areas resulting from access from Service Connection Detail No. 4), disturbed wood fence in-kind (incl. access from Service Connection Detail No. 4), and disturbed planting strips in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A18	Service Connection Detail 6	LS	<p>The lump sum price bid for "Service Connection Detail 6" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 6, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, and disturbed wood fences (of various kinds) in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A19	Service Connection Detail 7	LS	<p>The lump sum price bid for "Service Connection Detail 7" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 7, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, and disturbed vinyl and chain-link fence (with vinyl privacy slats) in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A20	Service Connection Detail 8	LS	<p>The lump sum price bid for "Service Connection Detail 8" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 8, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110 (incl. pipe bursting pit), disturbed chain-link fence (with vinyl privacy slats) in-kind, and disturbed wood fence in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A21	Service Connection Detail 9	LS	<p>The lump sum price bid for "Service Connection Detail 9" shall constitute full compensation for all</p>

			<p>labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 9, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, and disturbed vinyl and wood fence in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A22	Service Connection Detail 10	LS	<p>The lump sum price bid for "Service Connection Detail 10" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 10, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, disturbed flower beds in-kind, and disturbed new-style wood fence in-kind.</p> <p>Measurement will be per lump sum for the Detail.</p>
A23	Service Connection Detail 11	LS	<p>The lump sum price bid for "Service Connection Detail 11" shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to provide surface restoration for items as show on Service Connection Detail No. 11, including but not limited to, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, disturbed asphalt driveway per Asotin County PUD Standard Detail 1-4B (incl. pipe bursting pit), disturbed chain-link fence in-kind, and disturbed wood fence in-kind.</p> <p>Surface restoration for additional rerouted sewer laterals are included in the lump sum price for this bid item. Assumed 38 linear feet of sewer lateral located in asphalt. Assumed 32 linear feet of sewer lateral located in sod.</p> <p>Measurement will be per lump sum for the Detail.</p>
A24	Misc. Surface Restoration	LS	<p>Measurement for "Misc. Surface Restoration" shall be negotiated prior to commencement of any such work under this pay item and shall be for the work to remedy unforeseen surface restoration not</p>

			<p>otherwise noted in the Service Connection Details. Payment for “Misc. Surface Restoration” in the amount of \$25,000 or less, shall be made at the discretion of the Owner in lieu of the more formal procedures as outlined in the General Conditions. The agreement for “Misc. Surface Restoration” will be documented by signature of the Contractor or notation of the verbal agreement. For the purpose of providing a common proposal for all Bidders, the Owner has entered an amount for the items in the proposal to become part of the total Bid by the Contractor.</p>
A25	Import Class D Backfill	CY	<p>The unit contract price per lineal foot for, “Import Class D Backfill”, shall include all costs for the labor, material, and equipment associated with furnishing, installing, and testing imported Class D backfill (per the Specifications). <b>Use of this item shall be to replace unsuitable trench backfill materials as may be encountered, the volume of which shall be reviewed and agreed upon by the Asotin County PUD prior to use.</b></p> <p>Measurement will be per cubic yard of straight-line measurement of trench.</p>

**2024 Sewer Replacement Design Package 2 – Schedule B**

<b>ITEM NO.</b>	<b>ITEM DESCRIPTION</b>	<b>UNIT</b>	<b>DESCRIPTION</b>
<b>GENERAL</b>			
B1	Mobilization, Bonds, Insurance, and Demobilization	LS	<p>A. When 5% is earned, either 100% of the amount for mobilization or 5% of the original contract amount, whichever is the least</p> <p>B. When all work is completed, amount of mobilization exceeding 5% of the original contract amount</p> <p>This schedule of mobilization progress payments will not limit or preclude progress payments otherwise provided by the contract.</p>
B2	Erosion and Sediment Control	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide and maintain erosion control facilities in accordance with any required erosion control permits.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
B3	Traffic Control	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide and maintain traffic control in accordance with local agency requirements.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
B4	Trench Safety Systems	LS	<p>Includes all material, labor, equipment, and incidentals necessary to provide trench safety for all excavations required.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
<b>SEWER</b>			
B5	Sewer Bypass Systems	LS	<p>The lump sum contract price for “Sewage Bypass Systems” shall constitute full compensation for all labor, materials, tools, equipment, transportation, supplies, and incidentals required to complete all work to furnish and install this item, to include, but not be limited to, all work required to successfully transfer in a leak free manner sewage flows around the construction area, bypass pumping, pipe installation as specified herein, piping and piping connections, plugs, temporary connections (if any), temporary manholes (if any), temporary tees, couplings, and fittings (if any), pumping equipment, stand-by equipment, fuel, operator’s labor, removal of all temporary equipment and materials, and</p>

			<p>dealing with all other interferences, all as shown on the Drawings and as specified herein.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
B6	HDPE Sanitary Sewer Pipe 8 in Diam., for Pipe Bursting	LF	<p>The unit price bid per lineal foot for “HDPE Sanitary Sewer Pipe, 8 in. Diam. for Pipe Bursting”, shall be full payment for all work and materials required to furnish and install the HDPE pipe and fittings, complete in-place. This item shall include, but is not to be limited to, pipe bursting insertion/receiving pit excavation, backfill with bedding and imported Class D trench backfill, compaction, removal and disposal of surplus excavated materials, all HDPE pipe and fittings, pipe bursting operations via static burst methods, cleaning, testing, waste hauling, grading and dealing with all other interferences, all as shown on the Drawings and as specified herein. All costs associated with special excavation for trenchless rehabilitation, including all work, materials and equipment required to excavate, expose and retrieve trenchless rehabilitation equipment, in order to continue the pipe rehabilitation procedure, should any equipment become lodged against an unforeseeable obstacle, shall be included in the various unit prices bid for this work as found in the Proposal. The length of sewer pipe will be the number of lineal feet of completed installation measured along the invert and will include the length through elbows, tees and fittings. The number of lineal feet will be measured from the center of manhole to center of manhole.</p> <p>Surface restoration is incidental to this bid item including but not limited to, pipe bursting pit surface restoration per Asotin County PUD Standard Detail 1-4B, disturbed grass with top soil and sod per Asotin County PUD Standard Specifications Section 110, and disturbed concrete side walk, driveway approach, and vertical curb and gutter per Asotin County PUD standard Specifications 1-1A, 1-1B, 1-2, and 1-3.</p> <p>Measurements shall be made in the horizontal plane with no allowance for slopes.</p>
B7	Connect to Existing Manhole	EA	<p>The unit contract price per each for “Connect to Existing Manhole”, shall constitute full</p>

			<p>compensation for all labor, materials, tools, equipment, supplies, and incidentals required to connect sanitary sewer pipe to existing manholes including but not limited to, demo of manhole channel of barrel sections as may be needed to pipe burst to or through structure, non-shrink grout, pipe spools, pipe connection fittings and removal and waste haul of materials, as shown on the Drawings and as specified herein. Measurement shall be per each connection to an existing manhole.</p>
B8	Pre-Construction Sewer Television Inspection	LS	<p>The lump sum price bid for “Pre-Construction Sewer Television Inspection”, shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>
B9	Post-Construction Sewer Television Inspection	LS	<p>The lump sum price bid for “Post-Construction Sewer Television Inspection”, shall be full payment for all work and materials required to furnish and provide Sewer Television Inspection services as shown on the Drawings.</p> <p>No Specific unit of measurement will apply to this lump sum item.</p>