

COOPERATIVE IMPROVEMENT (UTILITY) AGREEMENT
Project Name: US26 (Powell Blvd): SE 99th Ave – East City Limits
(Construction Phase Cost Sharing Agreement)

THIS AGREEMENT is made and entered into by and between the **State of Oregon**, acting by and through its Department of Transportation, hereinafter referred to as "State" or "ODOT" and the **City of Portland Water Bureau**, hereinafter referred to as "Agency," or "PWB" both herein referred to individually or collectively as "Party" or "Parties."

RECITALS

1. ODOT is conducting a transportation improvement project on US 26 (Powell Blvd) ("State Improvement Project"), which is identified in the Statewide Transportation Improvement Program (STIP) as Key Number 21178. The State Improvement Project includes the widening of US 26 (Powell Blvd) between MP 6.03 and MP 9.96 (SE 99th Ave to East City Limits immediately east of SE 174th) ("Highway"). The Highway is a part of the state highway system under the jurisdiction and control of the Oregon Transportation Commission (OTC). All local streets intersecting the Highway are a part of the city street system under the jurisdiction and control of the City of Portland and are shown on Exhibit A attached hereto.
2. PWB owns and maintains waterline facilities ("PWB Facilities) that are in conflict with the State Improvement Project ("In Conflict") and must therefore be removed and relocated.
3. ODOT provided notice to PWB that its facilities are In Conflict and instructed PWB that they must be relocated. ODOT's notice to PWB, which includes mapping of the current location of the facilities that are In Conflict, is set forth in the Conflict Letter, Matrix and Mapping, Exhibit A. The relocation and construction of the PWB Facilities In Conflict is shown on the sketch map attached hereto, marked Exhibit B (Waterline Relocation Plan).
4. Pursuant to 23 Code of Federal Regulations (CFR) 645.107(a) and Oregon Revised Statutes (ORS) 366.321, ODOT may reimburse PWB for the cost to relocate its facilities that are in conflict with a state improvement project if PWB has a documented real property ownership and/or the PWB facilities existed in ODOT's right of way before the right of way was selected and designated as a state highway. A portion of the PWB Facilities qualify for reimbursement as documented in Exhibit E ("Documented Ownership Interest") and shown on Exhibit B as "Reimbursable". The relocation of PWB Facilities that are In Conflict and are entitled to reimbursement shall hereafter be referred to as "Reimbursable Work." The relocation of PWB Facilities that are In Conflict, but do not qualify for reimbursement, is referred to as "Non-Reimbursable Work."

5. PWB has requested that ODOT make additional improvements (such as increasing pipe sizes) to the PWB Facilities that will be reconstructed as part of the Reimbursable Work.
6. PWB has also requested of ODOT that in conjunction with the Reimbursable Work and the Non-Reimbursable Work, it construct a new waterline facility in areas where the existing waterline is not In Conflict with the State Improvement Project. These waterline facilities are hereafter included in the term "PWB Facilities." The construction of the PWB Facilities not In Conflict are hereafter included in the term "Non-Reimbursable Work." All of the Reimbursable Work, Non-Reimbursable Work and Betterments, when referenced together, are hereafter referred to as the "Waterline Project."
7. It is deemed to be in the public interest for PWB to perform certain components of the relocation, removal, or construction of its facilities within the Waterline Project (hereafter referred to as "PWB Work") and for ODOT to perform the remaining relocation work.
8. ODOT and PWB entered into Intergovernmental Agreement, No 34800/73000-00004186 [March 25, 2022] ("Design Phase IGA") setting out the parties' cost sharing responsibilities relating to the concept and design phase of the Waterline Project. The parties intend for this Agreement to set out the rights and responsibilities, including cost sharing, relating to the construction phase of the Waterline Project.
9. By the authority granted in ORS 190.110, 366.572 and 366.576, ODOT may enter into cooperative agreements with counties, cities and units of local governments for the performance of work on certain types of improvement projects with the allocation of costs on terms and conditions mutually agreeable to the contracting parties.
10. ODOT, by ORS 366.220, is vested with complete jurisdiction and control over the roadways of other jurisdictions taken for state highway purposes. By the authority granted by ORS 373.020, the jurisdiction extends from curb to curb, or, if there is no regular established curb, then control extends over such portion of the right of way as may be utilized by ODOT for highway purposes. Responsibility for and jurisdiction over all other portions of a city street remains with the City of Portland.
11. By the authority granted in ORS 366.425, ODOT may accept deposits of money or an irrevocable letter of credit from any county, city, road district, person, firm, or corporation for the performance of work on any public highway within the state. When said money or a letter of credit is deposited, ODOT shall proceed with the project. Money so deposited shall be disbursed for the purpose for which it was deposited.

NOW THEREFORE, the premises being in general as stated in the foregoing Recitals, it is agreed by and between the Parties hereto as follows:

TERMS OF AGREEMENT

1. Recitals 1 – 11 are incorporated into this Agreement by this reference and made a part hereof.
2. This Agreement includes the following exhibits, each of which is attached hereto and incorporated into this Agreement by this reference:
 - a. Exhibit A - Conflict Letter, Matrix and Mapping
 - b. Exhibit B – Waterline Relocation Plan
 - c. Exhibit C – Time Requirement Letter and Response Times
 - d. Exhibit D – Cost Estimate and Cost Sharing Methodology
 - e. Exhibit E – Evidence of Ownership
3. Under such authority, ODOT and PWB agree that ODOT or its contractor shall perform all of the Reimbursable Work, Non-Reimbursable Work and Betterments except for the PWB Work referenced in Recital 7, which shall be performed by PWB. The Waterline Project includes all materials, equipment, labor, contract administration and any other work necessary to perform the relocation, construction, and removal of the PWB Facilities. The location of the Waterline Project is approximately as shown on Exhibit B.
4. The Non-Reimbursable portion of the Waterline Project and any Betterments will be financed at an estimated cost of \$5,000,000 in PWB funds. The Reimbursable Work shall be funded by ODOT funds pursuant to ORS 366.321. The estimate for the total Waterline Project cost is subject to change. The PWB Work that is part of the Reimbursable work will be invoiced by PWB.
5. The Program Guide: *Utility Relocation and Accommodation on Federal Aid Highway Projects* (“Program Guide”) shall determine and establish the definitions and applicable standards and payments under this Agreement. By this reference, the Program Guide, including the definitions, process, and standards outlined within, is adopted and made a part of this Agreement as if fully contained herein.
6. The term of this Agreement shall begin on the date all required signatures are obtained and shall terminate upon completion of the Waterline Project and final payment or ten (10) calendar years following the date all required signatures are obtained, whichever is sooner.

PWB OBLIGATIONS

1. Payment for Non-Reimbursable Work and Betterments
 - a. PWB agrees to pay ODOT for all Non-Reimbursable Work and Betterments.

- b. PWB shall upon receipt of a fully executed copy of this Agreement and upon a subsequent letter of request from ODOT, forward to ODOT an advance deposit or irrevocable letter of credit in the amount of \$5,000,000 said amount being equal to the estimated total cost for the work performed by ODOT for the Non-Reimbursable Work and Betterments portion of the Waterline Project. PWB agrees to make additional deposits as needed upon request from ODOT and as documented in Exhibit D Cost Estimate and Cost Sharing Methodology. Upon completion of the Waterline Project, if under the cost sharing methodology documented in Exhibit D PWB has overpaid, or has underpaid, then PWB will pay the difference or ODOT will reimburse PWB based on actual costs. Any portion of said advance deposit which is in excess of the total Non-Reimbursable Work costs and Betterment costs will be refunded or released to PWB within 45 business days of issuing 3rd Note of the State Improvement Project.

2. Obligations specific to PWB Work

- a. PWB shall perform the PWB Work as described in Exhibit C, in the Construction Response Times for PWB Crews section. Should it be necessary to modify Exhibit C as to the PWB Work and response times, PWB agrees to notify ODOT of all proposed changes, and ODOT agrees to provide written notice of its acceptance or rejection of the change(s), in writing, as agreed to in Exhibit C. The changes will not become final and ODOT will not reimburse PWB for work performed pursuant to the changes to the Approved Relocation Plans until PWB has obtained ODOT's acceptance of the changes pursuant to this paragraph.
- b. For PWB Work that is part of Reimbursable Work, PWB shall submit a final invoice, with all required supporting documentation to ODOT within one hundred and twenty (120) calendar days following completion of the PWB Work. In the event that the final invoice reveals an overpayment to PWB, PWB agrees to refund such overpayment to ODOT within thirty (30) calendar days after written notification.
- c. PWB shall perform the PWB Work in accordance with all applicable laws, permits, ordinances, rules and regulations, including but not limited to the Utilities Accommodation Policy, Oregon Administrative Rules (OAR) 734-055, and amendments thereto and in accordance with ODOT contract plans.
- d. PWB shall complete the PWB Work in accordance with, and by the dates and table of response times specified in Exhibit C. The list of responsibilities and scheduled time for completion of responsibilities set forth in Exhibit C shall apply to all of the PWB Work regardless of whether it is for work on waterlines that are In Conflict or not In Conflict. Should PWB's failure to perform the PWB Work in accordance with the terms of this Agreement cause a delay to ODOT's Waterline Project and thereby result in ODOT paying extra compensation to its contractors as a result of that delay, PWB shall be liable to ODOT for the payment amount paid to ODOT's contractor that ODOT incurred as a direct result of PWB's failure to comply with this Agreement.

- e. PWB agrees not to begin PWB Work until ODOT has provided written notice to proceed (“Notice to Proceed”) authorizing PWB to begin that PWB Work. ODOT is not obligated to reimburse PWB for any PWB Work performed before the date of the Notice to Proceed. Depending on the Work shown in Exhibit B Approved Relocation Plan and the PWB responsibility outlined in Exhibit C, the Notice to Proceed may include, but is not limited to, a Notice to Proceed for: Preliminary Engineering, Construction, Competitive Bidding, Award and Construction, Purchase of Materials.
 - f. PWB agrees to ensure backflow devices in which PWB is responsible for installing to be installed in a manner to not delay overall project construction schedule.
 - g. If PWB desires to have the PWB Work performed under an existing contract between PWB and a contractor, ODOT may require PWB to provide ODOT with a copy of the contract for ODOT’s written approval of the contractor and contract charges. If ODOT requests PWB contract, PWB shall provide said contract within seven (7) Business days. If PWB desires to procure a new contract for the performance of its duties under this Agreement, the Parties must amend this Agreement to address the procurement of that contract.
3. Americans with Disabilities Act of 1990 as amended (together, “ADA”) obligations specific to all work performed by PWB, including PWB Work:
- a. When PWB performs work on sidewalks, curb ramps, or pedestrian-activated signals or triggers an obligation to address curb ramps or pedestrian signals, the Parties shall:
 - b. Utilize ODOT standards to assess and ensure that the WORK complies with Section 504 of the Rehabilitation Act of 1973 and ADA, including ensuring that all sidewalks, curb ramps, and pedestrian-activated signals meet current ODOT Highway Design Manual standards;
 - c. Follow ODOT’s processes for design, modification, upgrade, or construction of sidewalks, curb ramps, and pedestrian-activated signals, including using the ODOT Highway Design Manual, ODOT Design Exception process, ODOT Standard Drawings, ODOT Construction Specifications, providing a temporary pedestrian accessible route plan and current ODOT Curb Ramp Inspection form;
 - d. At Waterline Project completion, send a completed ODOT Curb Ramp Inspection Form 734-5020 to the address on the form as well as to ODOT’s Project Manager for each curb ramp constructed, modified, upgraded, or improved as part of the Waterline Project. The completed form is the documentation required to show that each curb ramp meets ODOT standards and is ADA compliant. ODOT’s fillable Curb Ramp Inspection Form and instructions are available at the following address:

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/Pages/HwyConstForms1.aspx>.

- e. PWB shall ensure that temporary pedestrian routes are provided through or around any work zone. Any such temporary pedestrian route shall include directional and informational signs, comply with ODOT standards, and include accessibility features equal to or better than the features present in the existing pedestrian facility. PWB shall also ensure that advance notice of any temporary pedestrian route is provided in accessible format to the public, people with disabilities, and disability organizations at least 10 days prior to the start of construction.
4. All PWB Facilities and appurtenances installed by ODOT or its contractor will require inspections by PWB. PWB personnel will work directly with ODOT personnel. PWB shall not contact or communicate with ODOT's contractor without ODOT's consent. PWB will provide all necessary documentation to ODOT. PWB staff time will be split as defined in Exhibit D.
5. PWB agrees to obtain and comply with any other permits from any agency with jurisdiction over the location and subject matter of the Waterline Project. PWB further agrees to obtain such permits in a manner to not delay overall project construction schedule.
6. All of PWB's work, construction procedures, materials, and utility installation, as provided under this Agreement, shall be subject to ODOT inspection for solely the benefit of ODOT's payment, and the State Improvement Project. PWB shall promptly notify ODOT in writing when PWB Work is completed. ODOT shall inspect PWB Work for compliance with the Exhibits attached to this Agreement. ODOT will notify PWB in writing of any non-compliance that would impact ODOT's payment, or the State Improvement Project. PWB agrees to make the necessary changes to satisfy ODOT requirements or adjust the invoice. ODOT's inspection shall not reduce or modify PWB's responsibility for the PWB Work.
7. PWB agrees that, upon completion and acceptance of the Waterline Project work, PWB shall be solely responsible for all future ownership, operation and maintenance costs of its facilities, without ODOT liability or expense.
8. PWB shall apply for a permit for those new or modified PWB facilities that will be located within the right of way of the applicable ODOT, County, or City. After receiving the application, ODOT will issue PWB the appropriate permits.
9. For any ODOT Contract Change Orders (CCOs) that involve waterline work, PWB shall respond as agreed to in Exhibit C. Failure to respond in that timeframe will be interpreted as concurrence in the CCO.
10. For PWB Crew work field adjustments that increase the cost of Reimbursable Work, or timeline of either Reimbursable or Non-Reimbursable work, PWB shall submit a written request to the ODOT Project Manager documenting the cost or time increase within 2 business days of knowledge of such increase. Failure to do so will put the responsibility of added cost or schedule delay consequences on PWB.

11. PWB's Project Manager for the Waterline Project is Chris Chambers, Engineer II, 1120 SW 5th Ave, Room 600, Portland OR 97204, Christopher.Chambers@portlandoregon.gov, or assigned designee upon individual's absence. PWB shall notify the other Party in writing of any contact information changes during the term of this Agreement

ODOT OBLIGATIONS

1. ODOT, or its consultant, shall identify and obtain all required permits other than those identified under PWB Obligations above; perform construction engineering, including required materials testing and quality documentation; prepare all bid and contract documents; advertise for construction bid proposals; award all contracts; pay all contractor costs, provide technical inspection, project management services and other necessary functions for sole administration of the construction contract entered into for the Waterline Project. This paragraph does not apply to the PWB Work except that such work must be done in accordance with ODOT contract plans.
2. ODOT shall, upon execution of this Agreement, forward to PWB a letter of request for an advance deposit or irrevocable letter of credit in the amount of \$5,000,000 for payment of Non Reimbursable Work and Betterments. Cost Share shall follow the agreed upon methodology in Exhibit D. If the amount is anticipated to exceed the Advance Deposit or irrevocable letter of credit, ODOT shall provide a minimum of 45 business day advance notice and shall support requests for additional deposits with documentation indicating how the Non-Reimbursable or Betterment Work cost increased.
3. Upon substantial completion of Waterline Project, which shall include all work with the exception of adjustments of meters, fire hydrants and containment isolation valves (CIVs), ODOT shall send notice to PWB. After ODOT sends the notice to PWB, the cost share in Exhibit D will not apply to other items, unless specifically approved by PWB in writing.
4. Upon completion of the Waterline Project, ODOT shall either send to PWB a bill for the amount which, when added to PWB's advance deposit, will equal 100 percent of the total ODOT costs for the Non-Reimbursable work and Betterments or ODOT will refund to PWB any portion of said advance deposit which is in excess of the total ODOT costs for Non-Reimbursable work and Betterments. Any request for additional funds shall be supported by documenting added quantities as either reimbursable, non-reimbursable, or betterments, and follow the cost share methodology in Exhibit D accordingly.
5. ODOT shall be responsible for providing PWB crews with a 3-week look ahead schedule for the work on the project that is up to date and that gives PWB crews time to complete the work per the agreement in Exhibit C. ODOT is responsible for any claims to the project related to inadequate notice to PWB, poorly planned work by the contractor, or means and methods that impact the schedule.

6. For Reimbursable work, ODOT is responsible for the full cost of PWB crew, including premiums for night or weekend work.
7. ODOT shall be responsible for managing the work of the contractor. ODOT is responsible for informing PWB of any CCOs that impact PWB cost share as agreed to in Exhibit C.
8. With respect to those services performed by ODOT for work that is not In-conflict with the Waterline Project, but that ODOT has agreed to perform on behalf of PWB as described in Recital 6, ODOT shall perform the service under this Agreement as an independent contractor and shall be exclusively responsible for all costs and expenses related to its employment of individuals to perform the work under this Agreement including, but not limited to, retirement contributions, workers' compensation, unemployment taxes, and state and federal income tax withholdings.
9. ODOT's Project Manager for the Waterline Project is Nicole Frankl, State Utility Liaison, ODOT – Technical Services, 4040 Fairview Ind. Drive SE, MS#2 Salem OR 97302, 503-986-3658, UtilityandRailProgra@odot.oregon.gov or assigned designee upon individual's absence. ODOT shall notify the other Party in writing of any contact information changes during the term of this Agreement.

GENERAL PROVISIONS

1. ODOT may terminate this Agreement effective upon delivery of written notice to PWB, or at such later date as may be established by ODOT, under any of the following conditions:
 - a. If PWB fails to provide the services called for by this Agreement within the time specified herein or any extension thereof.
 - b. If PWB fails to perform any of the other provisions of this Agreement, or so fails to pursue the work as to endanger performance of this Agreement in accordance with its terms, and after receipt of written notice from ODOT fails to correct such failures within ten (10) days or such longer period as ODOT may authorize.
 - c. If ODOT fails to receive funding, appropriations, limitations or other expenditure authority sufficient to allow ODOT, in the exercise of its reasonable administrative discretion, to continue to advance this Project or the terms of this Agreement.
 - d. If federal or state laws, regulations or guidelines are modified or interpreted in such a way that either the work under this Agreement is prohibited or ODOT is prohibited from paying for such work from the planned funding source.
2. Any termination of this Agreement shall not prejudice any rights or obligations accrued to the Parties prior to termination.
3. If any third party makes any claim or brings any action, suit or proceeding alleging a tort as now or hereafter defined in ORS 30.260 ("Third Party Claim") against ODOT

or PWB with respect to which the other Party may have liability, the notified Party must promptly notify the other Party in writing of the Third Party Claim and deliver to the other Party a copy of the claim, process, and all legal pleadings with respect to the Third Party Claim. Each Party is entitled to participate in the defense of a Third Party Claim, and to defend a Third Party Claim with counsel of its own choosing. Receipt by a Party of the notice and copies required in this paragraph and meaningful opportunity for the Party to participate in the investigation, defense and settlement of the Third Party Claim with counsel of its own choosing are conditions precedent to that Party's liability with respect to the Third Party Claim.

4. With respect to a Third Party Claim for which ODOT is jointly liable with PWB (or would be if joined in the Third Party Claim), ODOT shall contribute to the amount of expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by PWB in such proportion as is appropriate to reflect the relative fault of ODOT on the one hand and of PWB on the other hand in connection with the events which resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of ODOT on the one hand and of PWB on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. ODOT's contribution amount in any instance is capped to the same extent it would have been capped under Oregon law, including the Oregon Tort Claims Act, ORS 30.260 to 30.300, if ODOT had sole liability in the proceeding.
5. With respect to a Third Party Claim for which PWB is jointly liable with ODOT (or would be if joined in the Third Party Claim), PWB shall contribute to the amount of expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by ODOT in such proportion as is appropriate to reflect the relative fault of PWB on the one hand and of ODOT on the other hand in connection with the events which resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of PWB on the one hand and of ODOT on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. PWB's contribution amount in any instance is capped to the same extent it would have been capped under Oregon law, including the Oregon Tort Claims Act, ORS 30.260 to 30.300, if it had sole liability in the proceeding.
6. The Parties shall attempt in good faith to resolve any dispute arising out of this Agreement. In addition, the Parties may agree to utilize a jointly selected mediator or arbitrator (for non-binding arbitration) to resolve the dispute short of litigation.
7. This Agreement may be executed in several counterparts (facsimile or otherwise) all of which when taken together shall constitute one agreement binding on all Parties,

notwithstanding that all Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.

8. This Agreement and attached exhibits constitute the entire agreement between the Parties on the subject matter hereof. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver, consent, modification or change of terms of this Agreement shall bind either Party unless in writing and signed by both Parties and all necessary approvals have been obtained. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. The failure of ODOT to enforce any provision of this Agreement shall not constitute a waiver by ODOT of that or any other provision.
9. Default: If either Party defaults by failing to perform any act required of it under this Agreement, the non-defaulting Party may exercise any legal rights or remedies available to it.
10. Dispute Resolution: The Parties shall attempt to resolve any disputes arising out of this Agreement. In addition, the Parties may agree to utilize a jointly selected mediator or arbitrator (for non-binding arbitration) to resolve the dispute short of litigation.
11. The Parties shall comply with all federal, state, and local laws, regulations, executive orders and ordinances applicable to the work under this Agreement, including, without limitation, the provisions of ORS 279C.505, 279C.515, 279C.520, 279C.530 and 279B.270 incorporated herein by reference and made a part hereof. Without limiting the generality of the foregoing, PWB expressly agrees to comply with (i) Title VI of Civil Rights Act of 1964; (ii) Title V and Section 504 of the Rehabilitation Act of 1973; (iii) the Americans with Disabilities Act of 1990 and ORS 659A.142; (iv) all regulations and administrative rules established pursuant to the foregoing laws; and (v) all other applicable requirements of federal and state civil rights and rehabilitation statutes, rules and regulations.
12. Worker's Compensation: All employers, including PWB, that employ subject workers who work under this Agreement in the State of Oregon shall comply with ORS 656.017 and provide the required Workers' Compensation coverage unless such employers are exempt under ORS 656.126. Employers Liability insurance with coverage limits of not less than \$500,000 must be included. PWB shall ensure that each of its contractors complies with these requirements.
13. Audits and Records: During the work performed under this Agreement and for a period of not less than six (6) years from the date of final payment or termination of this Agreement, whichever is later, the Parties shall maintain the records and accounts pertaining to the Waterline Project and shall make them available during normal business hours and as often as necessary, for inspection and audit by the other Party, their representatives, the State of Oregon, or Federal Government. Copies of such records shall be made available upon request at the requesting Parties cost. If any litigation, claim or audit is commenced, the records and accounts along with

supporting documentation shall be retained until any litigation, claim or audit finding has been resolved even though such litigation, claim or audit continues past the six-year retention period.

14. Calendar Days: Calendar days for this Agreement are defined as any day shown on the calendar, beginning and ending at midnight, excluding work performed on Saturday or Oregon State holidays specified in ORS 279C.540.
15. Business Days: Business days for this Agreement are defined working days (Monday – Friday) excluding holidays for either ODOT or City of Portland.
16. Amendments: This Agreement may be amended by the mutual agreement of the Parties. Such amendments or modifications shall not be binding unless put in writing and signed by persons authorized to bind each of the Parties.
17. Authorized Parties: ODOT and PWB represent to the other that (i) each has the full right, power and authority to execute this Agreement and perform their respective obligations under this Agreement, and (ii) the execution and delivery of this Agreement has been duly authorized, and no further action or approval is required to cause this Agreement to be valid, binding and enforceable against the respective Party in accordance with its terms.
18. Counterparts: This Agreement may be executed in several counterparts (facsimile or otherwise) all of which when taken together shall constitute one agreement binding on all Parties, notwithstanding that all Parties are not signatories to the same counterpart. Each copy of this Agreement so executed shall constitute an original.
19. Electronic Signatures. The Parties agree that signatures showing on PDF documents, including but not limited to PDF copies of the Agreement and amendments, submitted or exchanged via email are “Electronic Signatures” under ORS Chapter 84 and bind the signing Party and are intended to be and can be relied upon by the Parties. State reserves the right at any time to require the submission of the hard copy originals of any documents.

THE PARTIES, by execution of this Agreement, hereby acknowledge that their signing representatives have read this Agreement, understand it, and agree to be bound by its terms and conditions.

SIGNATURE PAGE TO FOLLOW

ODOT/Portland Water Bureau
Agreement No. 73000-00011633

CITY OF PORTLAND WATER BUREAU, by
and through its elected officials

By _____

Title _____

Date _____

**LEGAL REVIEW APPROVAL (If required in
PWB's process)**

By _____

PWB Legal Counsel

Date _____

PWB Contact:

Chris Chambers, Engineer II
1120 SW 5th Ave
Room 600
Portland, OR 97204
Christopher.Chambers@portlandoregon.gov

ODOT Contact:

Nicole Frankl, State Utility Liaison
ODOT – Technical Services
4040 Fairview Ind. Drive SE MS#2
Salem OR 97302
503-986-3658
UtilityandRailProgra@odot.oregon.gov

STATE OF OREGON, by and through
its Department of Transportation

By _____

Delivery and Operations Division
Administrator

Date _____

**APPROVED AS TO LEGAL
SUFFICIENCY**

By _____

Assistant Attorney General (If Over
\$150,000)

Date _____

ODOT/Portland Water Bureau
Agreement No.

Exhibit A - Conflict Letter, Matrix and Mapping (64 pages, see attachment)

ODOT/Portland Water Bureau
Agreement No. 73000-00011633

Exhibit B – Waterline Relocation Plan (26 pages, see attachment)

ODOT/Portland Water Bureau
Agreement No. 73000-00011633

Exhibit C-1 – Time Requirement Letter and Response Times (3 pages, see attachment)

EXHIBIT C-2- CONSTRUCTION RESPONSE TIMES FOR PWB CREWS

Definitions:

Reach = the segment of waterline to be constructed as shown in the plans. Reaches are a maximum of 1200 feet, but can be less than that.

Notification = notifications will be sent via email between ODOT project manager and PWB project manager or designated personnel. Response time starts once email is sent.

General Notes:

The table below identifies 3 key points of notification from ODOT to PWB for each waterline reach.

Notification applies to PWB completing one reach at a time with each notification.

PWB Work and Responsibilities per Reach

Notification per Reach	Description of Work for PWB	ODOT Responsibilities	PWB Responsibilities
1	Reach Testing and tying new reach to old reach	<p>ODOT to notify PWB 2 non-holiday business days before testing is required.</p> <p>ODOT may proceed with preliminary testing for pressure without PWB presence. Notice can be concurrent with contractor preliminary pressure testing.</p>	<p>PWB will perform official pressure test (with PWB gauges) within 2 non-holiday business days.</p> <p>PWB will provide BacT subsequent to pressure testing. Special provisions required for any weekend lab work.</p> <p>PWB to complete the BacT sampling and testing in 1 non-holiday business day for first test and within 1 non-holiday business day for second test. Must have back to back passing tests.</p> <p>After passing second successful BacT test, PWB requires 3 business days for locates, and 2 more days to respond with tie-in. (cannot use contractor locates)</p>
2	Install the meters for full reach (hot line)	ODOT to notify PWB 5 non-holiday business days before water meter installations are needed after backside plumbing is complete.	PWB to begin work within 5 non-holiday business days of notification. PWB will install meters at rate of 10 meters per non-holiday business day.
3	Waterline disconnect – full reach	After meters are transferred, ODOT to notify PWB 2 non-holiday business days for PWB to respond.	PWB to respond within 2 non-holiday business days requested. PWB crews require 1 day per connection/tie-in. Duration for disconnection dependent on number of connections.

The following considerations will be factored into the response times for PWB:

- PWB crew response times are contingent on main breaks.. Among PWB's top responsibilities is the repair of broken mains to protect water quality, life, and property. At times, such as during cold and freeze events or after a seismic or other force majeure event, the number or magnitude of water main breaks may impact the ability of PWB crews to meet response times in this exhibit. If this occurs, the PWB Project Manager will notify the ODOT Project Manager via e-mail as soon as the impact is identified. PWB and ODOT shall make all reasonable efforts to modify the Response Times as necessary to accommodate any necessary repair work in the event of a main break. PWB shall not be responsible for delays to the project that occur as a result of PWB's diversion of resources to repair a main break pursuant to this paragraph.

- PWB will only test and tie-in one reach at a time. A second reach will not be tested until the previous reach is complete.

FIRE HYDRANT WORK

Description of Work for PWB	ODOT Responsibilities	PWB Responsibilities
Install Hydrant Barrel	ODOT to notify PWB 5 non-holiday business days before the hydrant barrel needs to be installed.	PWB will begin installation of hydrant barrel with-in 5 non-holiday business day of notification. PWB will install hydrant barrels at the rate of one per non-holiday business day.

Note: For hydrant disconnects, that is covered in #3 of the Waterline Work Table

Contract Change Orders (CCOs) to waterline design during construction

1. ODOT to notify PWB within 2 business days of receiving CCO if cost share for PWB due to the CCO would be greater than \$25,000
2. PWB to review within 2 business days if cost share for PWB due to the CCO would be greater than \$25,000
3. If PWB staff or inspector is on-site while CCO is discussed, that on-site meeting serves as notification of the CCO. PWB will still need 2 business days to review the CCO.
4. If cost share to PWB of the CCO is expected to be less than \$25,000, no notification to PWB is necessary to proceed with the CCO, but ODOT will communicate these CCO's on a regular monthly basis to PWB.

Exhibit D-1 – Cost Estimate and Cost Sharing Methodology

Methodology:

Note: Final cost split can't be determined until contract is awarded and contractor unit costs applied. PWB and ODOT will establish a process regarding the interval and content for reporting and invoicing.

Costs are split into 3 categories:

- **Category 1:** All costs that are not specific to waterline work, but required to complete the waterline work such as mobilization, flagging, temp signals, construction engineering, and other items as identified in the Tables D2 and D3 at the end of Exhibit D.
- **Category 2:** Costs that are specific to waterline bid items.
- **Category 3:** Category 1 and Category 2 costs that apply to the cost share agreement between ODOT and PWB where the final waterline location is less than three feet from the curb.

I) To determine PWB's contribution to Category 1 items:

A) Cost percent: Determine percent of contract work that is Waterline Project by cost.

- a. Total cost of all waterline specific bid items including but not limited to all 1100's – Water Supply Systems, trench resurfacing, and any waterline items procured ahead of the full contract.
- b. Sum of all State Improvement Project bid items

$$\text{Cost Percent} = a/b$$

B) Length percent: Determine the percent of Waterline Project that is non-reimbursable based on relocation lengths as shown in Exhibit B.

- a. Determine the total length of waterline being relocated
- b. Determine the length of non-reimbursable waterline based on conflict analysis and ownership data

$$\text{Length Percent} = b/a$$

C) PWB percent share applied to all Category 1 items = Cost Percent x Length Percent

Example:

A) *Cost percent calculation*

State Improvement Project bid items = \$50M

Waterline Project bid items = \$5M

Cost percent share of waterline work = 5/(50) = .1 (10.0%)

B) Length percent calculation, lengths below are based on quantities at final plans:

Total waterline replacement work = 18,304 ft

Reimbursable length portion = 12,852 ft

Non – reimbursable length portion = 5,452 ft

Length Percent = 30% (5,452 ft /18,304 ft)

C) PWB’s share applied to all Category 1 items = .3 x .1 = .03 (3.0%)

NOTE – this is just an example calculation demonstrating the methodology. Actual share will be confirmed once contract is awarded.

II) To determine PWB’s contribution to Category 2 items:

- a. Each waterline related bid item that can be specifically attributed to either a reimbursable or non-reimbursable location, will show the non-reimbursable percentage of each of those bid items.
- b. PWB shall be responsible for that stated percent of the bid items on the contractor’s invoices.

Example:

In the image below, PWB would be responsible for 29.8% and 40.8% respectively, each time the contractor invoiced for these two bid items.

1100 - WATER SUPPLY SYSTEMS						Anticipated PWB Participation in this Item?	Bid Item PWB Share (quantity based)	Assumed Non-reimbursable Cost Borne by PWB
1140-0190000K	EXTRA TRENCH EXCAVATION WITH CLASS B BACKFILL	CUYD	\$ 85.00	421	\$ 35,784	Yes	29.8%	\$10,659
1140-0500000F	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 130.00	98	\$ 12,740	Yes	40.8%	\$5,200

- c. If changes are made during construction, quantities will be allocated to appropriate categories, and cost share will be rebalanced. All changes will be documented with a Construction Change Order (CCO)

III) To determine PWB’s contribution for Category 3 costs:

For Category 1 costs that apply to Category 3 costs:

- A) Cost percent: Determine percent of contract work that is Waterline Project by cost.
 - a. Total cost of all waterline specific bid items including but not limited to all 1100’s – Water Supply Systems, trench resurfacing, and any waterline items procured ahead of the full contract.
 - b. Sum of all State Improvement Project bid items

Cost Percent = a/b

B) Length percent: 46% based on table D1 below.

**Table D1: TOTAL Mainline + Side street waterline relocation lengths
 Reimbursable criteria did NOT consider offset from curb**

Total length	Total Reimbursable	Total NON - Reimbursable
18672 ft	10067 ft	8605 ft
		46%

- C) PWB percent share applied to all Category 1 items = Cost Percent x Length Percent
- D) Determine the total dollar value of PWB cost share of Category 1 items, using the awarded contractor's unit prices.
- E) Split the difference equally between ODOT and PWB for the cost determined in D) above and using the cost as determined at bid opening for Category 1 items.

For Category 2 costs that apply to Category 3 costs

Step 1: Determine the total dollar value of PWB cost share based on the percent non-reimbursable shown in Table D4 and using the awarded bid unit costs.

Step 2: Split the difference equally between ODOT and PWB for the cost determined in Step 1 above and using the cost as determined at bid opening for Category 2 items.

Exhibit D Tables:

Table D2: Category 1 and 2 Cost Share Items Between Agencies (see attachment, 3 pages)

Table D3: Anticipated Percent Share and Cost Share Between Agencies (see attachment, 5 pages)

Table D4: Category 2 Percentages that apply to Category 3 (Non-Reimbursable percent share without consideration of offset from curb) (see attachment, 3 pages)

ODOT/Portland Water Bureau
Agreement No. 73000-00011633

Exhibit E – Evidence of Ownership (see attachment, 14 pages)

Exhibit A - Conflict Letter, Matrix and Mapping



February 25, 2022

Portland Water Bureau
1120 SW 5th Avenue
Portland, OR 97204

Subject: Conflict Letter with Reimbursable Work – Revised Notice (Advance Plans)
US26 (Powell Blvd): SE 99th Avenue – East City Limits
Mt. Hood Highway
Multnomah County
Key Number: K21178

Attention: Cherri Warnke

As noted in prior correspondence, MurraySmith, Inc. has been retained by the Oregon Department of Transportation (ODOT) to provide design engineering services during the design phase of the subject project located Portland, Oregon.

PWB was previously notified of this project and of potential utility conflicts with a First Notice, dated March 15, 2021, and a Revised Notice (Preliminary Plans), dated September 3, 2021. This Revised Notice provides updated project design drawings (Advance Plans – 90% design) and incorporates information provided since the First Notice and Revised Notice.

Bids will be received for the above named project tentatively on Thursday, January 12, 2023. Facilities owned by your company conflict with the construction of this project and should be relocated or adjusted before construction begins. Please refer to the enclosed Advance design plan sheet(s) that note and highlight the conflicting facilities.

Facilities noted as “potential conflict” are assumed to be in conflict and are required to be relocated within the schedule listed below until further investigation can positively rule out the conflict. We ask your cooperation to further investigate any potential conflicts by having your company pothole the sites to determine the exact depth and horizontal location as soon as possible.

The conflicting facilities are located on both public right of way and private property. Your company will be reimbursed for the cost of relocating those facilities shown to have a compensable property right, or prior rights.

Your company must provide evidence, such as easements, fee title, “X” permit, or service agreement to verify your company’s eligibility for reimbursement. Reimbursement will be in accordance with the provisions of the Code of Federal Regulations, 23 CFR 645A, which can be viewed at the following website: www.fhwa.dot.gov/reports/utilguid/.

The list of conflicts may not be complete. Your company should review the project plans for completeness and accuracy, and contact me immediately with any errors or omissions. Timely communications and coordination is critical to keeping the project on schedule so your assistance and cooperation is greatly appreciated.

The conflicting facilities must be completely relocated or adjusted by Saturday, April 1, 2023, so as not to delay the construction of the project, unless an alternative agreement is in place. An IGA is currently in place to relocate PWB facilities as part of the project.

As stated in the First Notice, dated March 15, 2021, your company was required, in accordance with OAR 734-055-045(2), to notify us if your relocations cannot be completed by the date stated above. Your company did not provide notice by Thursday, April 15, 2021, that a revised schedule was required. The relocation schedule will be specified in the project contract documents and your company will be responsible to meet the schedule. Your company may be held responsible for any delay claims that are caused by your company's failure to meet the specified relocation schedule(s).

All reimbursable relocations must comply with 23 CFR 635.410 Buy America. If your company has any questions or concerns, or is unable to acquire materials compliant with the Buy America Program, please contact the State Utility Liaison at 503-986-3658.

PLEASE NOTE: PRELIMINARY ENGINEERING AND/OR CONSTRUCTION WORK CANNOT BEGIN UNTIL YOU RECEIVE WRITTEN AUTHORIZATION TO PROCEED FROM THE STATE UTILITY LIAISON. ANY WORK COMPLETED PRIOR TO THE AUTHORIZATION WILL NOT BE REIMBURSED.

Your company is required to complete the attached "Reimbursement Information Form" (RIF), provide written evidence of property right, provide a detailed cost estimate for preliminary engineering and later for construction and construction engineering, and sign the utility agreement that will be provided once the above information is provided. You will receive a written "Notice to Proceed" only after all documentation has been submitted.

The completed RIF, written evidence of a property right, and detailed cost estimate may be sent via mail, electronically or by fax to:

ATTN: Devin Montgomery
888 SW 5th Avenue, Suite 1170
Portland, OR 97204
devin.montgomery@murraysmith.us

For questions regarding this notification and its requirements, please call me at 503-225-9010.

Sincerely,



Devin Montgomery, PE, Utility Coordinator

Attachments: Reimbursement Information Form
Utility Conflict List (Advance Plans)
Utility Conflict Analysis Mapping (Advance Plans), Sheets A01-C31C

CC: Tammy Saldivar, ODOT Region 1 Utility Specialist
Jennifer Bachman, ODOT Project Manager
Justin Brandon, ODOT Region 1 Utility Specialist
James Bailey, ODOT Permit Specialist
Chris Aguon, ODOT Construction Project Manager
April Siebenaler, HDR Project Manager
Brendan LeBlanc, HDR Project Engineer
Gwen Montgomery, Murraysmith Project Engineer
Andrew Giesy, Murraysmith Utility Coordination Task Lead
Ryan Mace, PBOT Utility Permits
Paul Woerrlein, HDR Water Task Lead

INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
A01	Title Sheet
A02 & A03	Index Of Sheets Cont. & Std. Dwg. Nos.
A04	Std. Dwg. Nos. Cont.
A05	Plan Sheet Layout
A06 thru A13	Survey Control Data

STATE OF OREGON
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED PROJECT

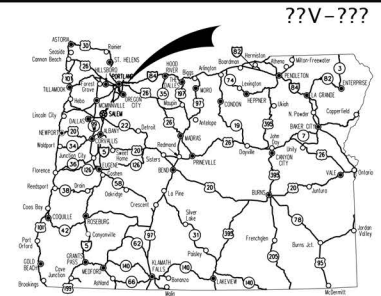
GRADING, PAVING, DRAINAGE, STRUCTURES, SIGNALS,
ILLUMINATION, SIGNING, AND ROADSIDE DEVELOPMENT

US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.

MT. HOOD HIGHWAY

MULTNOMAH COUNTY
JANUARY 2023

ADVANCE COPY
SUBJECT TO CHANGE



Overall Length Of Project - XX.XX Miles

ATTENTION:
Oregon Law Requires You To Follow Rules Adopted
By The Oregon Utility Notification Center.
Those Rules Are Set Forth In OAR 952-001-0001
Through OAR 952-001-0090.
You May Obtain Copies Of The Rules By Calling
The Center (Note: The Telephone Number For
The Oregon Utility Notification Center Is
(503) 232-1987).

LET'S ALL
WORK TOGETHER
TO MAKE THIS
JOB SAFE

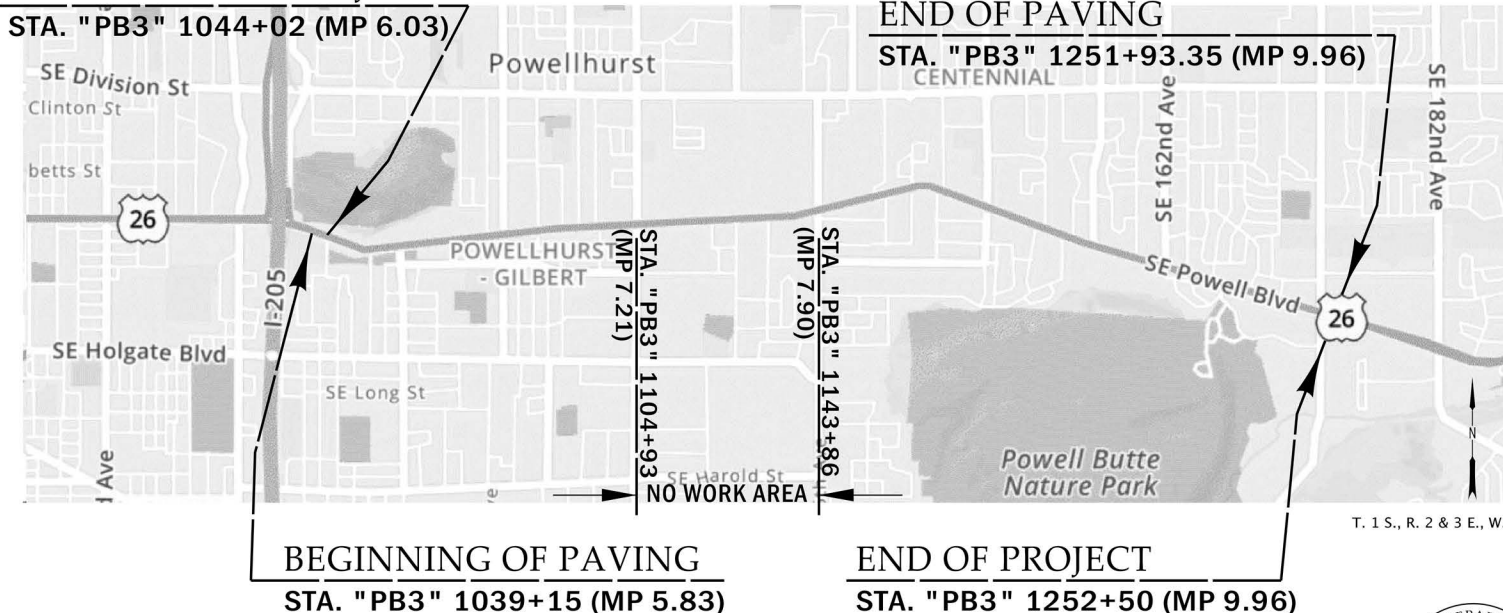


BEGINNING OF PROJECT

STA. "PB3" 1044+02 (MP 6.03)

END OF PAVING

STA. "PB3" 1251+93.35 (MP 9.96)



BEGINNING OF PAVING

STA. "PB3" 1039+15 (MP 5.83)

END OF PROJECT

STA. "PB3" 1252+50 (MP 9.96)

T. 1 S., R. 2 & 3 E., W.M.

**ADVANCE PLANS (90% DESIGN) CONFLICT MAP:
WATER - PORTLAND WATER BUREAU**

DATE: FEBRUARY 2022
BY: DEVIN MONTGOMERY, PE, MURRAYSMITH
REV'D BY: ANDREW GIESY, PE, MURRAYSMITH



OREGON TRANSPORTATION COMMISSION

Robert Van Brocklin	CHAIR
Alando Simpson	VICE CHAIR
Marclynn Burke	COMMISSIONER
Julie Brown	COMMISSIONER
Sharon Smith	COMMISSIONER
Kristopher W. Strickler	DIRECTOR OF TRANSPORTATION

These plans were developed using ODOT design standards. Exceptions to these standards, if any, have been submitted and approved by the ODOT Chief Engineer or their delegated authority.

Approving Authority: _____
Signature & date

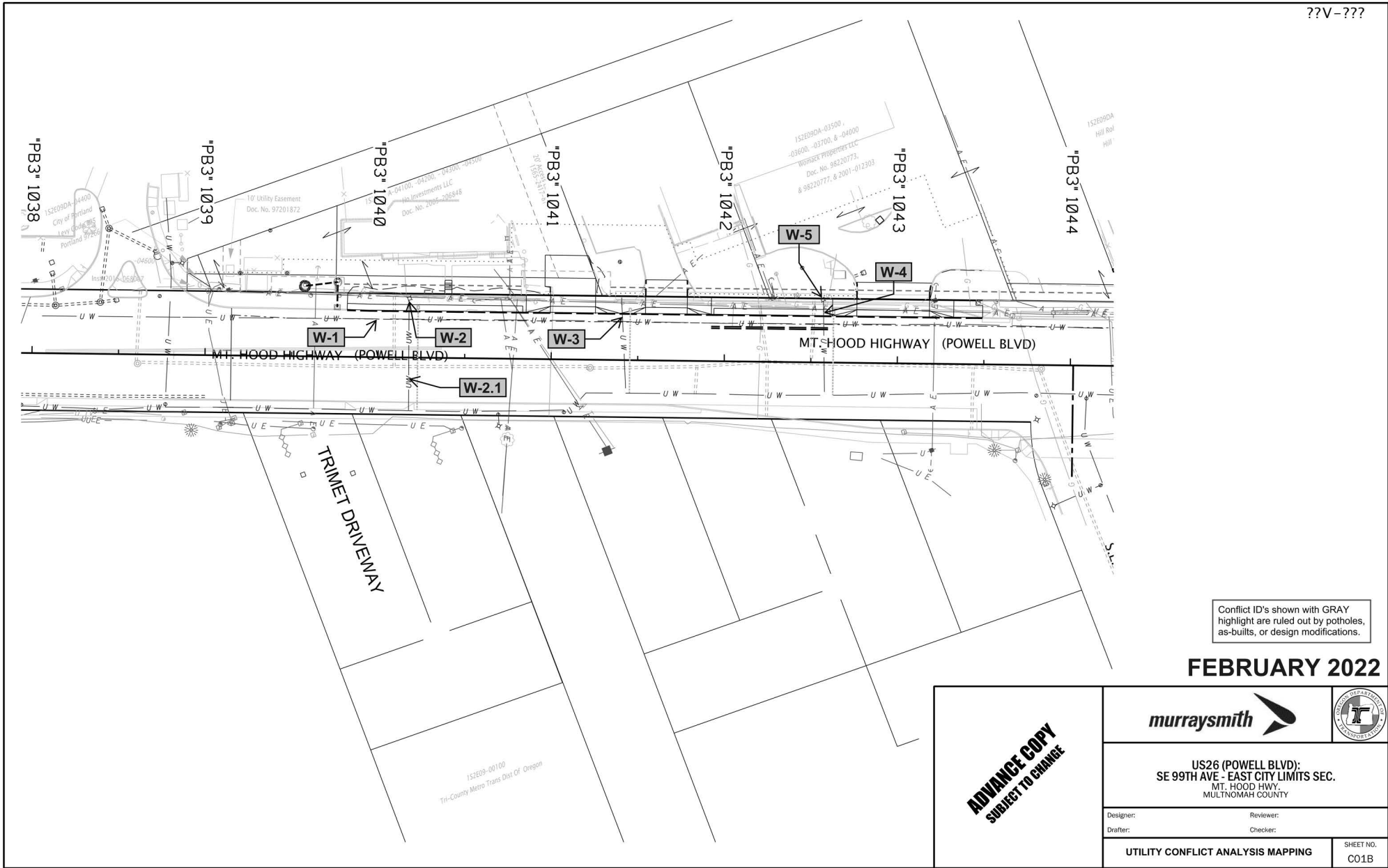
Print name and title

Concurrence by ODOT Chief Engineer

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.**
MT. HOOD HWY
MULTNOMAH COUNTY



FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER	SHEET NO.
OREGON DIVISION	S026(130)	A01

??V-???

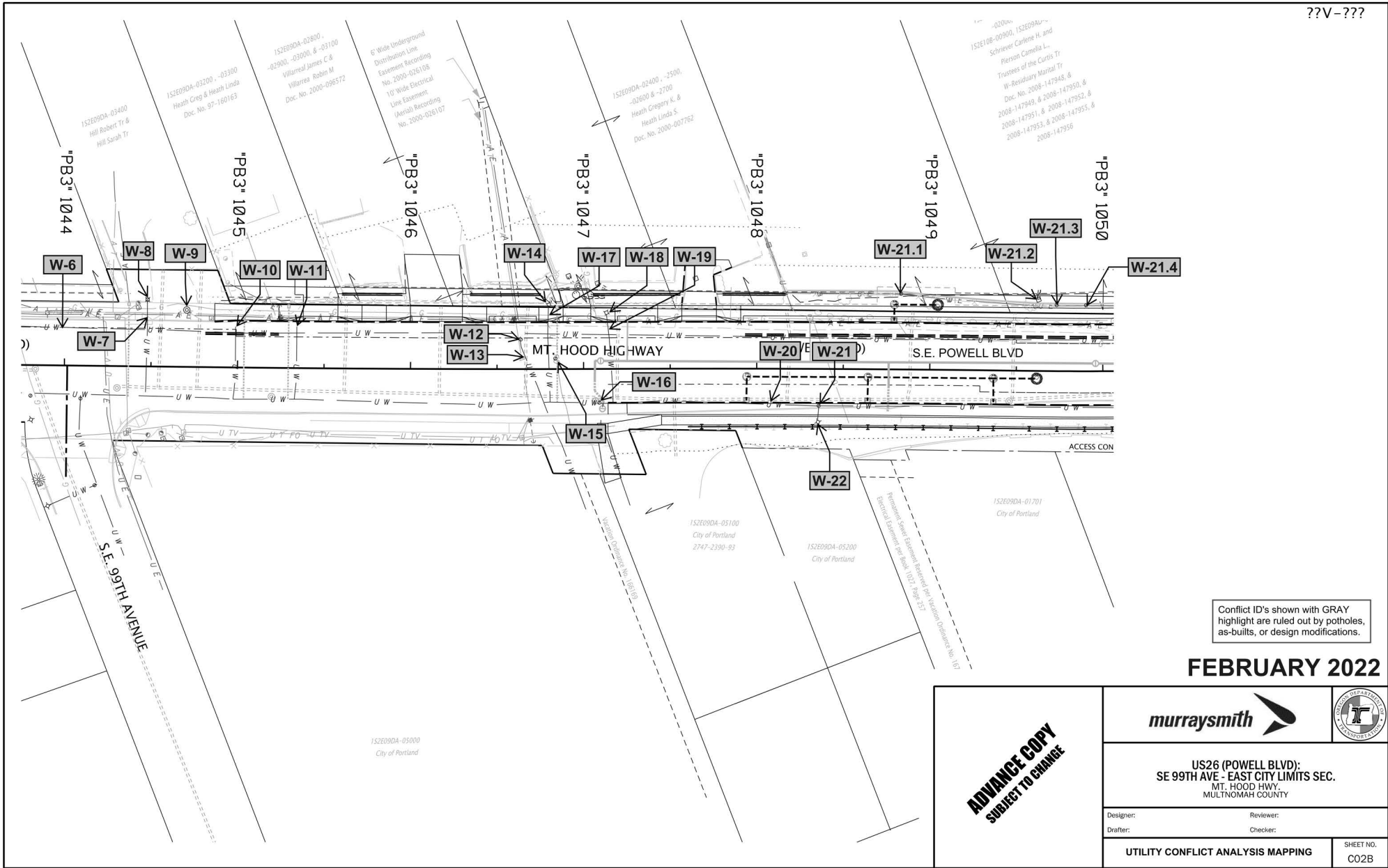


FEBRUARY 2022

Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C01B

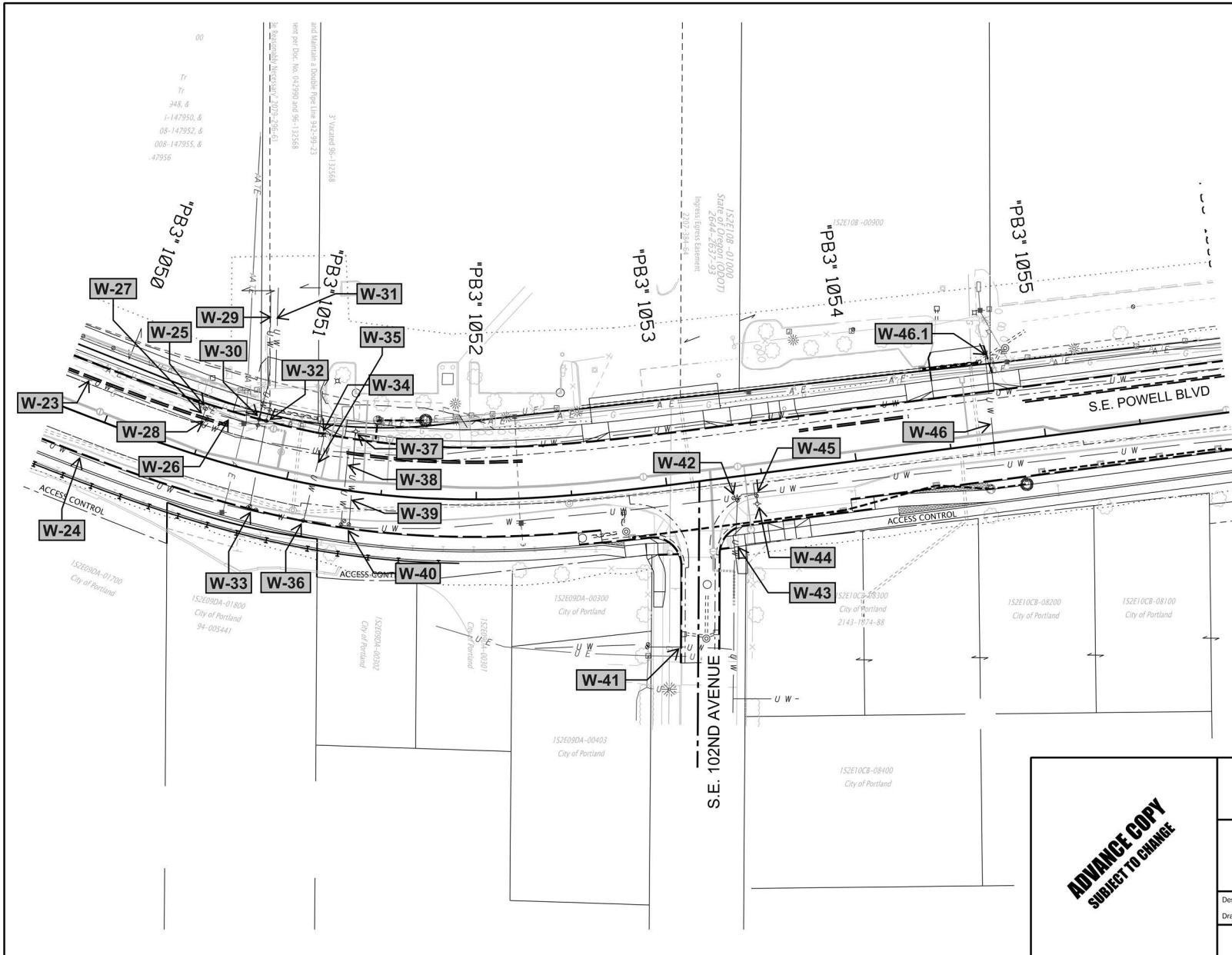
??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

<p>ADVANCE COPY SUBJECT TO CHANGE</p>		
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY</p>	
	<p>Designer: _____ Drafter: _____</p>	<p>Reviewer: _____ Checker: _____</p>



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

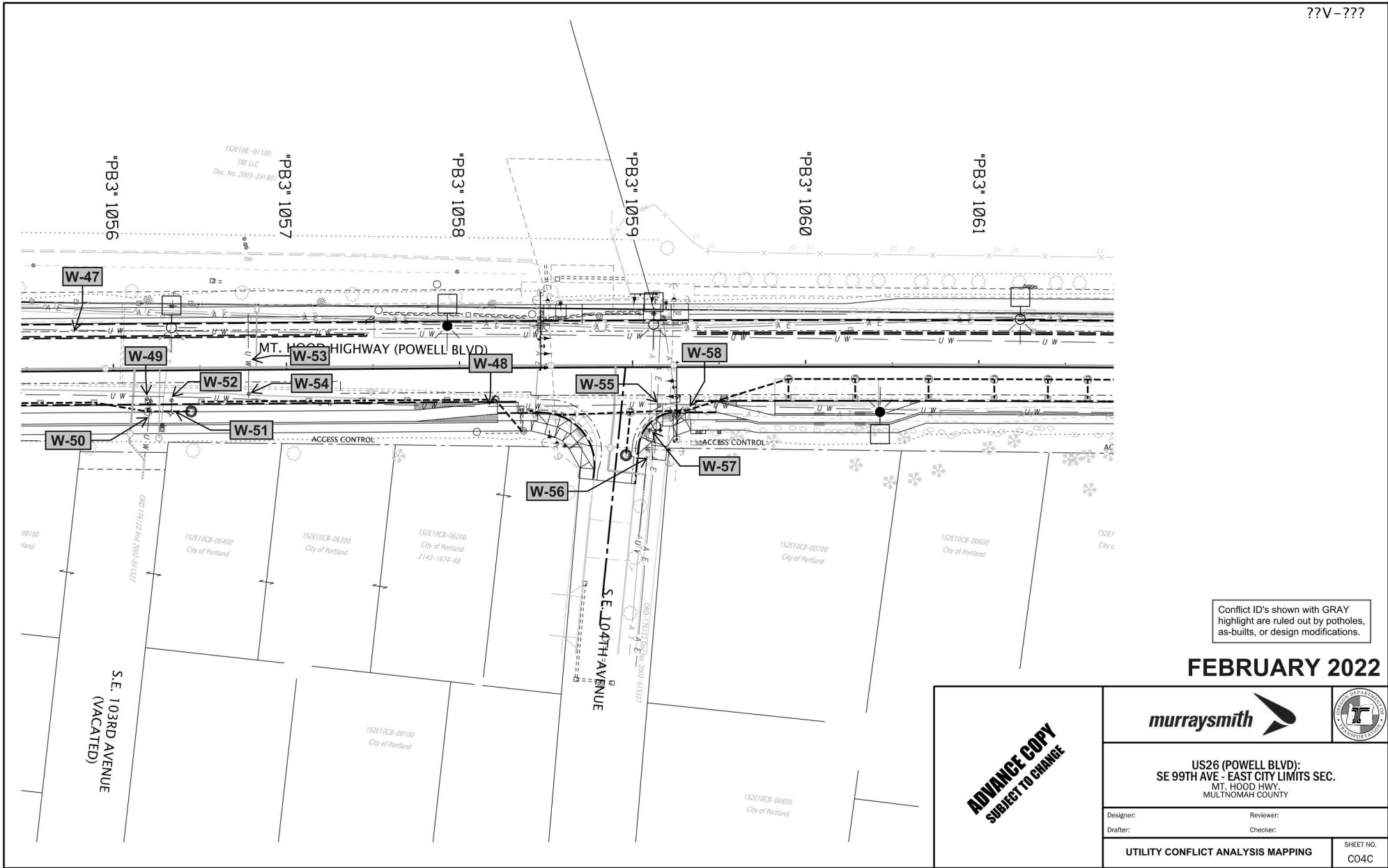
**ADVANCE COPY
SUBJECT TO CHANGE**



**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY,
MULTNOMAH COUNTY**

Designer: _____ Reviewer: _____
 Drafter: _____ Checker: _____

UTILITY CONFLICT ANALYSIS MAPPING SHEET NO. C03C



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

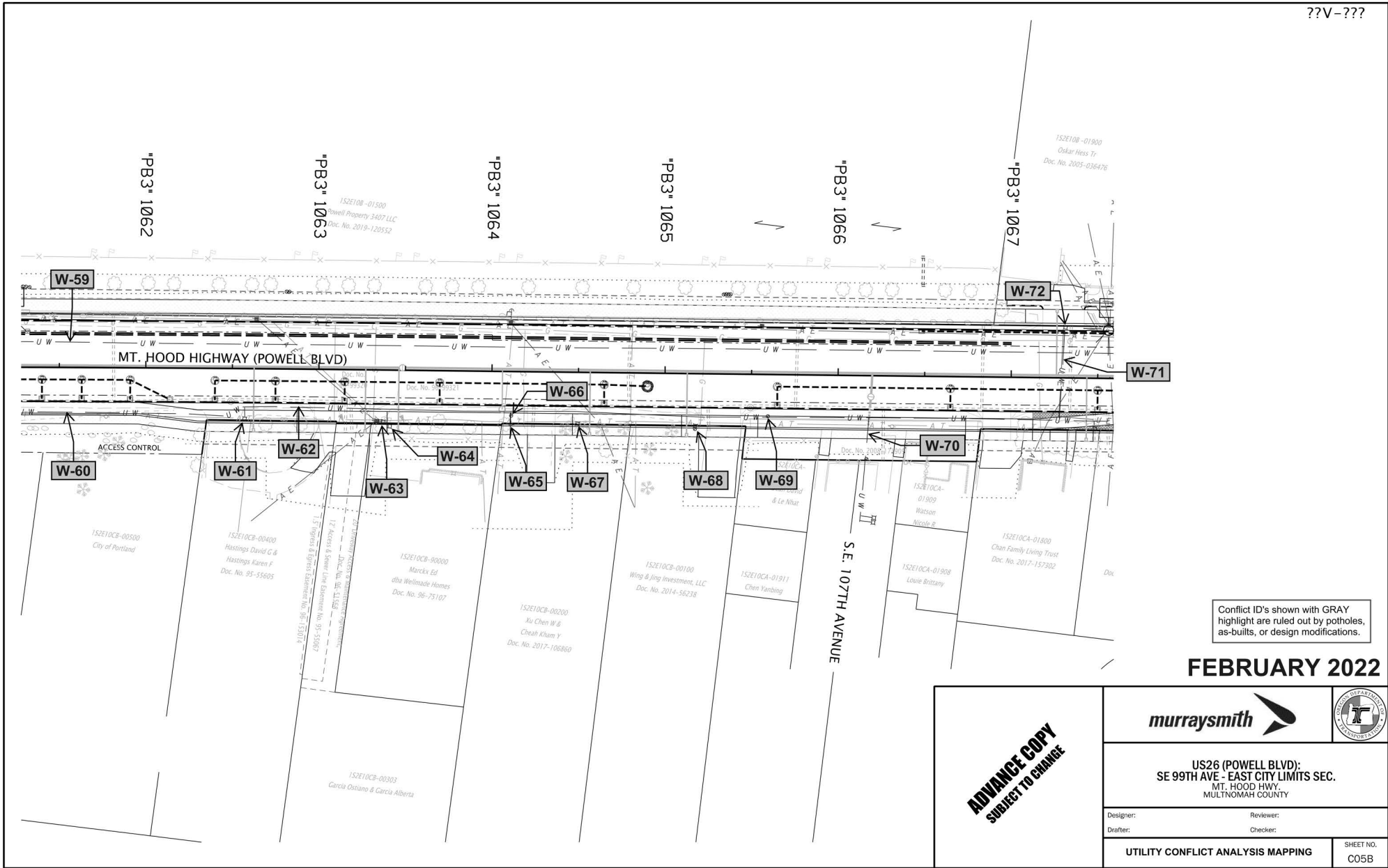
**ADVANCE COPY
SUBJECT TO CHANGE**



**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY,
MULTNOMAH COUNTY**



Designer:	Reviewer:
Drafter:	Checker:

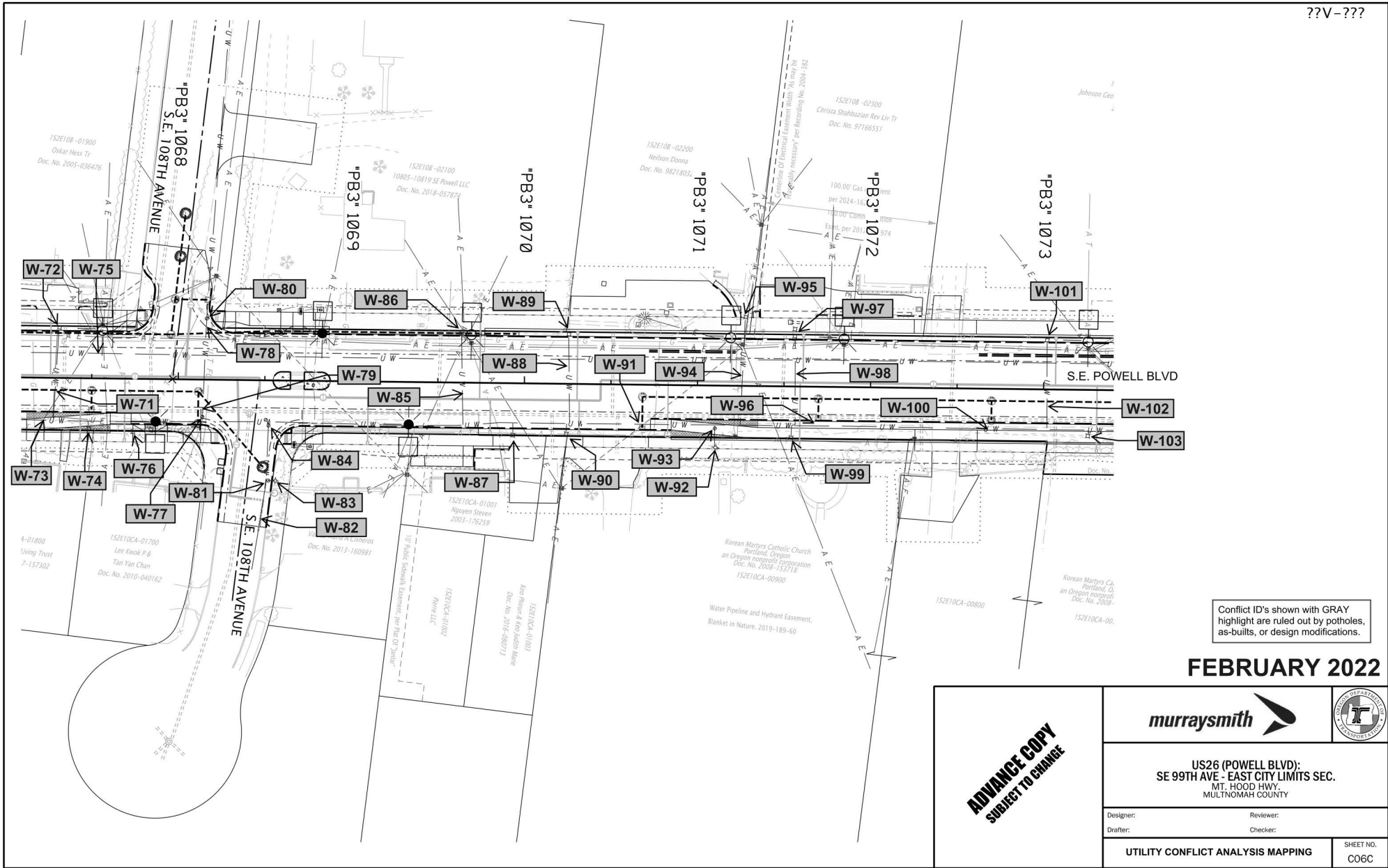
UTILITY CONFLICT ANALYSIS MAPPING	SHEET NO. C04C
--	-------------------



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

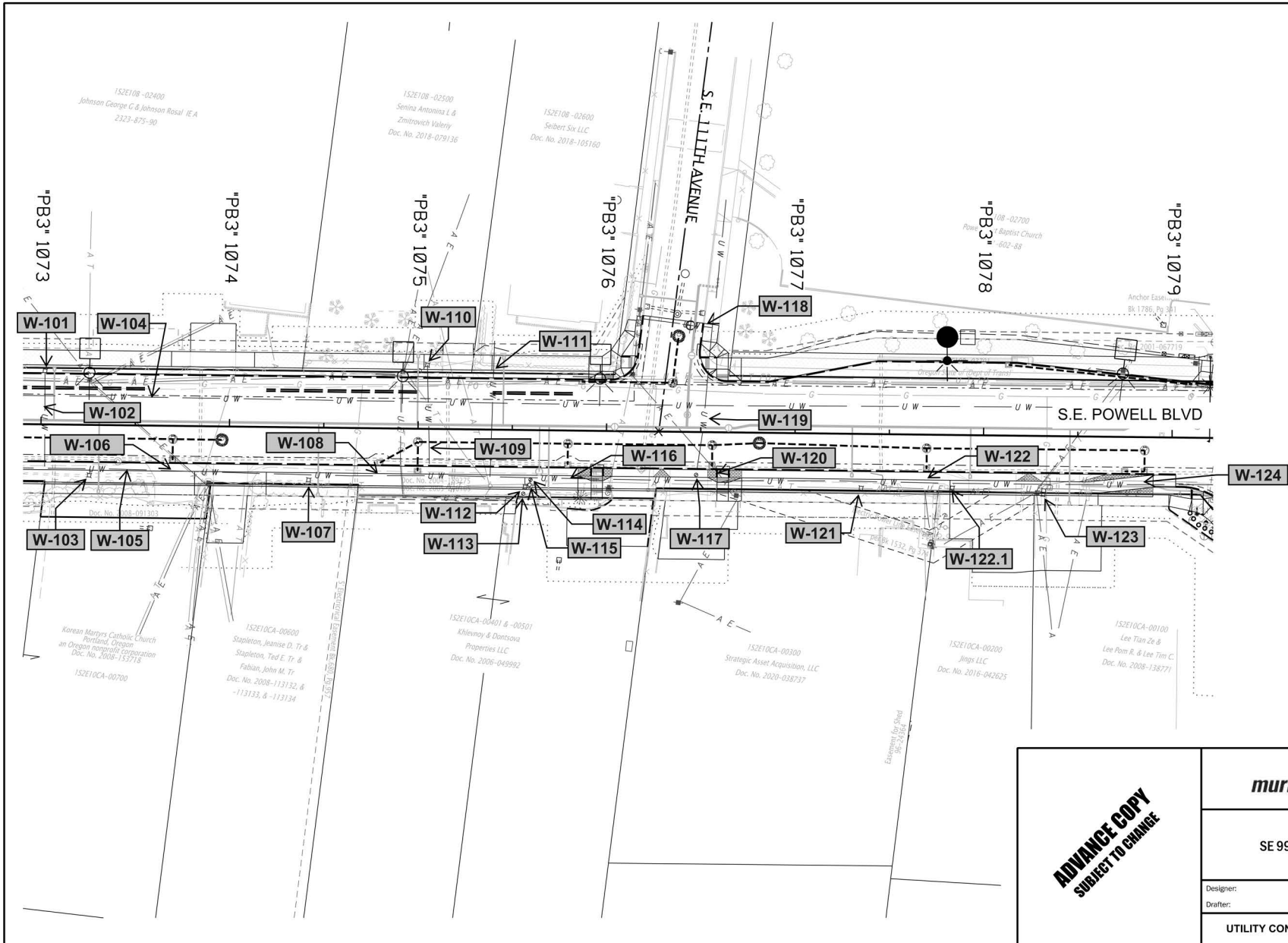
<p>ADVANCE COPY SUBJECT TO CHANGE</p>		
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY</p>	
	<p>Designer: _____ Drafter: _____</p>	<p>Reviewer: _____ Checker: _____</p>



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

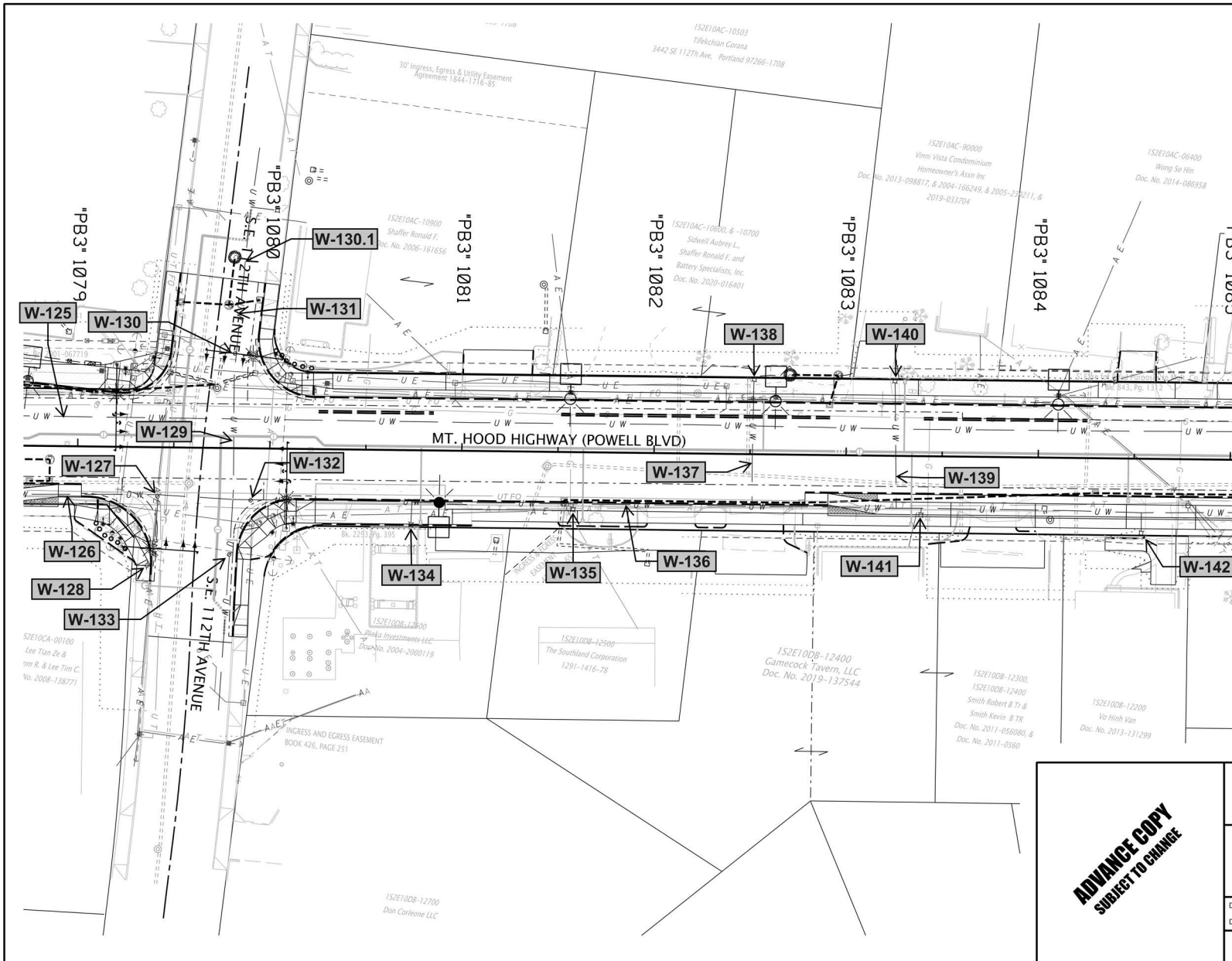
ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C06C



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022


<p>ADVANCE COPY SUBJECT TO CHANGE</p>		
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY</p>	
	<p>Designer: _____ Drafter: _____</p>	<p>Reviewer: _____ Checker: _____</p>



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022


ADVANCE COPY
SUBJECT TO CHANGE

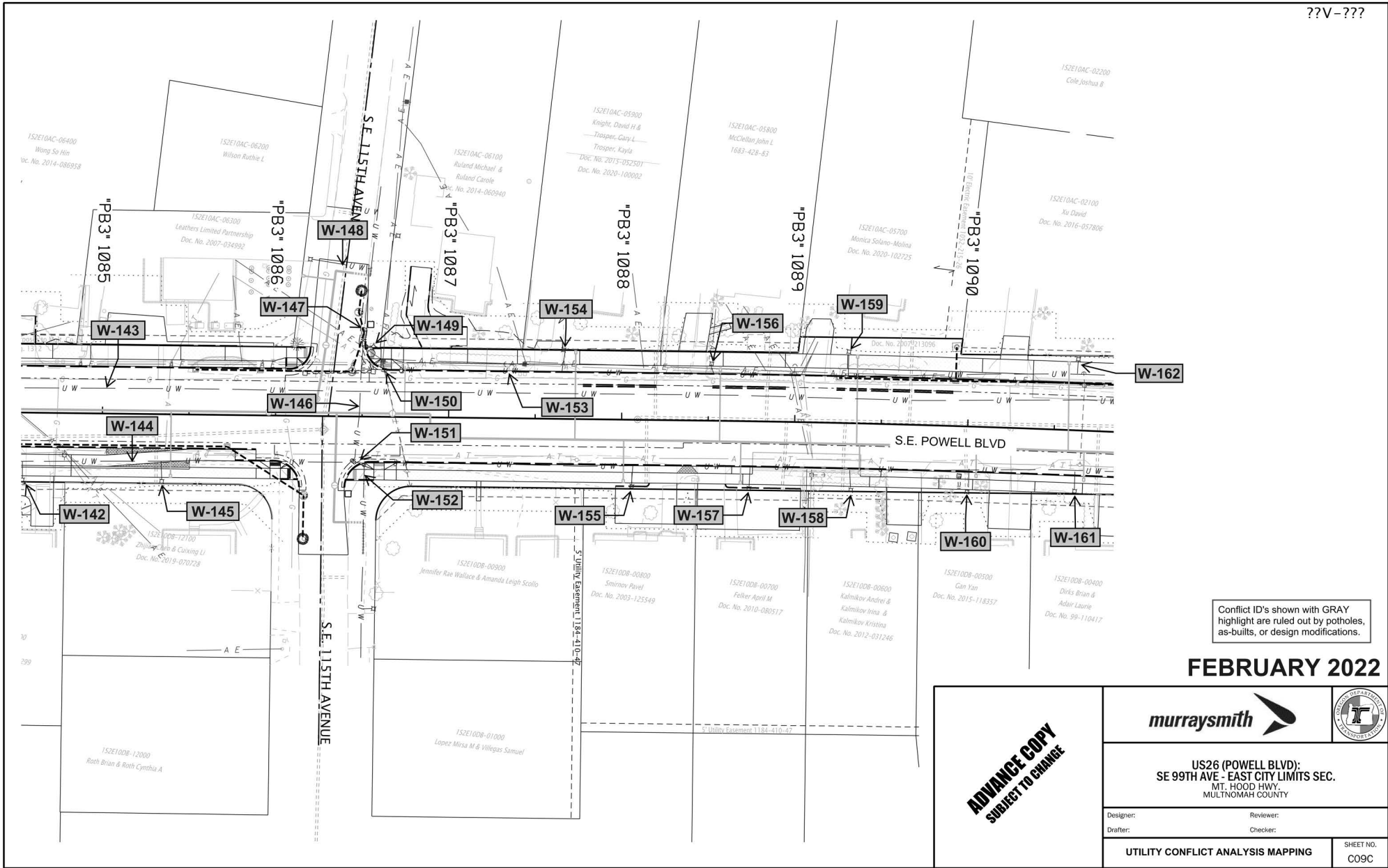


**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY,
MULTNOMAH COUNTY**

Designer:	Reviewer:
Drafter:	Checker:
UTILITY CONFLICT ANALYSIS MAPPING	



SHEET NO.
C08C



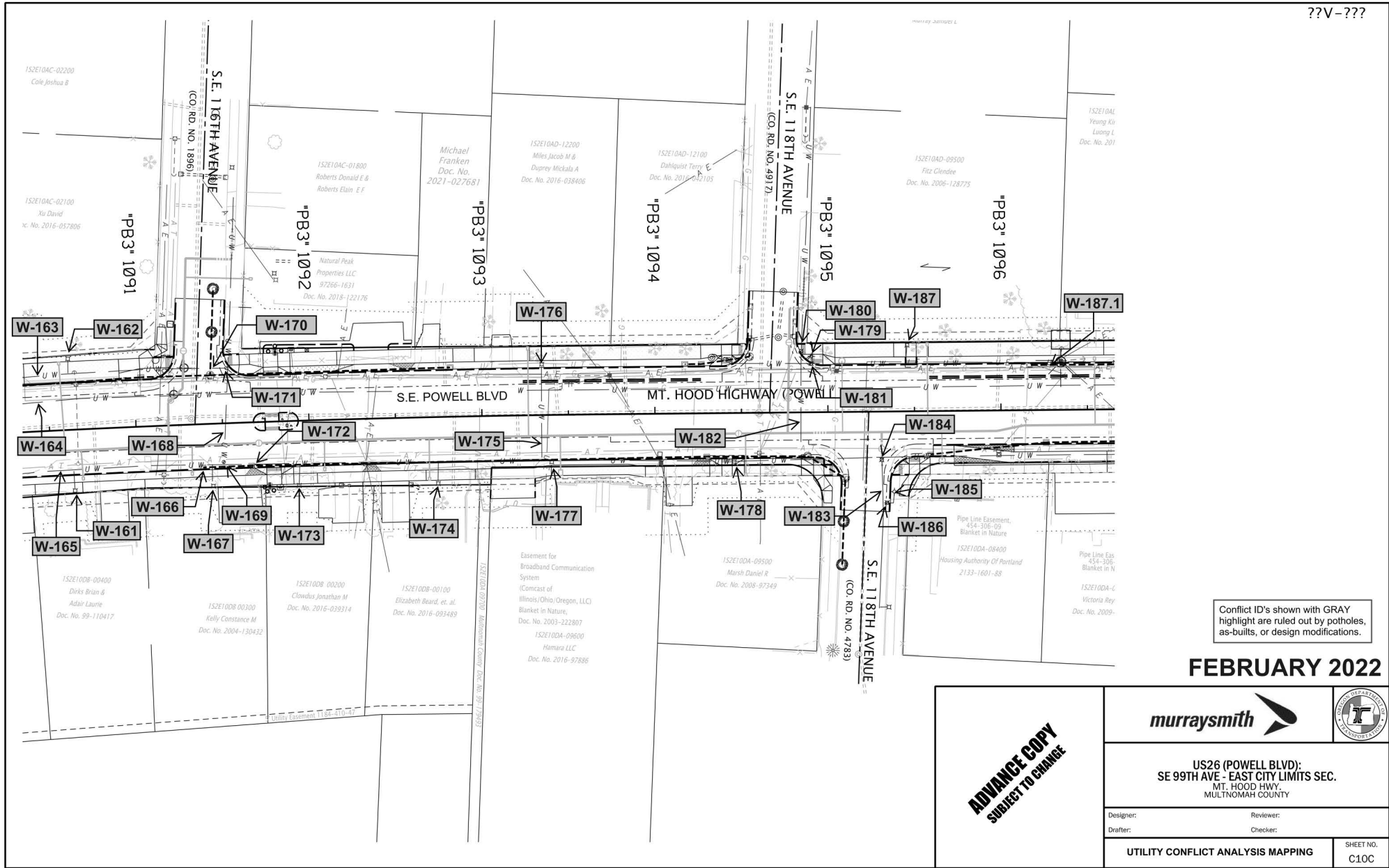


Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

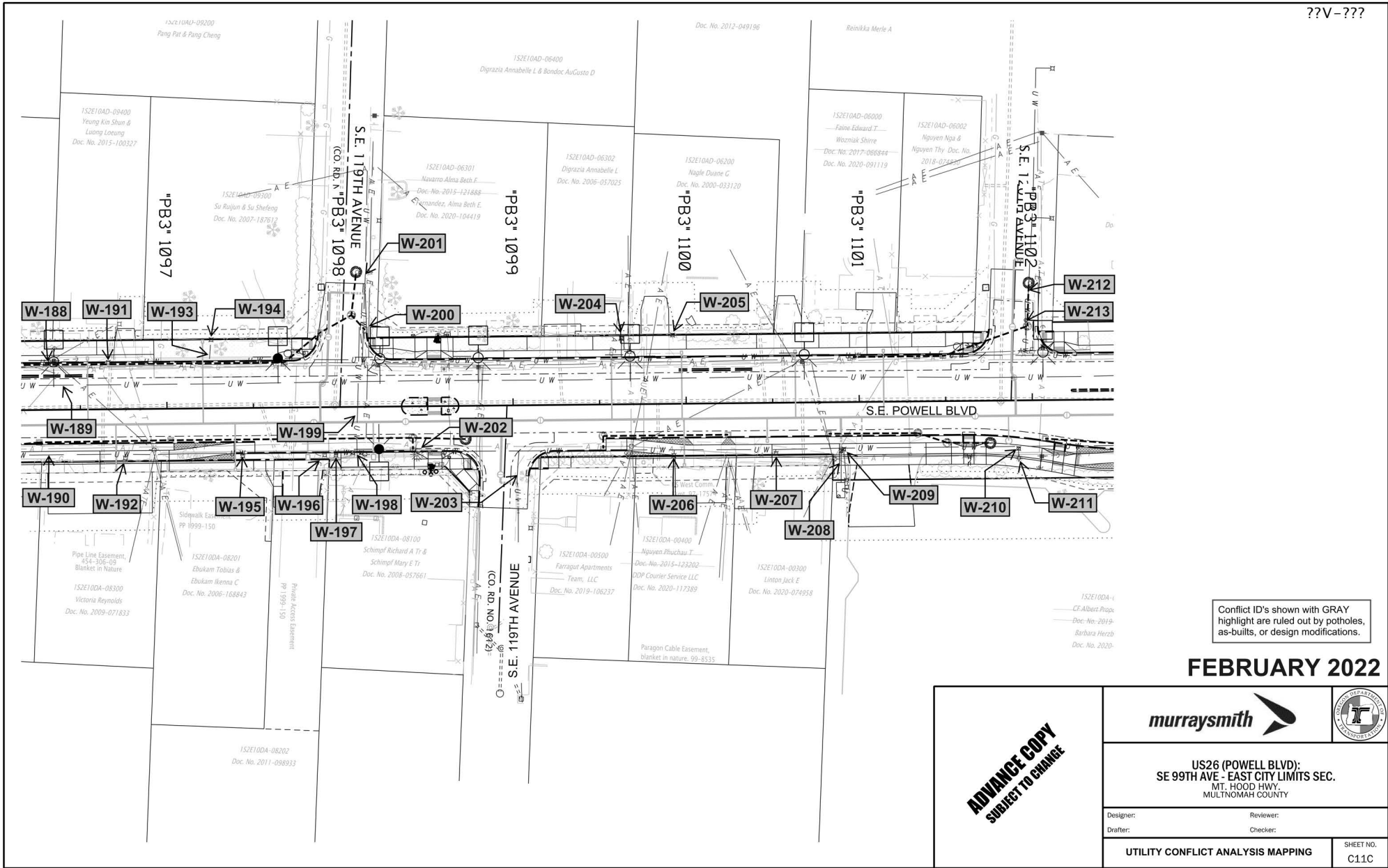
ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C09C

??V-???





FEBRUARY 2022

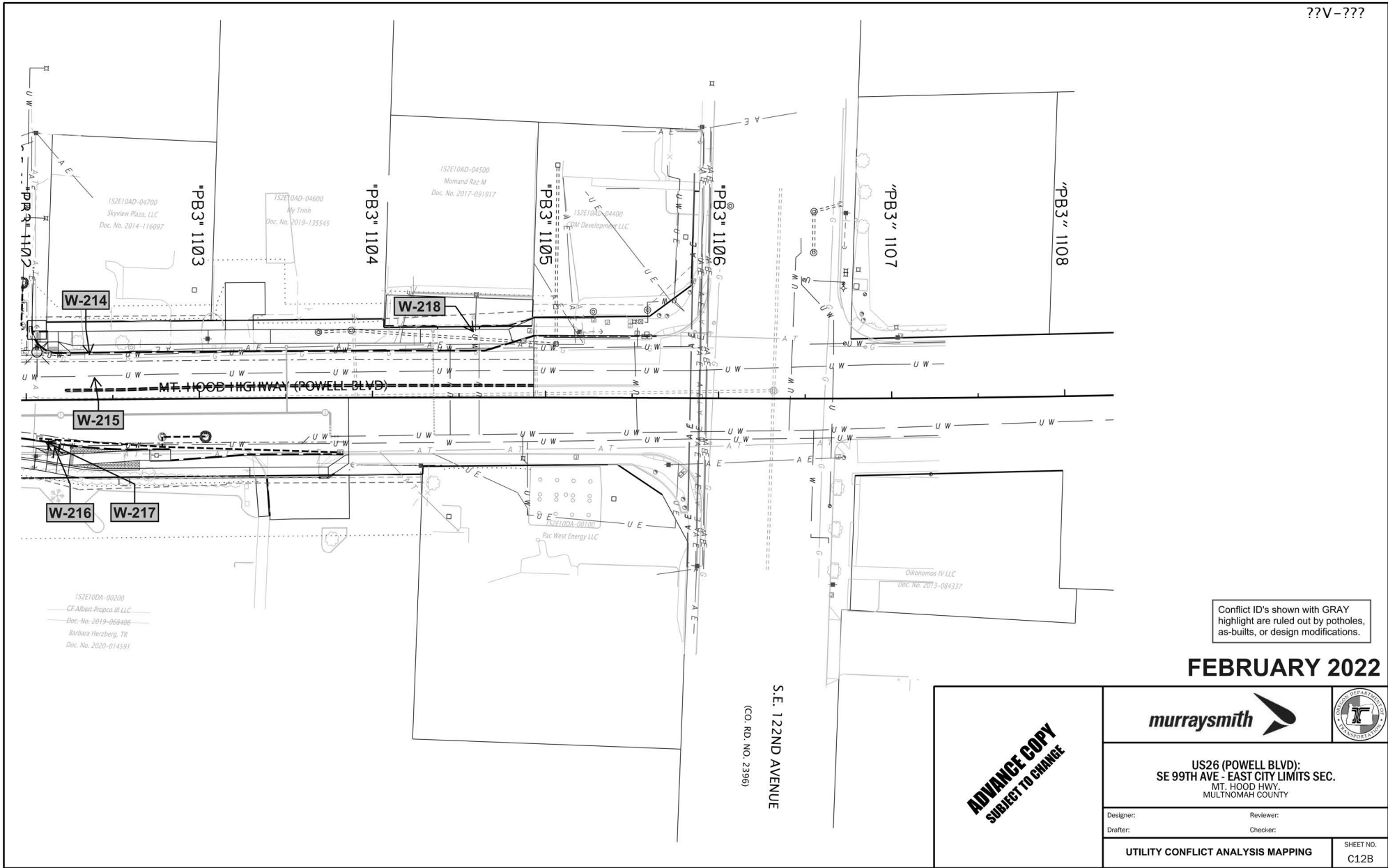
ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C10C



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C11C

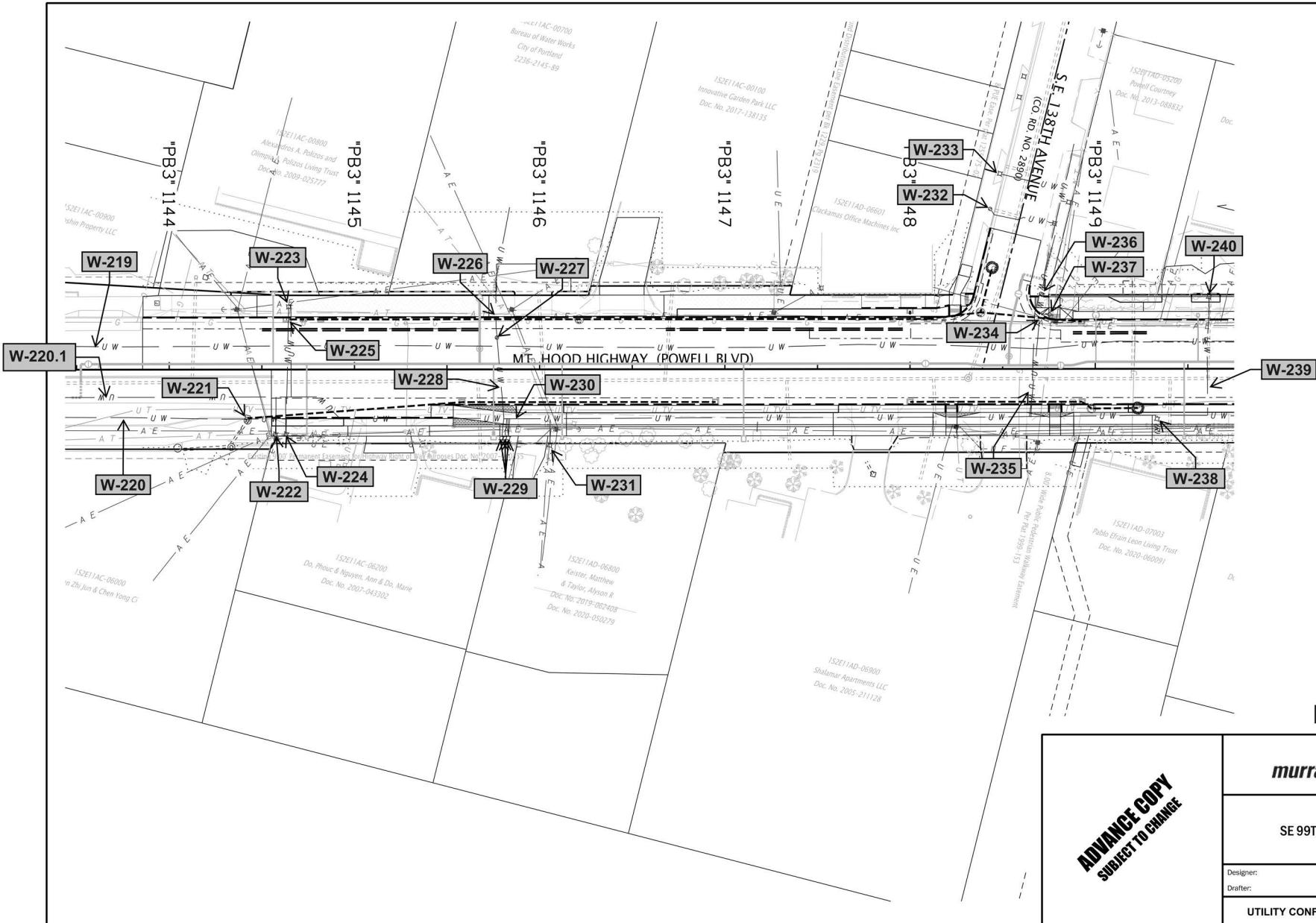


Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022



<p>ADVANCE COPY SUBJECT TO CHANGE</p>	 			
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY</p>			
	<table border="1" style="width: 100%;"> <tr> <td style="font-size: small;">Designer:</td> <td style="font-size: small;">Reviewer:</td> </tr> <tr> <td style="font-size: small;">Drafter:</td> <td style="font-size: small;">Checker:</td> </tr> </table>	Designer:	Reviewer:	Drafter:
Designer:	Reviewer:			
Drafter:	Checker:			
<p>UTILITY CONFLICT ANALYSIS MAPPING</p>				
<p>SHEET NO. C12B</p>				

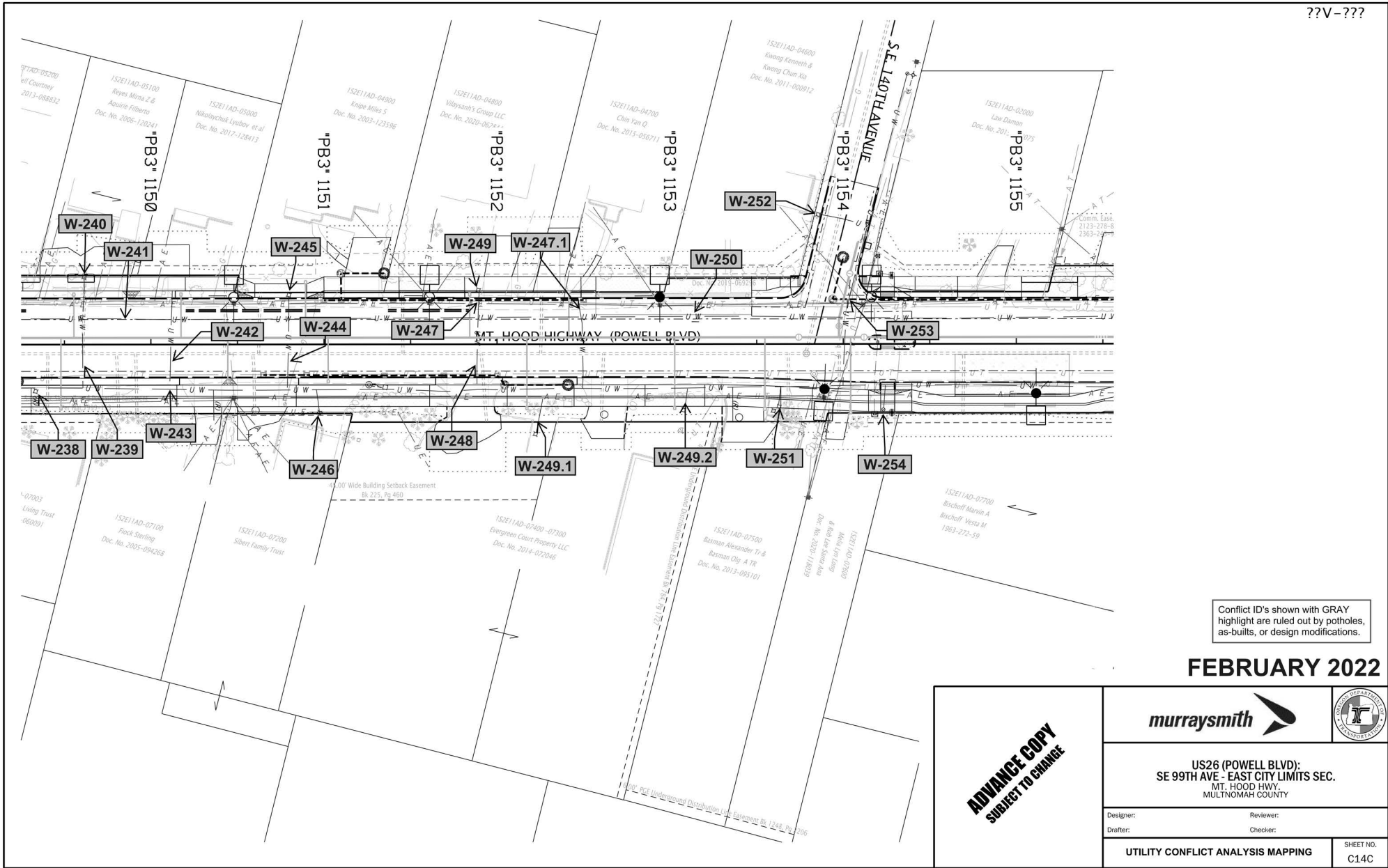
??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

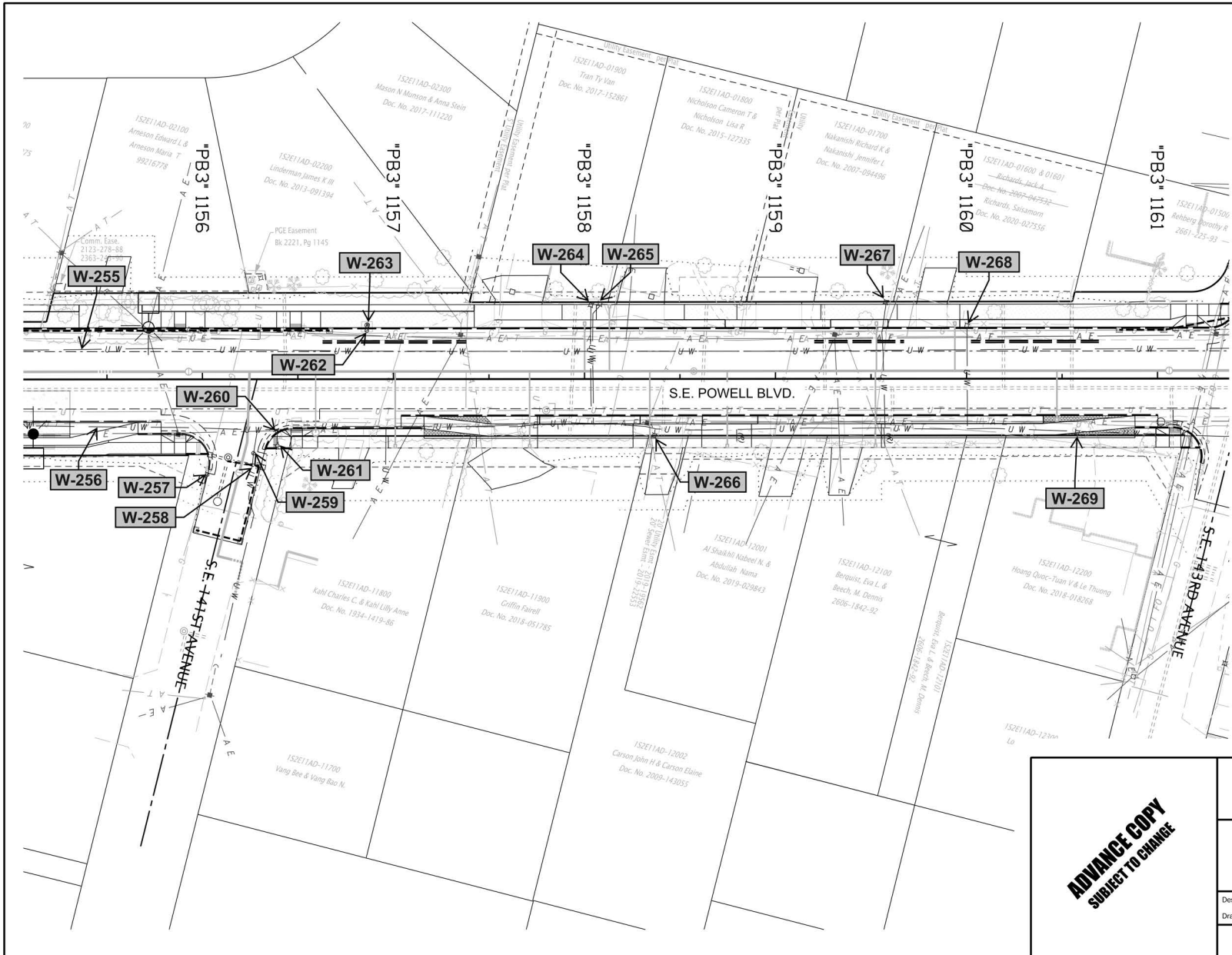
ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C13B



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C14C



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

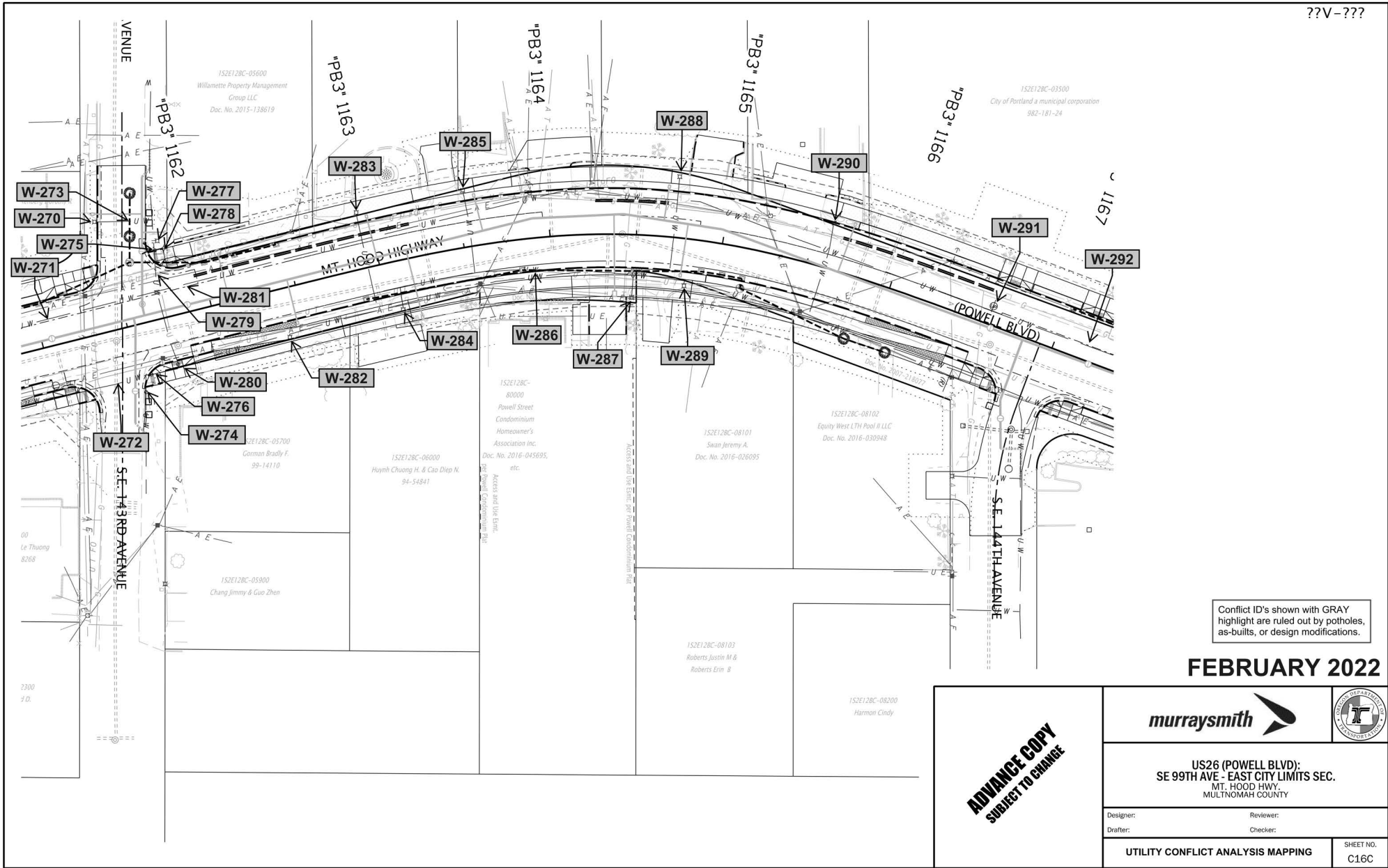
**ADVANCE COPY
SUBJECT TO CHANGE**



**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

Designer: _____ Reviewer: _____
 Drafter: _____ Checker: _____

UTILITY CONFLICT ANALYSIS MAPPING SHEET NO. C15C



FEBRUARY 2022

**ADVANCE COPY
SUBJECT TO CHANGE**

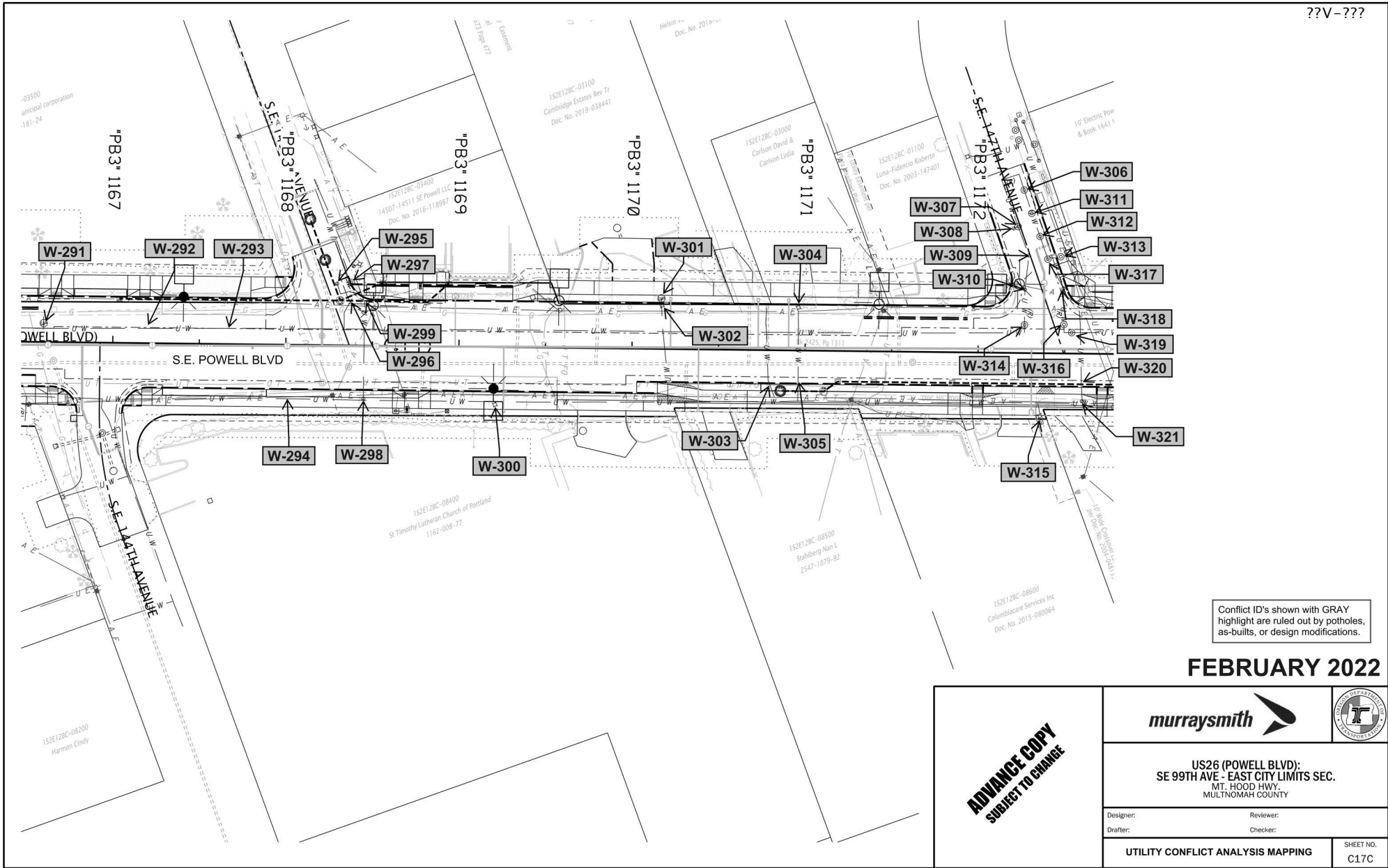


**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY,
MULTNOMAH COUNTY**

Designer: _____ Reviewer: _____
 Drafter: _____ Checker: _____



UTILITY CONFLICT ANALYSIS MAPPING SHEET NO. C16C

??V-???

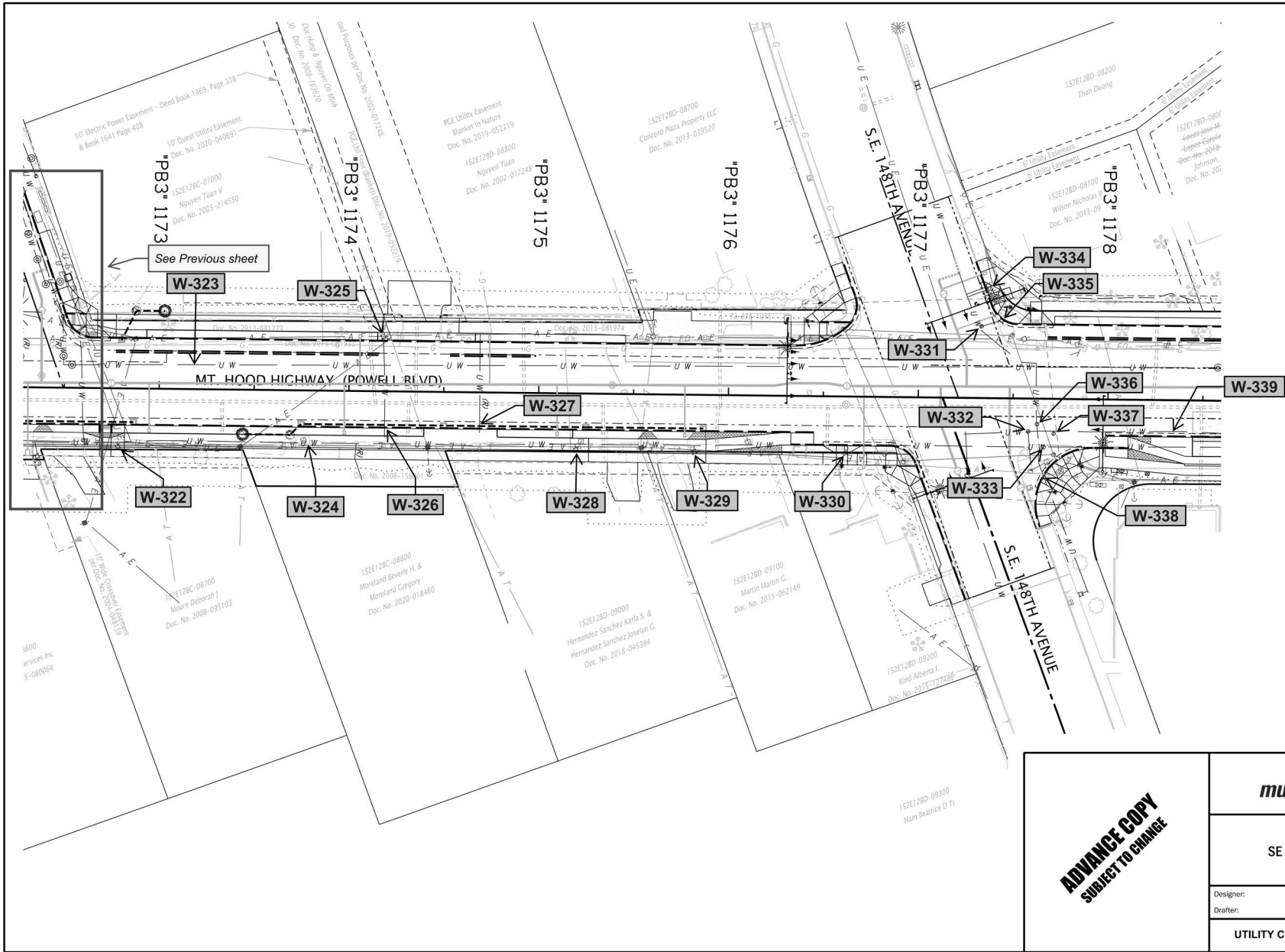


Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022



<p>ADVANCE COPY SUBJECT TO CHANGE</p>	 	
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY</p>	
	<p>Designer: _____ Drafter: _____</p>	<p>Reviewer: _____ Checker: _____</p>
<p>UTILITY CONFLICT ANALYSIS MAPPING</p>		<p>SHEET NO. C17C</p>

??V-???

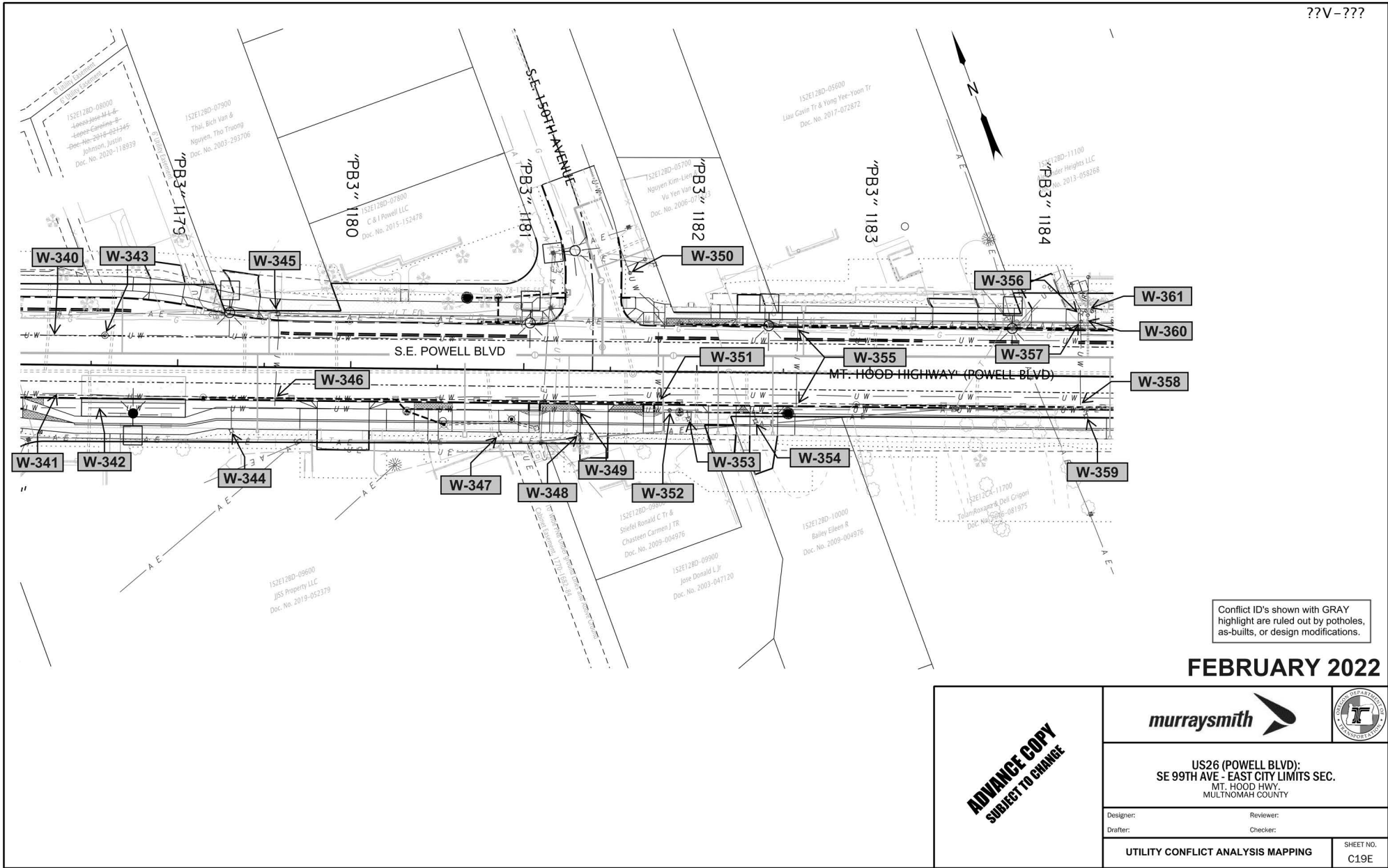


Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022



ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C18C

??V-???



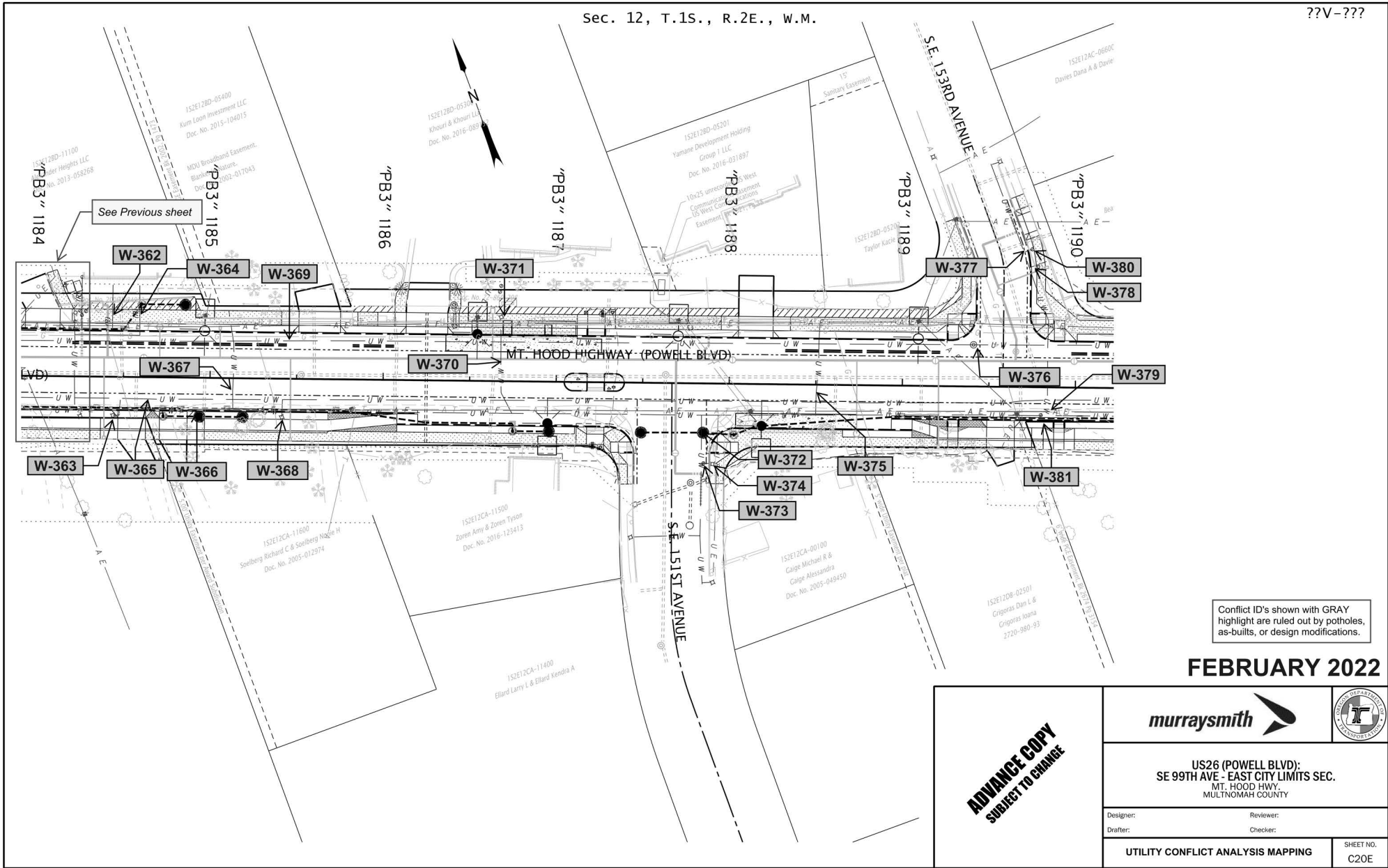
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C19E



Sec. 12, T.1S., R.2E., W.M.

??V-???



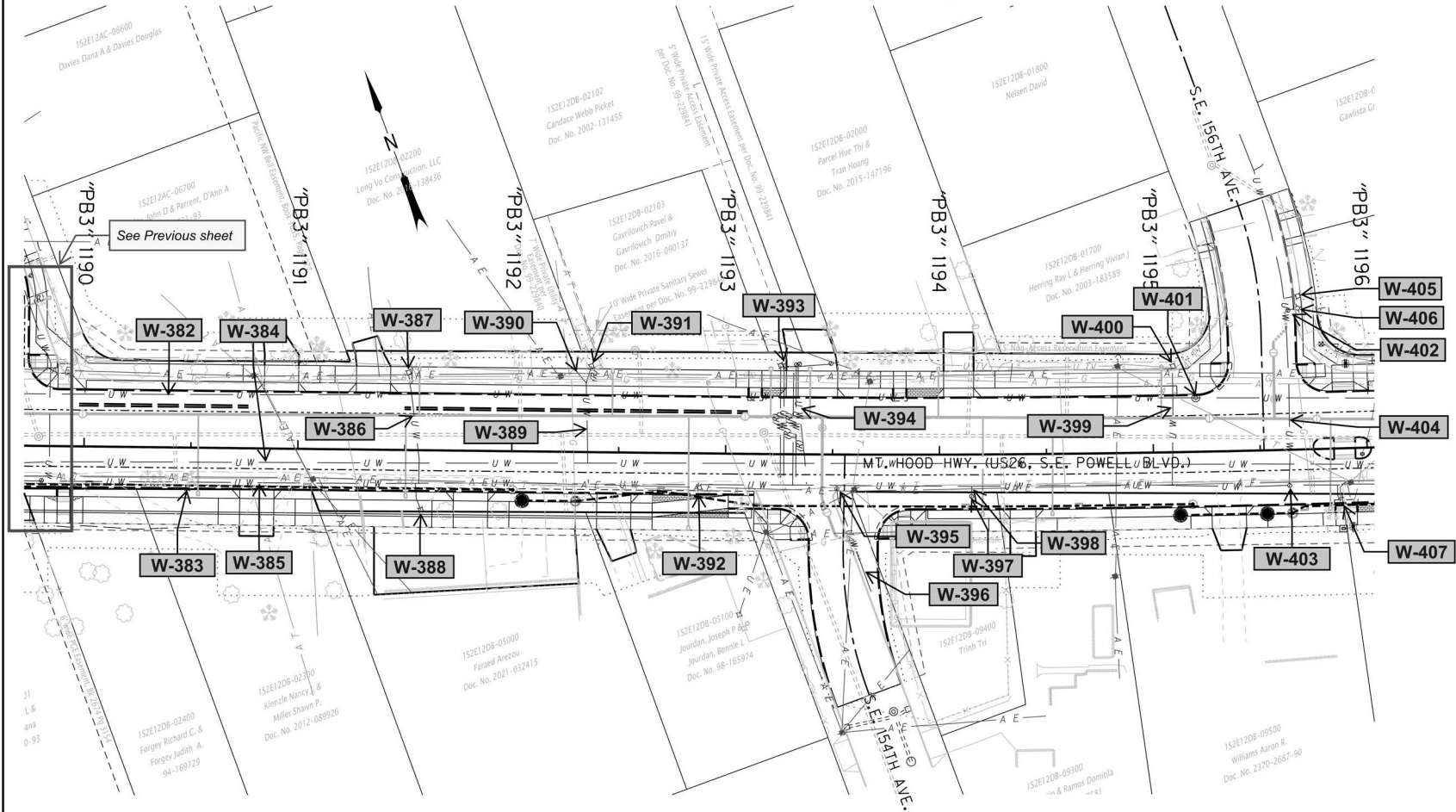
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C20E

Sec. 12, T.1S., R.2E., W.M.

??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

**ADVANCE COPY
SUBJECT TO CHANGE**



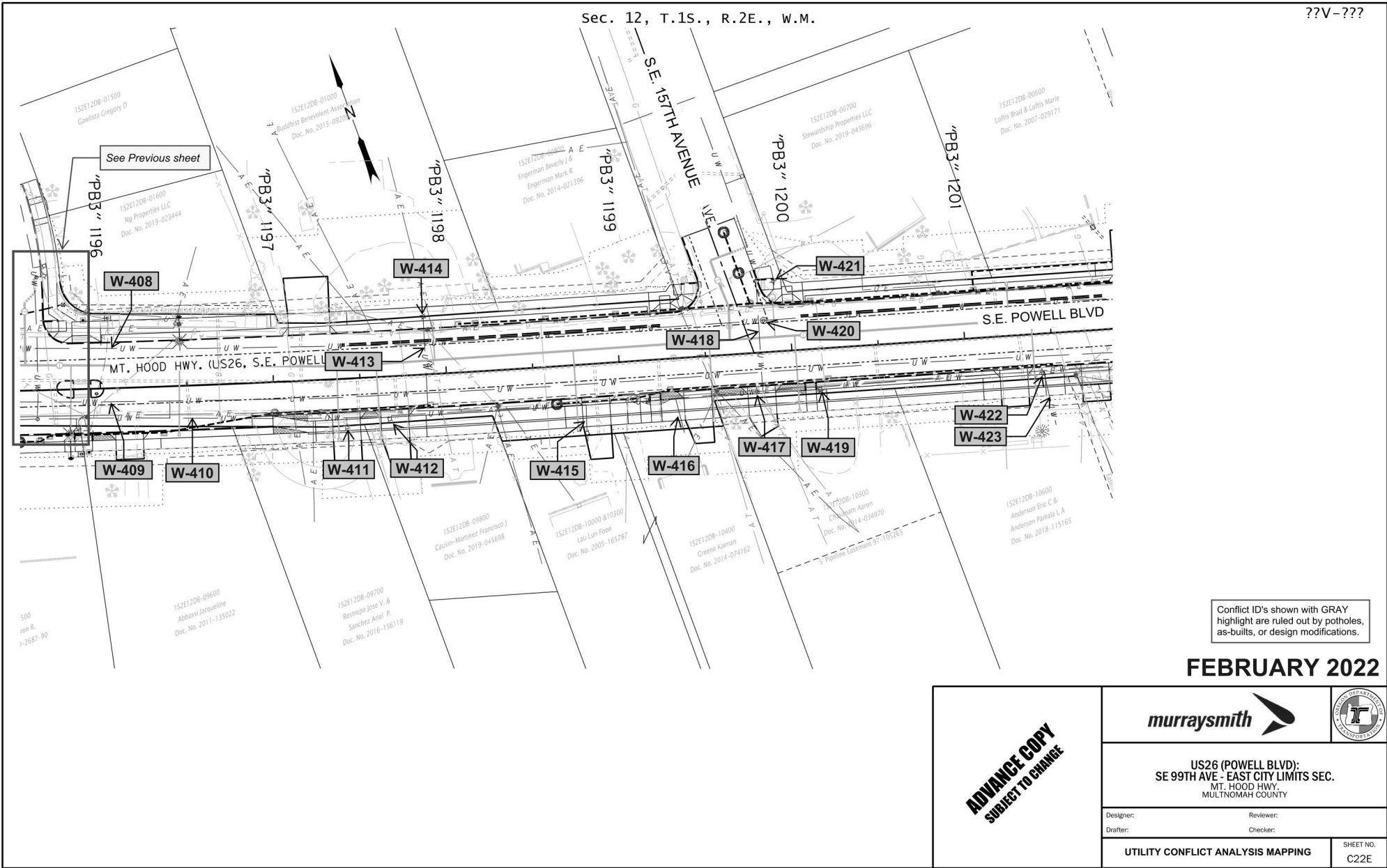
US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY

Designer: Reviewer:
Drafter: Checker:

UTILITY CONFLICT ANALYSIS MAPPING SHEET NO. C21E



Sec. 12, T.1S., R.2E., W.M.

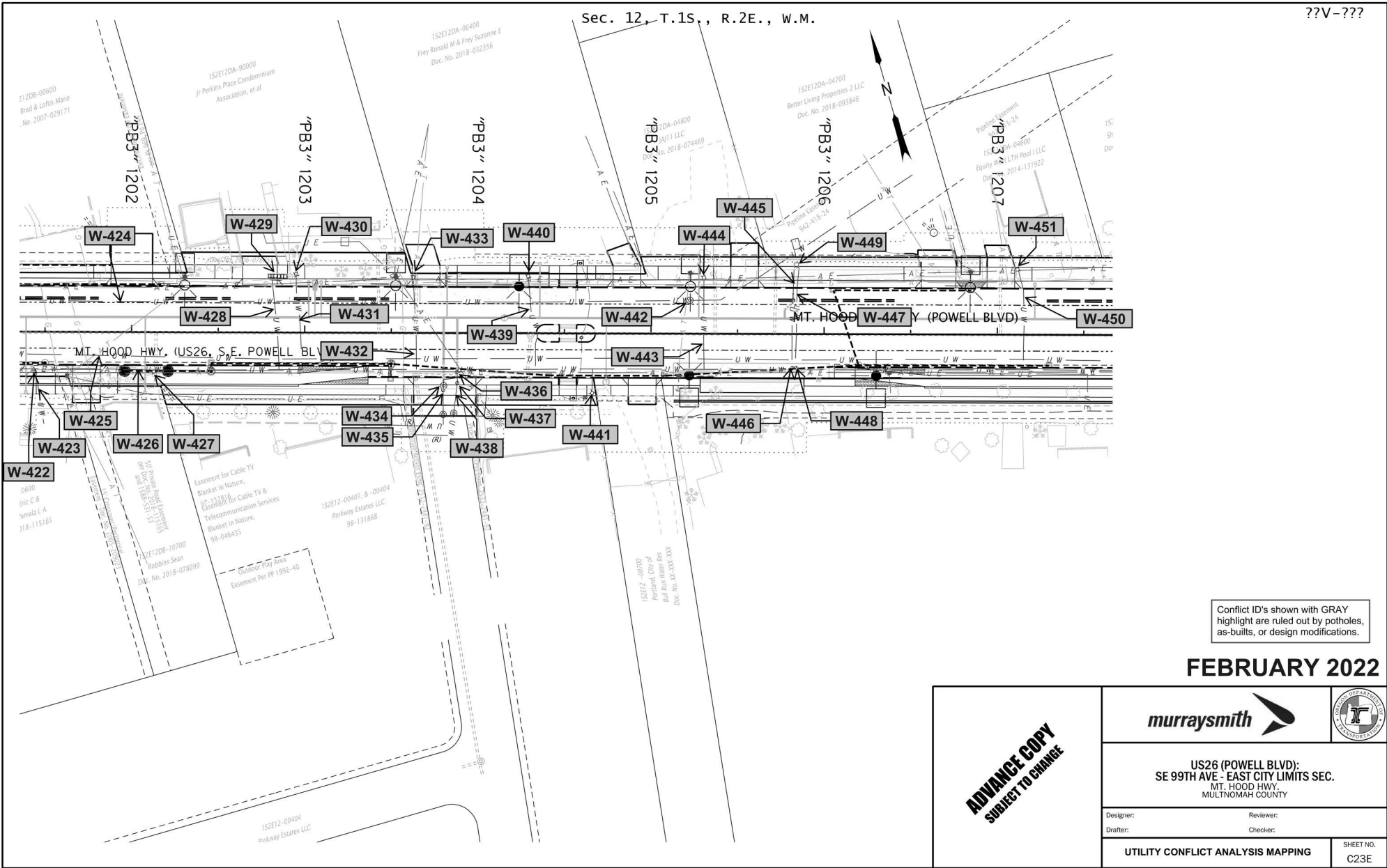
??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C22E



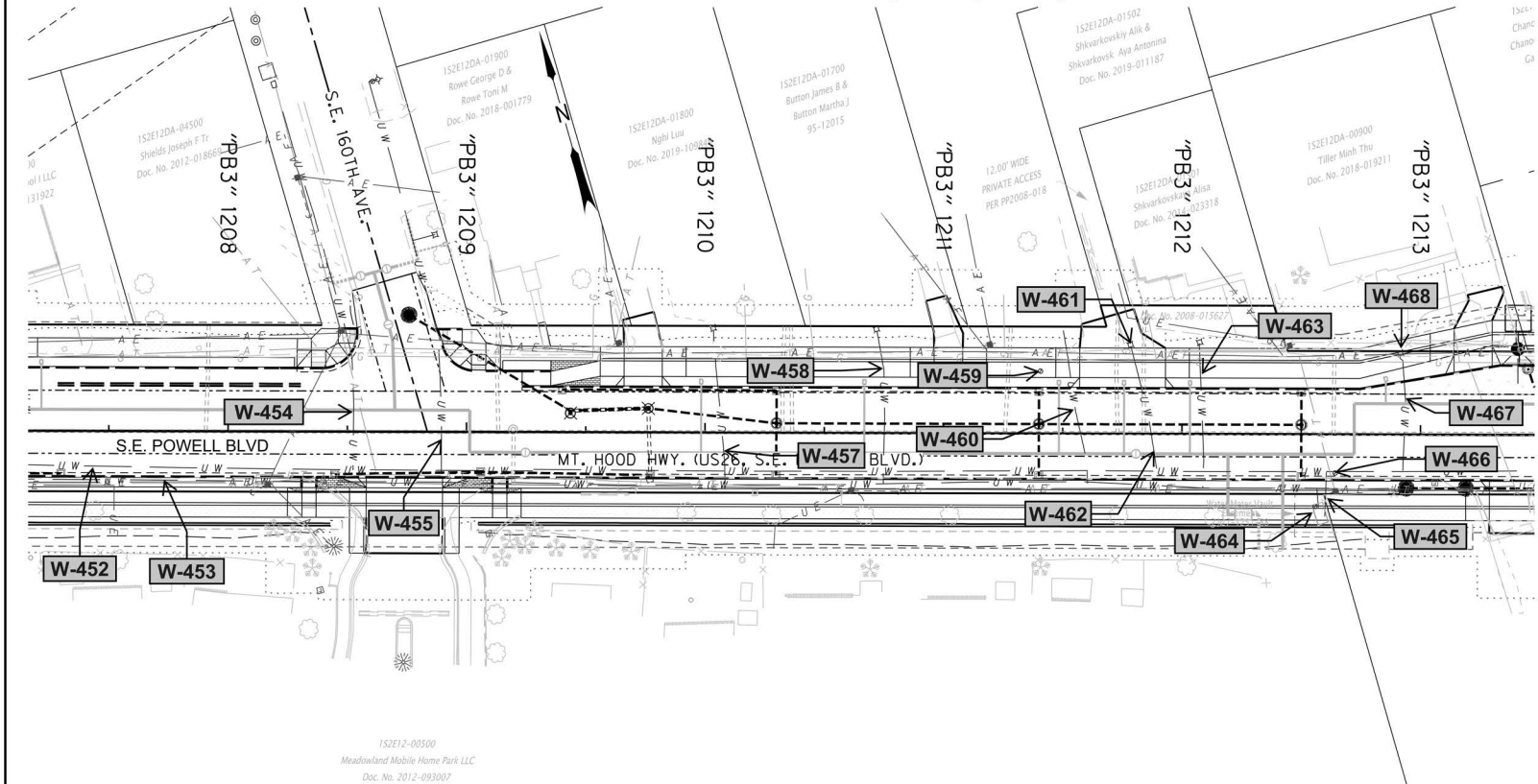
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C23E



Sec. 12, T.1S., R.2E., W.M.

??V-???



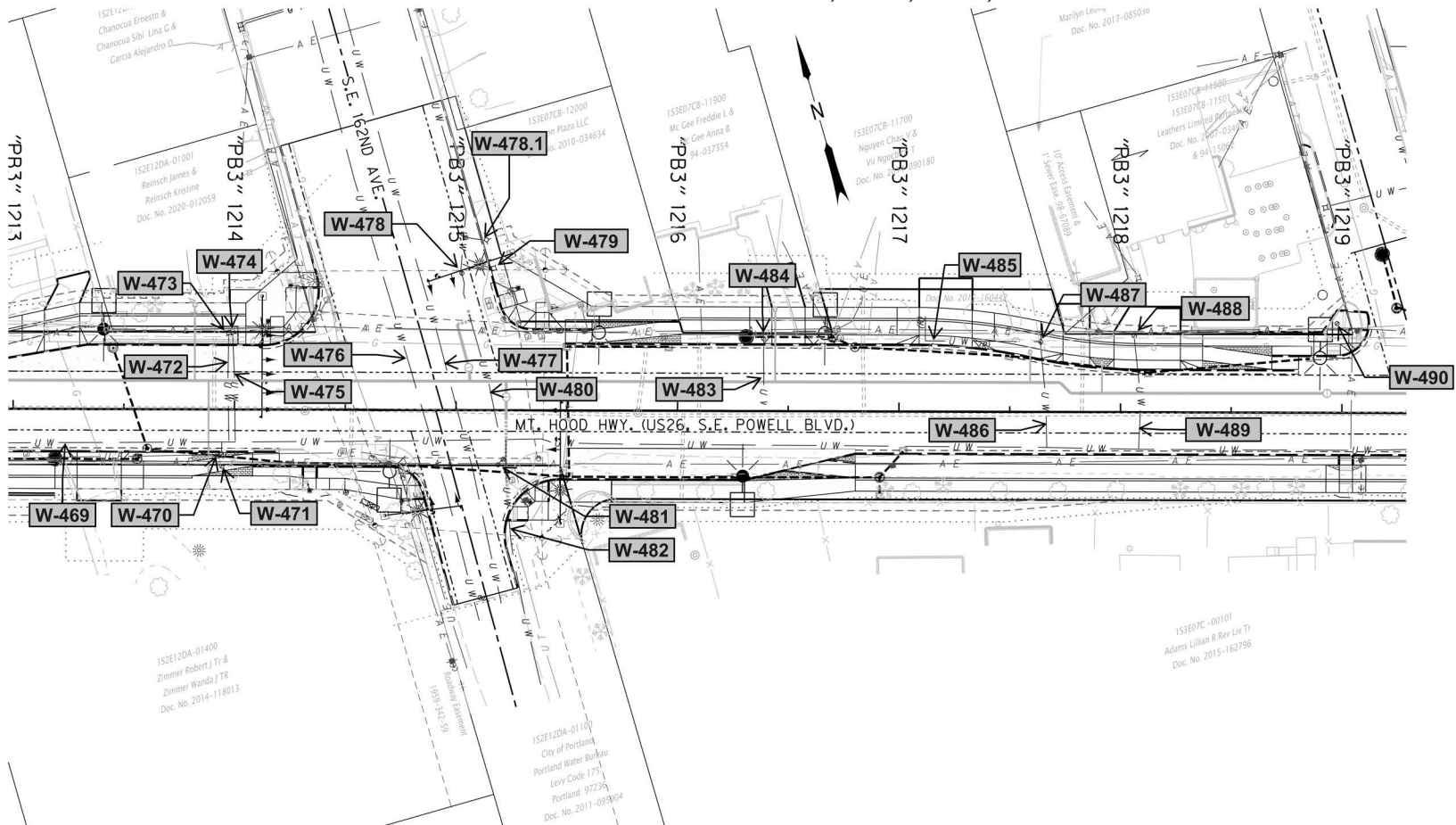
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

<p>ADVANCE COPY SUBJECT TO CHANGE</p>	 			
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY</p>			
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Designer:</td> <td style="width: 50%;">Reviewer:</td> </tr> <tr> <td>Drafter:</td> <td>Checker:</td> </tr> </table>	Designer:	Reviewer:	Drafter:
Designer:	Reviewer:			
Drafter:	Checker:			
<p>UTILITY CONFLICT ANALYSIS MAPPING</p>				
<p>SHEET NO. C24E</p>				



Sec. 12 & 7, T.1S., R.2E., W.M.

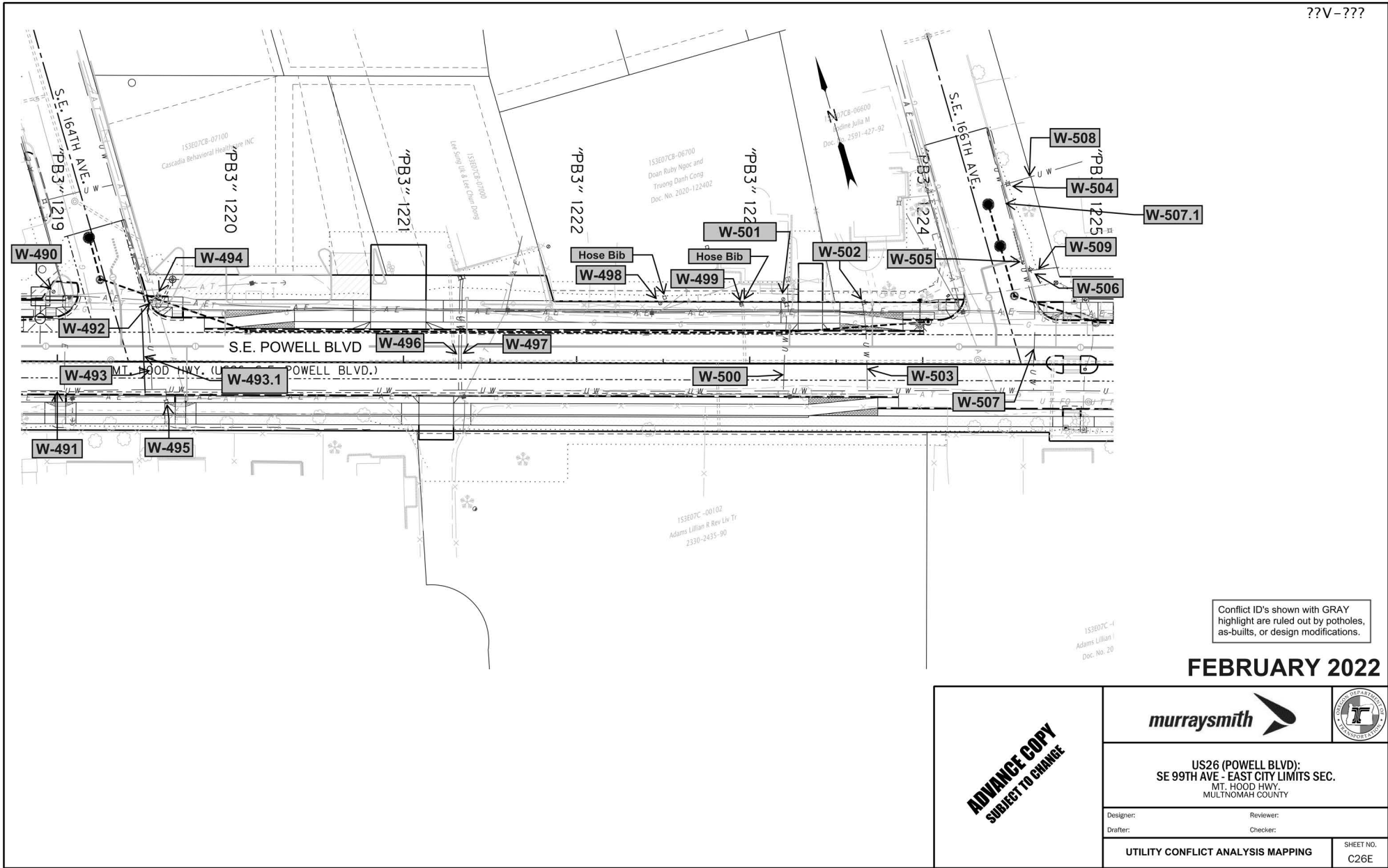
??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

<p>ADVANCE COPY SUBJECT TO CHANGE</p>	 			
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY</p>			
	<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Designer:</td> <td style="width: 50%;">Reviewer:</td> </tr> <tr> <td>Drafter:</td> <td>Checker:</td> </tr> </table>	Designer:	Reviewer:	Drafter:
Designer:	Reviewer:			
Drafter:	Checker:			
<p>UTILITY CONFLICT ANALYSIS MAPPING</p>				
<p>SHEET NO. C25E</p>				



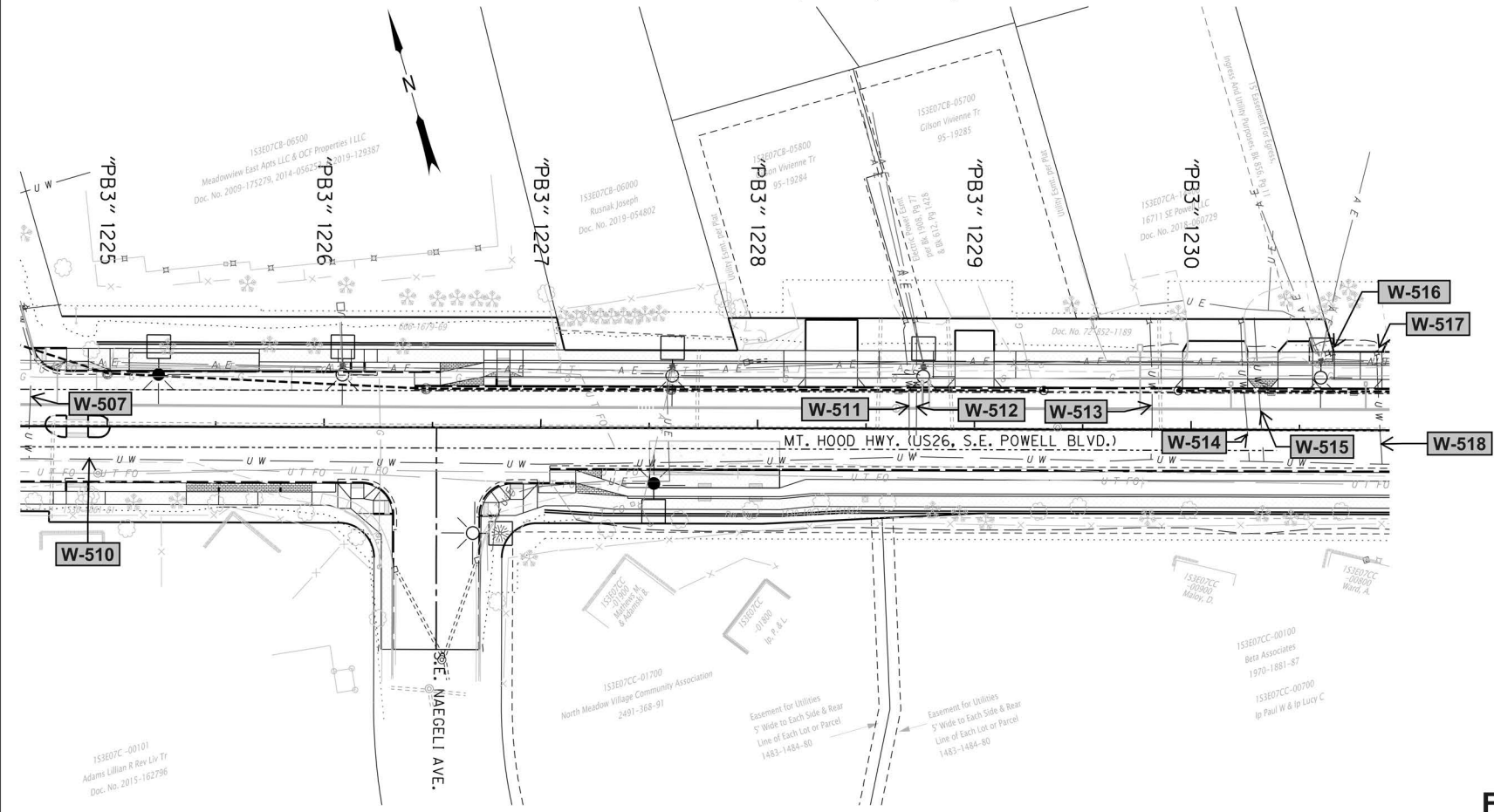
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C26E

Sec. 7, T.1S., R.2E., W.M.

??V-???



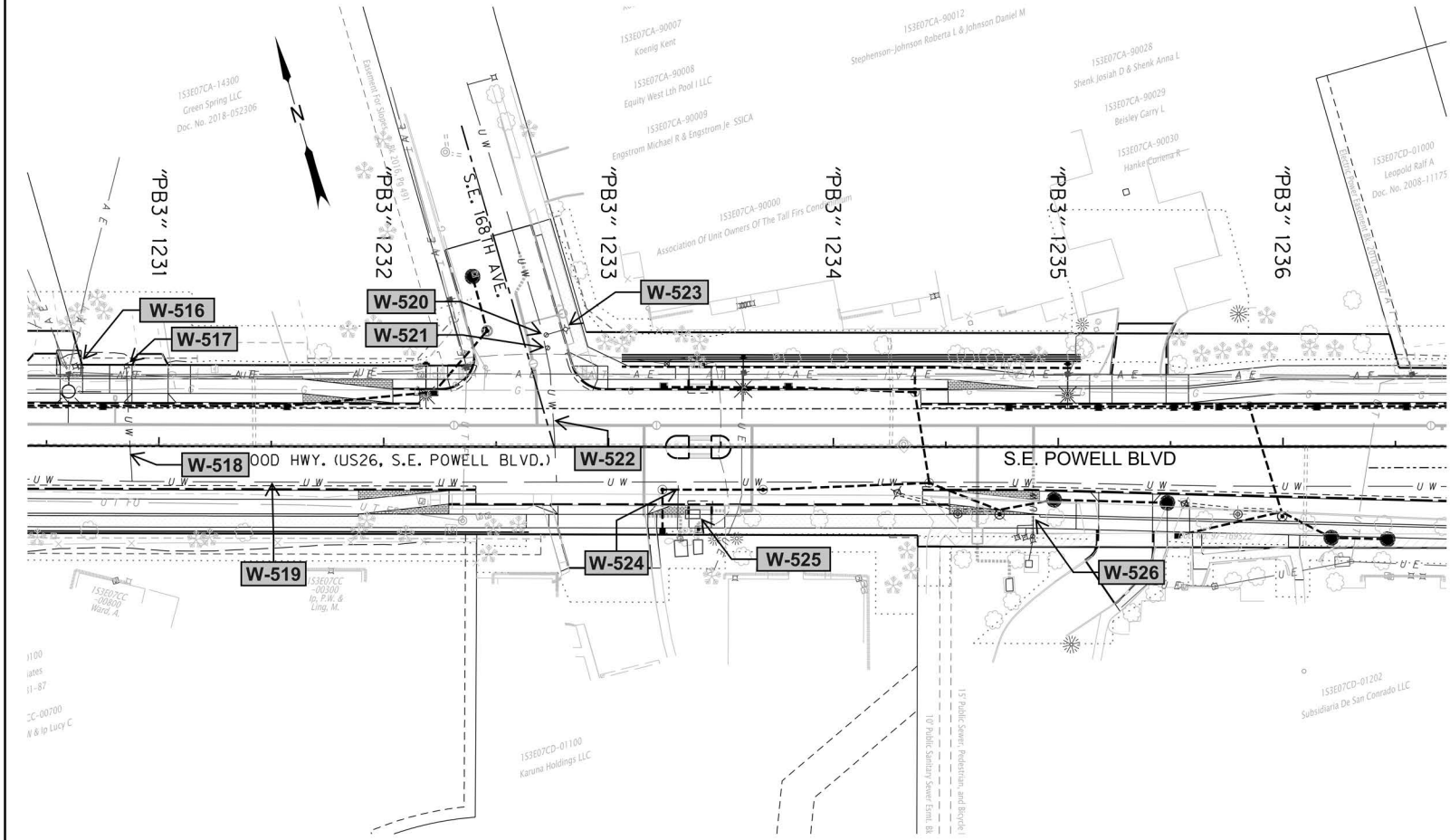
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

<p>ADVANCE COPY SUBJECT TO CHANGE</p>		
	<p>US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY</p>	
	<p>Designer: _____ Drafter: _____</p>	<p>Reviewer: _____ Checker: _____</p>



Sec. 7, T.1S., R.2E., W.M.

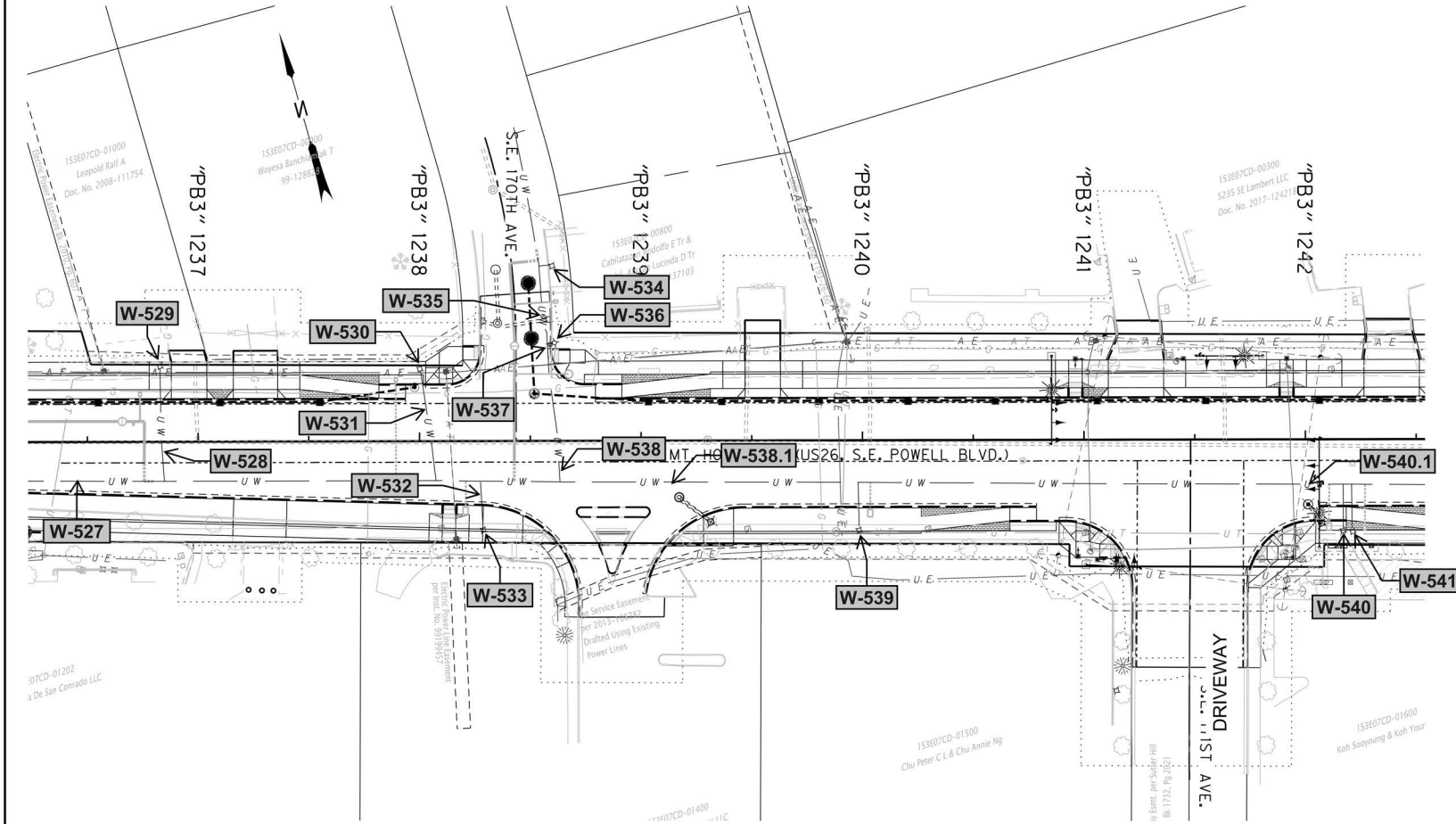
??V-???



Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.



FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C28E



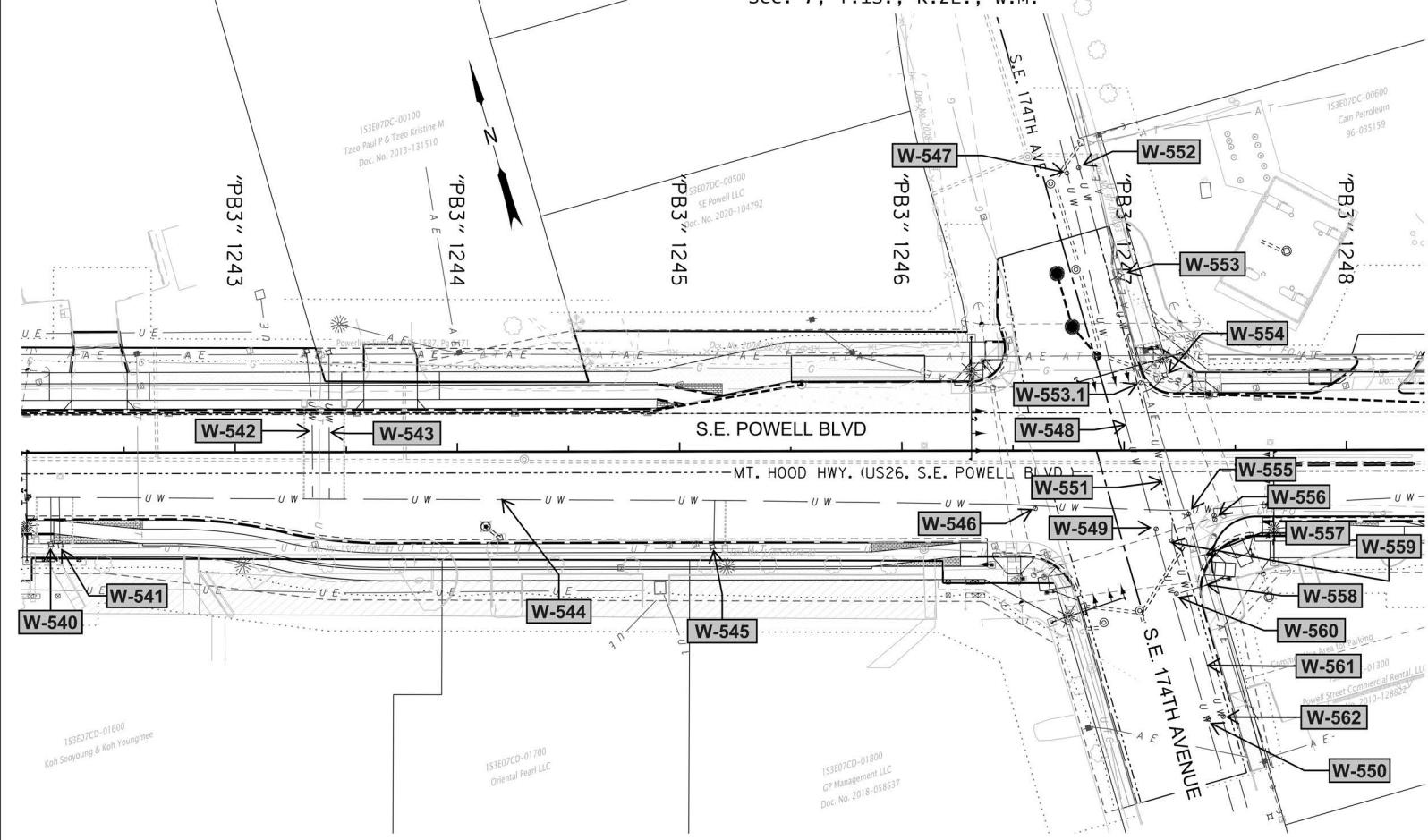
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C29E



Sec. 7, T.1S., R.2E., W.M.

??V-???



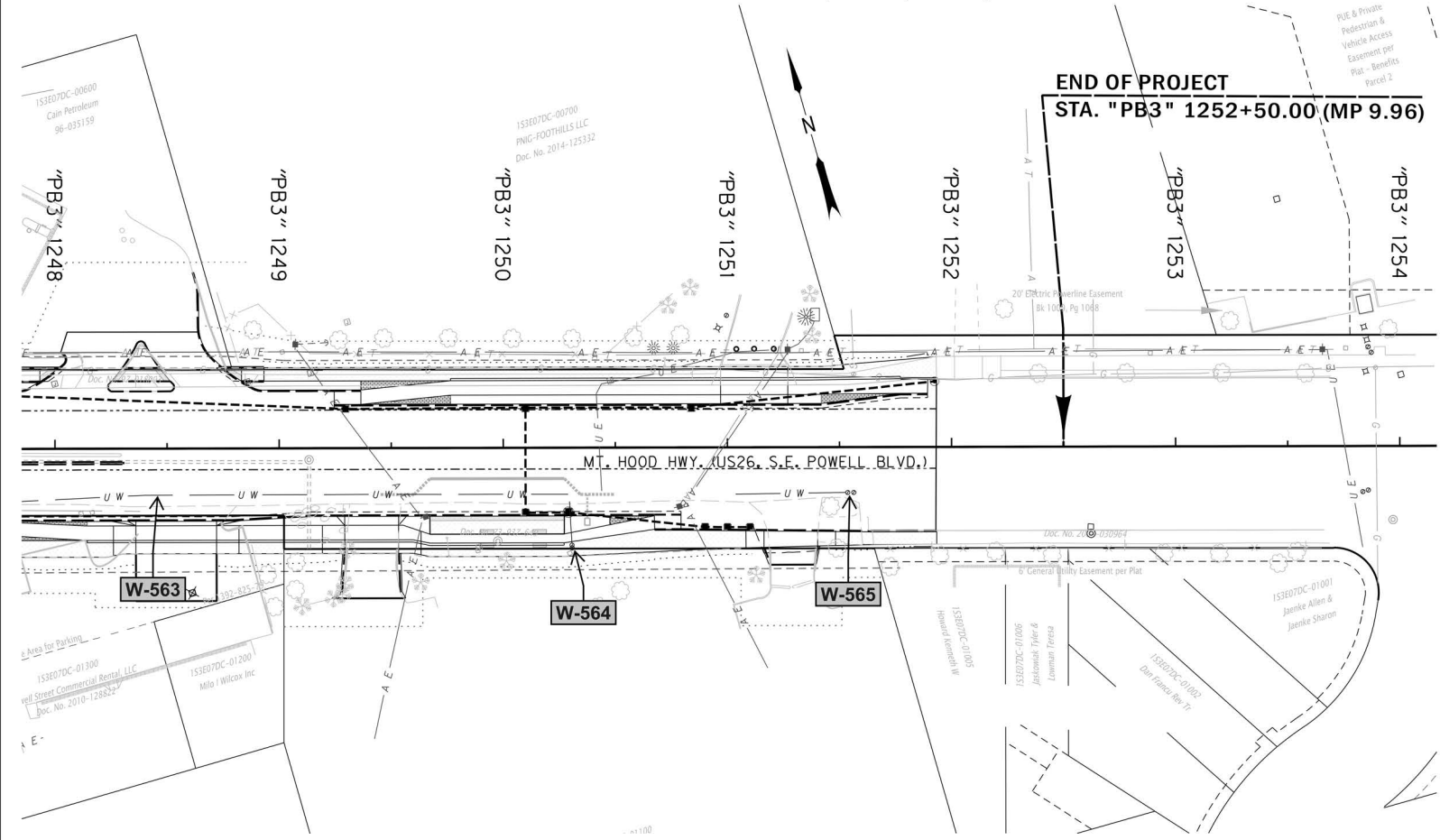
Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C30E

Sec. 7, T.1S., R.2E., W.M.



??V-???



END OF PROJECT
STA. "PB3" 1252+50.00 (MP 9.96)

Conflict ID's shown with GRAY highlight are ruled out by potholes, as-builts, or design modifications.

FEBRUARY 2022

ADVANCE COPY SUBJECT TO CHANGE	 	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
	Designer: Drafter:	Reviewer: Checker:
UTILITY CONFLICT ANALYSIS MAPPING		SHEET NO. C31C

UTILITY CONFLICT LIST to WATER (Portland Water Bureau) ADVANCE PLANS

Project: US26 (SE Powell Blvd): SE 99th Street to East City Limits

Project Owner: ODOT

Key # 21178

Date: February 2022

Location: Portland, OR

Entered By: D. Montgomery

Reviewed By: A. Giesy

CONFLICTS SHOWN WITH GRAY HIGHLIGHT ARE RULED OUT BY POT HOLE, AS-BUILTS, OR DESIGN MODIFICATION

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline (ft)	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
Sheet No. C01B							
W-1	Portland Water Bureau	Conduit #3	Linear	1038 + 00 to 1044 + 00	22 L	Proposed full depth roadway construction	Protect in place.
W-2	Portland Water Bureau	Water Meter	Point	1040 + 18	34 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-2.1	Portland Water Bureau	Water Service Line	Linear	1040 + 18	Crossing	Proposed full depth roadway construction, curb & gutter and sidewalk	Water service to be abandoned and replaced per PWB Relocation Plan.
W-3	Portland Water Bureau	Water Line	Linear	1041 + 42	Crossing	Proposed sidewalk, driveway, curb & gutter, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-4	Portland Water Bureau	Water Service Line	Linear	1042 + 58	Crossing	Proposed sidewalk, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-5	Portland Water Bureau	Water Meter	Point	1042 + 58	36 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C02B							
W-6	Portland Water Bureau	Conduit #3	Linear	1044 + 00 to 1050 + 00	22 L	Proposed full depth roadway construction	Protect in place.
W-7	Portland Water Bureau	Water Service Line	Linear	1044 + 47	Crossing	Proposed full depth roadway construction and storm UIC	Water service to be abandoned and replaced per PWB Relocation Plan.
W-8	Portland Water Bureau	Water Meter	Point	1044 + 47	39 L	Proposed sidewalk and storm line	Water meter to be replaced per PWB Relocation Plan.
W-9	Portland Water Bureau	Water Manhole	Point	1044 + 71	33 L	Proposed sidewalk	Adjusted by completed TriMet project. No longer a conflict.
W-10	Portland Water Bureau	Water Line	Linear	1044 + 99	Crossing	Proposed full depth roadway construction, curb & gutter, and sidewalk	Water service to be abandoned and replaced per PWB Relocation Plan.
W-11	Portland Water Bureau	Water Line	Linear	1045 + 34	Crossing	Proposed full depth roadway construction, curb & gutter, and sidewalk	Water service to be abandoned and replaced per PWB Relocation Plan.
W-12	Portland Water Bureau	Water Valve	Point	1046 + 64	17 L	Proposed full depth roadway construction	Adjust to finish grade.
W-13	Portland Water Bureau	Water Main	Linear	1046 + 70	Crossing	Proposed full depth roadway construction	Verify depth from valve nut or pothole, relocate if needed.
W-14	Portland Water Bureau	Water Meter	Point	1046 + 80	37 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-15	Portland Water Bureau	Water Valve	Point	1046 + 84	6 L	Proposed full depth roadway construction	Adjust to finish grade.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-16	Portland Water Bureau	Water Valve	Point	1047 + 09	32 L	Proposed full depth roadway construction	Adjust to finish grade.
W-17	Portland Water Bureau	Water Service Line	Linear	1046 + 80	Crossing	Proposed sidewalk, driveway, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan. Confirmed.
W-18	Portland Water Bureau	Water Meter	Point	1047 + 13	32 L	Proposed sidewalk, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-19	Portland Water Bureau	Water Service Line	Linear	1047 + 16	Crossing	Proposed sidewalk, driveway, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-20	Portland Water Bureau	Water Main	Linear	1047 + 70 to 1050 + 00	20 R	Proposed curb gutter, storm facilities, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-21	Portland Water Bureau	Water Valve	Point	1048 + 36	21 R	Proposed sidewalk, and curb & gutter	Water valve to be removed and replaced per PWB Relocation Plan.
W-21.1	Portland Water Bureau	Water Valve	Point	1048 + 83	44 L	Proposed retaining wall	Design revised. No longer a conflict.
W-21.2	Portland Water Bureau	Inlet	Point	1049 + 62	42 L	Proposed slope	Not a water facility . Conflict removed.
W-21.3	Portland Water Bureau	Water Junction Box	Point	1049 + 73	38 L	Proposed slope	Verify ownership and relocate as required.
W-21.4	Portland Water Bureau	Hose Bib	Point	1049 + 91	38 L	Proposed slope	Verify ownership and relocate as required.
W-22	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1048 + 36	31 R	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
Sheet No. C03C							
W-23	Portland Water Bureau	Conduit #3	Linear	1050 + 00 to 1055 + 50	18 L	Proposed curb & gutter, sidewalk, driveway, ADA curb ramp, and full depth roadway construction	Protect in place.
W-24	Portland Water Bureau	Water Main	Linear	1050 + 00 to 1055 + 50	21 R	Proposed bicycle lane, curb & gutter, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-25	Portland Water Bureau	Water Valve	Point	1050 + 48	24 L	Proposed full depth roadway construction, and curb & gutter	Adjust to finish grade.
W-26	Portland Water Bureau	Water Main	Linear	1050 + 57	24 L	Proposed full depth roadway construction	Verify depth from valve nut or pothole, relocate if needed.
W-27	Portland Water Bureau	Water Main	Linear	1050 + 48	16 L	Proposed full depth roadway construction	Verify depth from valve nut or pothole, relocate if needed.
W-28	Portland Water Bureau	Water Valve	Point	1050 + 51	19 L	Proposed full depth roadway construction, and protected bicycle lane raised curb	Adjust to finish grade.
W-29	Portland Water Bureau	Water Main	Linear	1050 + 78	Crossing	Proposed driveway, curb & gutter and full depth roadway construction	Water main to remain per PWB Relocation Plan.
W-30	Portland Water Bureau	Water Valves (2)	Point	1050 + 78	27 L	Proposed driveway, curb & gutter and full depth roadway construction	Remove and relocate.
W-31	Portland Water Bureau	Water Main	Linear	1050 + 83	Crossing	Proposed driveway, curb & gutter and full depth roadway construction	Water main to remain per PWB Relocation Plan.
W-32	Portland Water Bureau	Water Valve	Point	1050 + 82	27 L	Proposed driveway, curb & gutter and full depth roadway construction	Remove and relocate.
W-33	Portland Water Bureau	Water Valves (3)	Point	1050 + 85	19 R	Proposed curb line and full depth roadway construction	Water valves to be removed and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-34	Portland Water Bureau	Water Meters (2)	Point	1051 + 15	26 L	Proposed driveway, curb line, full depth roadway construction, and temporary travel lane during construction	Water meters to be replaced per PWB Relocation Plan.
W-35	Portland Water Bureau	Water Service Line	Linear	1051 + 15	19 R	Proposed curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-36	Portland Water Bureau	Water Valve	Point	1051 + 13	19 R	Proposed raised bicycle lane, curb & gutter, and full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-37	Portland Water Bureau	Fire Hydrant	Point	1051 + 33	31 L	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-38	Portland Water Bureau	Water Line	Linear	1051 + 31	Crossing	Proposed full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-39	Portland Water Bureau	Water Line	Linear	1051 + 34	Crossing	Proposed sidewalk, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-40	Portland Water Bureau	Water Valves (3)	Point	1051 + 32	18 R	Proposed curb line and full depth roadway construction	Water valves to be removed and replaced per PWB Relocation Plan.
W-41	Portland Water Bureau	Water Line	Linear	1052 + 99	85 R	Proposed curb lines, Proposed sidewalk and full depth roadway construction	Verify depth from valve nut or pothole, relocate if needed.
W-42	Portland Water Bureau	Water Valves (2)	Point	1053 + 36	12 R	Proposed full depth roadway construction	Water valves to be removed and replaced per PWB Relocation Plan.
W-43	Portland Water Bureau	Water Main	Linear	1053 + 36	12 R	Proposed ADA curb ramp, curb & gutter, sidewalk, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-44	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1053 + 46	11 R	Proposed full depth roadway construction	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-45	Portland Water Bureau	Water Valve	Point	1053 + 46	11 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-46	Portland Water Bureau	Water Service Line	Linear	1054 + 73	Crossing	Proposed driveway, curb & gutter and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-46.1	Portland Water Bureau	Water Meter	Point	1054 + 74	47 L	Proposed driveway	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C04C							
W-47	Portland Water Bureau	Conduit #3	Linear	1055 + 50 to 1061 + 50	13 R	Proposed concrete bus pad and full depth roadway construction	Protect in place.
W-48	Portland Water Bureau	Water Main	Linear	1055 + 50 to 1061 + 50	24 L	Proposed curb & gutter, raised bicycle lane and transition, bus landing, storm facilities, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-49	Portland Water Bureau	Water Valves (2)	Point	1056 + 20	17 R	Proposed full depth roadway construction, curb & gutter, and storm facilities	Water valves to be removed and replaced per PWB Relocation Plan.
W-50	Portland Water Bureau	Water Service Line	Linear	1056 + 22	18 R	Proposed sidewalk, raised bicycle lane, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-51	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1056 + 34	25 R	Proposed raised bicycle lane	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-52	Portland Water Bureau	Water Valve	Point	1056 + 34	17 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-53	Portland Water Bureau	Water Service Line	Linear	1056 + 78	Crossing	Proposed sidewalk, curb line and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-54	Portland Water Bureau	Water Valve	Point	1056 + 78	14 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-55	Portland Water Bureau	Water Valve	Point	1059 + 16	22 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-56	Portland Water Bureau	Water Main	Linear	1059 + 05	21 R	Proposed curb & gutter, ADA curb ramp, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-57	Portland Water Bureau	Water Valve	Point	1059 + 10	37 R	Proposed ADA curb ramp	Water valve to be removed and replaced per PWB Relocation Plan.
W-58	Portland Water Bureau	Water Main	Linear	1059 + 15 to 1061 + 50	21 R	Proposed storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
Sheet No. C05B							
W-59	Portland Water Bureau	Conduit #3	Linear	1061 + 50 to 1067 + 50	15 L	Proposed full depth roadway construction	Protect in place.
W-60	Portland Water Bureau	Water Main	Linear	1061 + 50 to 1067 + 50	26 R	Proposed storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-61	Portland Water Bureau	Water Meter	Point	1062 + 57	29 R	Proposed raised bicycle lane	Water meter to be replaced per PWB Relocation Plan.
W-62	Portland Water Bureau	Water Main	Linear	1062 + 57	22 R	Proposed raised bicycle lane and planter zone	Water main to be abandoned and replaced per PWB Relocation Plan.
W-63	Portland Water Bureau	Water Meter (2)	Point	1063 + 37	29 R	Proposed raised bicycle lane	Water meters to be replaced per PWB Relocation Plan.
W-64	Private	Irrigation Control Valve	Point	1063 + 41	33 R	Proposed sidewalk	To be relocated by others.
W-65	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1064 + 12	30 R	Proposed raised bicycle lane and sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-66	Portland Water Bureau	Water Valve	Point	1064 + 12	26 R	Proposed raised bicycle lane	Water meter to be replaced per PWB Relocation Plan.
W-67	Portland Water Bureau	Water Meter	Point	1064 + 50	30 R	Proposed raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-68	Portland Water Bureau	Water meter and valve	Point	1065 + 18	32 R	Proposed raised bicycle lane and sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-69	Portland Water Bureau	Water Valve	Point	1065 + 60	24 R	Proposed raised bicycle lane and planter zone	Water valve to be removed and replaced per PWB Relocation Plan.
W-70	Portland Water Bureau	Water Main	Linear	1066 + 18	24 R	Proposed raised bicycle lane and sidewalk	Water main to be abandoned and replaced per PWB Relocation Plan.
W-71	Portland Water Bureau	Water Service Line	Linear	1067 + 31	Crossing	Proposed planter, storm lines, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-72	Portland Water Bureau	Water meter	Point	1067 + 31	29 L	Proposed curb & gutter, planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C06C							
W-73	Portland Water Bureau	Water Main	Linear	1067 + 50 to 1073 + 00	25 R	Proposed full depth roadway construction, raised bicycle lane and transitions, and concrete bus pad	Water main to be abandoned and replaced per PWB Relocation Plan.
W-74	Portland Water Bureau	Water Meter	Point	1067 + 49	29 R	Proposed sidewalk and planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-75	Portland Water Bureau	Conduit #3	Linear	1067 + 50 to 1073 + 00	14 L	Proposed full depth roadway construction	Protect in place.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-76	Portland Water Bureau	Water Meter	Point	1067 + 75	31 R	Proposed sidewalk, ADA curb ramp, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-77	Portland Water Bureau	Water Valve	Point	1068 + 14	22 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-78	Portland Water Bureau	Water Main	Linear	1068 + 16	35 L	Proposed curb & gutter, storm line and inlet, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-79	Portland Water Bureau	Water Main	Linear	1068 + 15	25 R	Proposed storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-80	Portland Water Bureau	Water Valve	Point	1068 + 16	35 L	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-81	Portland Water Bureau	Water Valve	Point	1068 + 53	58 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-82	Portland Water Bureau	Water Main	Linear	1068 + 52	24 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-83	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1068 + 56	58 R	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-84	Portland Water Bureau	Water Valve	Point	1068 + 52	24 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-85	Portland Water Bureau	Water Service Line	Linear	1069 + 63	Crossing	Proposed bus landing, storm facilities, concrete bus pad and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-86	Portland Water Bureau	Water Meter	Point	1069 + 63	28 L	Proposed bus landing, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-87	Portland Water Bureau	Water Meter	Point	1069 + 94	30 R	Proposed sidewalk and planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-88	Portland Water Bureau	Water Service Line	Linear	1070 + 24	Crossing	Proposed curb & gutter, stormline, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-89	Portland Water Bureau	Water Meter	Point	1070 + 25	29 L	Proposed curb & gutter, planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-90	Portland Water Bureau	Water Meter	Point	1070 + 24	29 R	Proposed sidewalk and planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-91	Portland Water Bureau	Water Main	Linear	1070 + 70	23 R	Proposed storm inlet and pipe	Water valve to be removed and replaced per PWB Relocation Plan.
W-92	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1071 + 11	36 R	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-93	Portland Water Bureau	Water Valve	Point	1071 + 11	25 R	Proposed raised bicycle lane	Water valve to be removed and replaced per PWB Relocation Plan.
W-94	Portland Water Bureau	Water Service Line	Linear	1071 + 26	Crossing	Proposed sidewalk, planter zone, curb & gutter, storm line, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-95	Portland Water Bureau	Water Meter	Point	1071 + 28	39 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-96	Portland Water Bureau	Water Main	Linear	1071 + 70	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-97	Portland Water Bureau	Water Meters (2)	Point	1071 + 57	29 L	Proposed planter zone, and curb & gutter and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-98	Portland Water Bureau	Water Service Line	Linear	1071 + 56	Crossing	Proposed raised bicycle lane, storm line, planter, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-99	Portland Water Bureau	Water Meter	Point	1071 + 54	30 R	Proposed raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-100	Portland Water Bureau	Water Main	Linear	1072 + 70	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-101	Portland Water Bureau	Water Meter	Point	1073 + 02	29 L	Proposed curb & gutter, full depth roadway construction, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-102	Portland Water Bureau	Water Service Line	Linear	1073 + 02	Crossing	Proposed full depth roadway construction, curb & gutter, storm line, and temporary travel lane during construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-103	Portland Water Bureau	Water Meter	Point	1073 + 26	27 R	Proposed raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C07C							
W-104	Portland Water Bureau	Conduit #3	Linear	1073 + 00 to 1079 + 00	15 L	Proposed full depth roadway construction	Protect in place.
W-105	Portland Water Bureau	Water Main	Linear	1072 + 91	23 R	Proposed raised bicycle lane and transition, ADA curb ramp, curb & gutter, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-106	Portland Water Bureau	Water Main	Linear	1073 + 00 to 1079 + 00	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-107	Portland Water Bureau	Water Meter	Point	1074 + 42	28 R	Proposed raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-108	Portland Water Bureau	Water Main	Linear	1094 + 79	23 R	Proposed storm inlet	Water meter to be replaced per PWB Relocation Plan.
W-109	Portland Water Bureau	Water Service Line	Linear	1075 + 06	Crossing	Proposed sidewalk, storm pipe, planter, curb & gutter, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-110	Portland Water Bureau	Water Meter	Point	1075 + 05	34 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-111	Portland Water Bureau	Water Line	Linear	1075 + 39	Crossing	Proposed full depth roadway construction, storm lines, curb & gutter, and sidewalk	Water service to be abandoned and replaced per PWB Relocation Plan.
W-112	Portland Water Bureau	Water Meter	Point	1075 + 57	30 R	Proposed raised bicycle lane, sidewalk, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-113	Portland Water Bureau	Water Valve	Point	1075 + 56	34 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-114	Portland Water Bureau	Water valve	Point	1075 + 60	26 R	Proposed raised bicycle lane	Water valve to be removed and replaced per PWB Relocation Plan.
W-115	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1075 + 59	29 R	Proposed raised bicycle lane	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-116	Portland Water Bureau	Water Main	Linear	1075 + 79	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-117	Portland Water Bureau	Water Valve	Point	1076 + 48	23 R	Proposed driveway	Water valve to be removed and replaced per PWB Relocation Plan.
W-118	Portland Water Bureau	Water Service Line	Linear	1076 + 19	60 L	Proposed curb lines, Proposed sidewalks and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-119	Portland Water Bureau	Water Main	Linear	1076 + 51	Crossing	Proposed ADA curb ramp, curb & gutter, driveway, sidewalk and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-120	Portland Water Bureau	Water Main	Linear	1076 + 58	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-121	Portland Water Bureau	Water Meter	Point	1077 + 36	29 R	Proposed raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-122	Portland Water Bureau	Water Main	Linear	1077 + 70	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-122.1	Portland Water Bureau	Water Meter	Point	1077 + 84	28 R	Proposed raised bicycle lane	Water meter to be replaced per PWB Relocation Plan.
W-123	Portland Water Bureau	Water Meters (2)	Point	1078 + 32	30 R	Proposed raised bicycle lane and sidewalk, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-124	Portland Water Bureau	Water Main	Linear	1078 + 80	23 R	Proposed storm inlets	Water main to be abandoned and replaced per PWB Relocation Plan.
Sheet No. C08C							
W-125	Portland Water Bureau	Conduit #3	Linear	1079 + 00 to 1085 + 00	15 L	Proposed full depth roadway construction	Protect in place.
W-126	Portland Water Bureau	Water Main	Linear	1078 + 72	25 L	Proposed raised bicycle lane, curb & gutter, ADA curb ramp, bus station, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-127	Portland Water Bureau	Water Valve	Point	1079 + 41	26 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-128	Portland Water Bureau	Fire Hydrant	Point	1079 + 37	62 R	Proposed ADA curb ramp and sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-129	Portland Water Bureau	Water Main	Linear	1079 + 81	Crossing	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-130	Portland Water Bureau	Water Valve	Point	1079 + 81	49 L	Proposed full depth roadway construction, and storm pipe	Water valve to be removed and replaced per PWB Relocation Plan.
W-130.1	Portland Water Bureau	Water Main	Point	1079 + 81	100 L	Proposed storm UIC	Water main to be abandoned and replaced per PWB Relocation Plan.
W-131	Portland Water Bureau	Water Main	Linear	1079 + 81	Crossing	Proposed storm pipe	Water valve to be removed and replaced per PWB Relocation Plan.
W-132	Portland Water Bureau	Water Valve	Point	1079 + 91	27 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-133	Portland Water Bureau	Water Valve	Point	1079 + 80	55 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-134	Portland Water Bureau	Water Meter & Service Line	Point	1080 + 74	39 R	Proposed bus station	Water meter to be replaced per PWB Relocation Plan.
W-135	Portland Water Bureau	Water Meter & Service Line	Point	1081 + 58	30 R	Proposed sidewalk and planter zone	Water meter to be replaced per PWB Relocation Plan.
W-136	Portland Water Bureau	Water Main	Linear	1081 + 35 to 1083 + 00	27 R	Proposed storm inlet and pipe	Water main to be abandoned and replaced per PWB Relocation Plan.
W-137	Portland Water Bureau	Water Service Line	Linear	1082 + 51	Crossing	Proposed sidewalk, curb & gutter, storm line, and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-138	Portland Water Bureau	Water Meter & Service Line	Point	1082 + 51	39 L	Proposed sidewalk, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-139	Portland Water Bureau	Water Service Line	Linear	1083 + 26	Crossing	Proposed sidewalk, curb & gutter, storm line, raised bicycle lane and full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-140	Portland Water Bureau	Water Meter	Point	1083 + 26	39 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-141	Portland Water Bureau	Water Meter & Service Line	Point	1083 + 39	30 R	Proposed raised bicycle lane, sidewalk, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-142	Portland Water Bureau	Water Meter & Service Line	Point	1084 + 54	28 R	Proposed raised bicycle lane and sidewalk	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C09C							
W-143	Portland Water Bureau	Conduit #3	Linear	1085 + 00 to 1090 + 85	14 L	Proposed full depth roadway construction	Protect in place.
W-144	Portland Water Bureau	Water Main	Linear	1085 + 00 to 1090 + 85	28 R	Proposed raised bicycle lane, ADA curb ramps, curb & gutter, driveway, planter, bus landing and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-145	Portland Water Bureau	Water Meter & Service Line	Point	1085 + 34	27 R	Proposed raised bicycle lane, sidewalk and planter	Water meter to be replaced per PWB Relocation Plan.
W-146	Portland Water Bureau	Water Main	Linear	1086 + 48	Crossing	Proposed full depth roadway construction, and storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-147	Portland Water Bureau	Water Main	Linear	1086 + 50	41 L	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-148	Portland Water Bureau	Water Service Line	Linear	1086 + 25	90 L	Proposed full depth roadway construction	Water service to be abandoned and replaced per PWB Relocation Plan.
W-149	Portland Water Bureau	Fire hydrant, supply line and water valve	Point	1086 + 57	40 L	Proposed ADA curb ramp and Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-150	Portland Water Bureau	Water Valve	Point	1086 + 63	27 L	Proposed curb & gutter, ADA curb ramp, and full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-151	Portland Water Bureau	Water Valves (3)	Point	1086 + 51	28 R	Proposed full depth roadway construction, curb & gutter, and ADA curb ramps	Water valves to be removed and replaced per PWB Relocation Plan.
W-152	Portland Water Bureau	Water Main	Linear	1086 + 51	28 R	Proposed ADA curb ramp, curb & gutter, and sidewalk	Water main to be abandoned and replaced per PWB Relocation Plan.
W-153	Portland Water Bureau	Water Main	Linear	1086 + 49	27 L	Proposed curb & gutter, sidewalk, planter zone, bus landing and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-154	Portland Water Bureau	Water Meter & Service Line	Point	1087 + 65	40 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-155	Portland Water Bureau	Water Meter & Service Line	Point	1088 + 07	27 R	Proposed sidewalk, driveway and curb line	Water service and meter to be replaced per PWB Relocation Plan.
W-156	Portland Water Bureau	Water Meter & Service Line	Point	1088 + 52	33 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-157	Portland Water Bureau	Water Meter & Service Line	Point	1088 + 75	26 R	Proposed sidewalk, planter zone, and curb & gutter	Water service and meter to be replaced per PWB Relocation Plan.
W-158	Portland Water Bureau	Water Meter & Service Line	Linear	1089 + 32	27 R	Proposed bus station	Water service and meter to be replaced per PWB Relocation Plan.
W-159	Portland Water Bureau	Water Meter & Service Line	Point	1089 + 31	41 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-160	Portland Water Bureau	Water Meter & Service Line	Point	1090 + 01	38 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-161	Portland Water Bureau	Water Meter & Service Line	Point	1090 + 63	35 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-162	Portland Water Bureau	Water Meter & Service Line	Point	1090 + 62	33 L	Proposed bus station	Water service and meter to be replaced per PWB Relocation Plan.
Sheet No. C10C							
W-163	Portland Water Bureau	Water Main	Linear	1090 + 85 to 1096 + 50	32 L	Proposed sidewalk, bus station, ADA curb ramp, curb line, gutter and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-164	Portland Water Bureau	Conduit #3	Linear	1090 + 85 to 1096 + 50	17 L	Proposed concrete bus pad and full depth roadway construction	Protect in place.
W-165	Portland Water Bureau	Water Main	Linear	1090 + 85 to 1096 + 50	23 R	Proposed curb & gutter, driveway, ADA curb ramps, raised bicycle lane and transition and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-166	Portland Water Bureau	Water Main	Linear	1091 + 38	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-167	Portland Water Bureau	Water Meter & Service Line	Point	1091 + 43	36 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-168	Portland Water Bureau	Water Main	Linear	1091 + 52	Crossing	Proposed full depth roadway construction, ADA curb ramp, curb & gutter, storm facilities, and sidewalk	Water main to be abandoned and replaced per PWB Relocation Plan.
W-169	Portland Water Bureau	Water Valve	Point	1091 + 50	22 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-170	Portland Water Bureau	Water Main	Linear	1091 + 52	Crossing	Proposed storm line and manhole	Water main to be abandoned and replaced per PWB Relocation Plan.
W-171	Portland Water Bureau	Water Valve	Point	1091 + 53	32 L	Proposed curb & gutter and full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-172	Portland Water Bureau	Water Main	Linear	1091 + 66	23 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-173	Portland Water Bureau	Water Meter & Service Line	Point	1091 + 93	37 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-174	Portland Water Bureau	Water Meter & Service Line	Point	1092 + 74	26 R	Proposed sidewalk, planter zone and curb line	Water service and meter to be replaced per PWB Relocation Plan.
W-175	Portland Water Bureau	Water Service Line	Linear	1093 + 35	Crossing	Proposed curb & gutter, storm pipe, and full depth roadway construction	Water service to be replaced per PWB Relocation Plan.
W-176	Portland Water Bureau	Water Meter	Point	1093 + 35	29 L	Proposed curb & gutter, storm pipe, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-177	Portland Water Bureau	Water Meter	Point	1093 + 40	27 R	Proposed curb & gutter, planter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-178	Portland Water Bureau	Water Meter	Point	1094 + 46	28 R	Proposed curb & gutter, ADA curb ramp, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-179	Portland Water Bureau	Fire Hydrant	Point	1094 + 91	32 L	Proposed ADA curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-180	Portland Water Bureau	Water Valve	Point	1094 + 84	35 L	Proposed ADA curb ramp, curb ramp and gutter	Water main to be abandoned and replaced per PWB Relocation Plan.
W-181	Portland Water Bureau	Water Valve	Point	1094 + 91	28 L	Proposed curb & gutter and full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-182	Portland Water Bureau	Water Main	Linear	1094 + 84	Crossing	Proposed full depth roadway construction, storm line, curb & gutter, and ADA curb ramp	Water main to be abandoned and replaced per PWB Relocation Plan.
W-183	Portland Water Bureau	Water Main	Linear	1095 + 31	28 R	Proposed full depth roadway construction	Water main to remain per PWB Relocation Plan.
W-184	Portland Water Bureau	Water Valve	Point	1095 + 31	28 R	Proposed full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-185	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1095 + 38	46 R	Proposed ADA curb ramp and sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-186	Portland Water Bureau	Water Valve	Point	1095 + 34	53 R	Proposed curb & gutter, and full depth roadway construction	Water valve to be removed and replaced per PWB Relocation Plan.
W-187	Portland Water Bureau	Water Meter	Point	1095 + 46	38 L	Proposed ADA curb ramp	Water meter to be replaced per PWB Relocation Plan.
W-187.1	Portland Water Bureau	Water Main	Linear	1094 + 46 to 1096 + 50	25 L	Proposed full depth roadway construction and storm sewer pipes and inlets	NEW CONFLICT - Water main to be abandoned and replaced per PWB Relocation Plan.
Sheet No. C11C							
W-188	Portland Water Bureau	Water Main	Linear	1096 + 50 to 1097 + 80	27 L	Proposed curb & gutter, bus landing & concrete bus pad, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-189	Portland Water Bureau	Conduit #3	Linear	1096 + 50 to 1102 + 00	14 L	Proposed full depth roadway construction	Protect in place.
W-190	Portland Water Bureau	Water Main	Linear	1096 + 50 to 1102 + 00	26 R	Proposed raised bicycle lane, transition, curb lines, planter zone, concrete bus pad, bus station, ADA curb ramps and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-191	Portland Water Bureau	Water Meter	Point	1096 + 67	27 L	Proposed full depth roadway construction, storm line, curb & gutter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-192	Portland Water Bureau	Water Meter	Point	1096 + 76	29 R	Proposed raised bicycle lane	Water meter to be replaced per PWB Relocation Plan.
W-193	Portland Water Bureau	Water Service Line	Linear	1097 + 25	29 L	Proposed bus station and concrete bus pad	Water service to be replaced per PWB Relocation Plan.
W-194	Portland Water Bureau	Water Meter	Point	1097 + 26	39 L	Proposed bus station	Water meter to be replaced per PWB Relocation Plan.
W-195	Portland Water Bureau	Water Meter & Service Line	Point	1097 + 44	28 R	Proposed temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-196	Portland Water Bureau	Water Meter & Service Line	Point	1097 + 91	28 R	Proposed curb & gutter, and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-197	Portland Water Bureau	Water Meter & Service Line	Point	1097 + 98	28 R	Proposed curb & gutter, and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-198	Portland Water Bureau	Water Valves (2)	Point	1098 + 10	27 R	Proposed bus station and concrete bus pad	Water meters to be replaced per PWB Relocation Plan.
W-199	Portland Water Bureau	Water Main	Linear	1098 + 11	4 R	Proposed full depth roadway construction, concrete bus pad, curb & gutter, and storm line	Water main to be abandoned and replaced per PWB Relocation Plan.
W-200	Portland Water Bureau	Water Main	Linear	1098 + 13	25 L	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.
W-201	Portland Water Bureau	Water Main	Linear	1098 + 13	77 L	Proposed storm UIC	Protect in place.
W-202	Portland Water Bureau	Water Main	Linear	1098 + 42	26 R	Proposed storm inlet	Water main to be abandoned and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-203	Portland Water Bureau	Water Main	Linear	1099 + 03	26 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-204	Portland Water Bureau	Water Meter & Service Line	Point	1099 + 63	38 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-205	Portland Water Bureau	Water meter	Point	1099 + 93	40 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-206	Portland Water Bureau	Water Meter & Service Line	Point	1099 + 93	30 R	Proposed raised bicycle lane and sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-207	Portland Water Bureau	Water Meter	Point	1100 + 52	29 R	Proposed raised bicycle lane and sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-208	Portland Water Bureau	Water Lines (2)	Linear	1100 + 90	28 R	Proposed raised bicycle lane and sidewalk	Water services to be replaced per PWB Relocation Plan.
W-209	Portland Water Bureau	Water Valves (2)	Point	1100 + 90	28 R	Proposed raised bicycle lane	Water valves to be replaced per PWB Relocation Plan.
W-210	Portland Water Bureau	Water Valve	Point	1101 + 90	28 R	Proposed raised bicycle lane	Water valve to be replaced per PWB Relocation Plan.
W-211	Portland Water Bureau	Fire Hydrant	Point	1101 + 92	34 R	Proposed raised bicycle lane and sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-212	Portland Water Bureau	Water Main	Linear	1101 + 97	37 L	Proposed full depth roadway construction, and storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-213	Portland Water Bureau	Water Valve	Point	1101 + 97	46 L	Proposed full depth roadway construction, and storm facilities	Water valve to be replaced per PWB Relocation Plan.
Sheet No. C12B							
W-214	Portland Water Bureau	Water Main	Linear	1102 + 00 to 1105 + 75	26 L	Proposed curb & gutter, and full depth roadway construction	Confirm extents of water main to be abandoned.
W-215	Portland Water Bureau	Conduit #3	Linear	1102 + 00 to 1105 + 75	13 L	Proposed full depth roadway construction	Protect in place.
W-216	Portland Water Bureau	Water Main	Linear	1102 + 00 to 1105 + 75	27 R	Proposed raised bicycle lane, planter, ADA curb ramp, curb & gutter, and full depth roadway construction	Confirm extents of water main to be abandoned.
W-217	Portland Water Bureau	Water Main	Linear	1102 + 00 to 1102 + 75	38 L	Proposed storm inlets and storm pipe.	Confirm extents of water main to be abandoned.
W-218	Portland Water Bureau	Water Service Line	Linear	1104 + 60	40 L	Proposed sidewalk and curb & gutter	Relocated per PWB Relocation Plan.
Sheet No. C13B							
W-219	Portland Water Bureau	Conduit #3	Linear	1143 + 46 to 1149 + 75	12 L	Proposed full depth roadway construction	Protect in place.
W-220	Portland Water Bureau	Water Main	Linear	1143 + 46 to 1149 + 75	26 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-220.1	Portland Water Bureau	Water Main	Linear	1143 + 46 to 1144 + 80	15 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-221	Portland Water Bureau	Water Main	Linear	1144 + 40	27 R	Proposed storm design	Water main to be abandoned and replaced per PWB Relocation Plan.
W-222	Portland Water Bureau	Water Meter	Point	1144 + 55	35 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-223	Portland Water Bureau	Water Meter	Point	1144 + 60	35 L	Proposed sidewalk, and Proposed temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-224	Portland Water Bureau	Water Meter & Service Line	Point	1144 + 60	36 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-225	Portland Water Bureau	Water Service Line	Point	1144 + 60	Crossing	Proposed storm design	Water service to be replaced per PWB Relocation Plan.
W-226	Portland Water Bureau	Water Line	Linear	1145 + 75	27 L	Proposed full depth roadway construction, storm design, curb & gutter, and sidewalk	Water service to be replaced per PWB Relocation Plan.
W-227	Portland Water Bureau	Water Valve	Point	1145 + 75	17 L	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-228	Portland Water Bureau	Water Service Line	Linear	1145 + 75	Crossing	Proposed storm design, and temporary travel lane during construction	Water service to be replaced per PWB Relocation Plan.
W-229	Portland Water Bureau	Water Meters (3)	Point	1145 + 75	37 R	Proposed sidewalk	Water meters to be replaced per PWB Relocation Plan.
W-230	Portland Water Bureau	Water Main	Linear	1145 + 80	27 R	Proposed storm design	Water main to be abandoned and replaced per PWB Relocation Plan.
W-231	Portland Water Bureau	Water Meter	Point	1146 + 05	40 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-232	Portland Water Bureau	Water Valve	Point	1148 + 45	87 L	Proposed sidewalk	Roadway design revised. No longer in conflict.
W-233	Portland Water Bureau	Water Meter	Point	1148 + 50	106 L	Proposed sidewalk	Roadway design revised. No longer in conflict.
W-234	Portland Water Bureau	Water Line	Linear	1148 + 70	29 L	Proposed storm design	Water line to be abandoned and replaced per PWB Relocation Plan.
W-235	Portland Water Bureau	Water Main	Linear	1148 + 70	11 R	Proposed storm design	Water main to be abandoned and replaced per PWB Relocation Plan.
W-236	Portland Water Bureau	Water Valve	Point	1145 + 70	40 L	Proposed sidewalk and curb ramp	Water valve to be replaced per PWB Relocation Plan.
W-237	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1148 + 75	29 L	Proposed curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-238	Portland Water Bureau	Water Meter	Point	1149 + 30	26 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-239	Portland Water Bureau	Water Service Line	Linear	1149 + 55	11 R	Proposed storm features	Water line to be abandoned and replaced per PWB Relocation Plan.
W-240	Portland Water Bureau	Water Meter	Point	1149 + 55	39 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C14C							
W-241	Portland Water Bureau	Conduit #3	Linear	1149 + 75 to 1155 + 50	15 L	Proposed full depth roadway construction	Protect in place.
W-242	Portland Water Bureau	Water Service Line	Linear	1150 + 10	11 R	Proposed storm features	Water service to be replaced per PWB Relocation Plan.
W-243	Portland Water Bureau	Water Main	Linear	1150 + 15	26 R	Proposed full depth roadway construction, sidewalk, raised bicycle lane, ADA curb ramp, and driveway	Water main to be abandoned and replaced per PWB Relocation Plan.
W-244	Portland Water Bureau	Water Service Line	Linear	1150 + 75	11 R	Proposed storm design	Water service to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-245	Portland Water Bureau	Water Meter	Point	1150 + 75	29 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-246	Portland Water Bureau	Water Meter	Point	1150 + 95	39 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-247	Portland Water Bureau	Water Service Line	Linear	1151 + 90	11 R	Proposed storm features	Water service to be replaced per PWB Relocation Plan.
W-247.1	Portland Water Bureau	Water Service Line	Linear	1152 + 50	Crossing	Proposed storm features	Water service to be replaced per PWB Relocation Plan.
W-248	Portland Water Bureau	Water Service Line	Linear	1151 + 90	25 L	Proposed storm features	Water service to be replaced per PWB Relocation Plan.
W-249	Portland Water Bureau	Water Meter	Point	1151 + 90	30 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-249.1	Portland Water Bureau	Water Service Line	Linear	1152 + 26	32 R	Proposed raised bicycle lane and sidewalk	Water service to be replaced per PWB Relocation Plan.
W-249.2	Portland Water Bureau	Water Service Line	Linear	1153 + 10	26 R	Proposed raised bicycle lane and sidewalk	Water service to be replaced per PWB Relocation Plan.
W-250	Portland Water Bureau	Water Manhole	Point	1153 + 10	16 L	Proposed full depth construction and concrete bus pad	Confirm existence. Adjust to finish grade if needed.
W-251	Portland Water Bureau	Water Meter & Service Line	Point	1153 + 60	35 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-252	Portland Water Bureau	Water Meter	Point	1153 + 80	75 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-253	Portland Water Bureau	Water Main	Linear	1154 + 05	26 L	Proposed storm design	Water main to be abandoned and replaced per PWB Relocation Plan.
W-254	Portland Water Bureau	Water Valve	Point	1154 + 20	38 R	Proposed curb ramp	Water valve to be replaced per PWB Relocation Plan.
Sheet No. C15C							
W-255	Portland Water Bureau	Conduit #3	Linear	1155 + 50 to 1161 + 00	16 L	Proposed full depth roadway construction	Protect in place.
W-256	Portland Water Bureau	Water Main	Linear	1155 + 50 to 1161 + 00	25 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-257	Portland Water Bureau	Water Valve	Point	1156 + 00	50 R	Proposed full depth roadway construction	Appears to be a gas valve. Not a water conflict.
W-258	Portland Water Bureau	Water Line	Linear	1156 + 30	44 R	Proposed storm design	Water line to be abandoned and replaced per PWB Relocation Plan.
W-259	Portland Water Bureau	Water Valve	Point	1156 + 30	39 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-260	Portland Water Bureau	Water Valve	Point	1156 + 40	27 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-261	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1156 + 40	35 R	Proposed curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-262	Portland Water Bureau	Water Valve	Point	1156 + 85	25 L	Proposed full depth roadway construction, and curb & gutter	Remove and relocate if needed.
W-263	Portland Water Bureau	Water Vault	Point	1156 + 85	28 L	Proposed sidewalk and curb & gutter	Remove and relocate if needed.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-264	Portland Water Bureau	Water Meter & Service Line	Point	1158 + 05	29 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-265	Portland Water Bureau	Water Meter & Service Line	Point	1158 + 10	39 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-266	Portland Water Bureau	Water Meter & Service Line	Point	1158 + 35	29 R	Proposed sidewalk and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-267	Portland Water Bureau	Water Meter & Service Line	Point	1159 + 55	39 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-268	Portland Water Bureau	Water Meter & Service Line	Point	1160 + 00	27 L	Proposed sidewalk and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-269	Portland Water Bureau	Water Meter & Service Line	Point	1160 + 55	28 R	Proposed raised bicycle lane transition, and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
Sheet No. C16C							
W-270	Portland Water Bureau	Water Meter	Point	1161 + 00 to 1167 + 00	61 L	Proposed sidewalk and curb & gutter	Water meter to be replaced per PWB Relocation Plan.
W-271	Portland Water Bureau	Conduit #3	Linear	1161 + 00 to 1167 + 00	16 L	Proposed full depth roadway construction	Protect in place.
W-272	Portland Water Bureau	Water Main	Linear	1161 + 40	30 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-273	Portland Water Bureau	Water Line	Point	1161 + 70	59 L	Proposed storm design	Water line to be replaced per PWB Relocation Plan.
W-274	Portland Water Bureau	Water Valve	Point	1161 + 50	39 R	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-275	Portland Water Bureau	Water Valve	Point	1161 + 75	39 L	Proposed curb ramp	Water valve to be replaced per PWB Relocation Plan.
W-276	Portland Water Bureau	Water Line	Linear	1161 + 75	26 L	Proposed storm design	Water line to be replaced per PWB Relocation Plan.
W-277	Portland Water Bureau	Water Meter	Point	1161 + 80	43 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-278	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1161 + 80	38 L	Proposed curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-279	Portland Water Bureau	Water Main	Point	1161 + 55	29 R	Proposed storm line	Water main to be abandoned and replaced per PWB Relocation Plan.
W-280	Portland Water Bureau	Water Valve	Point	1161 + 65	27 R	Proposed curb ramp	Water valve to be replaced per PWB Relocation Plan.
W-281	Portland Water Bureau	Water Manhole	Point	1161 + 85	16 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-282	Portland Water Bureau	Water Meter	Point	1162 + 40	28 R	Proposed bike ramp and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-283	Portland Water Bureau	Water Meter & Service Line	Point	1162 + 95	31 L	Proposed sidewalk and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-284	Portland Water Bureau	Water Meter	Point	1163 + 05	27 R	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-285	Portland Water Bureau	Water Meter & Service Line	Point	1163 + 55	32 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-286	Portland Water Bureau	Water Line	Linear	1163 + 90	18 R	Proposed storm design	Water line to be replaced per PWB Relocation Plan.
W-287	Portland Water Bureau	Water Meter	Point	1164 + 50	36 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-288	Portland Water Bureau	Water Meter & Service Line	Point	1164 + 70	34 L	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-289	Portland Water Bureau	Water Meter & Service Line	Point	1164 + 80	26 R	Proposed sidewalk, curb & gutter, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-290	Portland Water Bureau	Water Meter & Service Line	Point	1165 + 55	26 L	Proposed sidewalk and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-291	Portland Water Bureau	Water Valve	Point	1166 + 55	10 L	Proposed full depth roadway construction	Adjust to finish grade.
W-292	Portland Water Bureau	Water Manhole	Point	1167 + 15	7 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
Sheet No. C17C							
W-293	Portland Water Bureau	Conduit #3	Linear	1167 + 00 to 1172 + 50	16 L	Proposed full depth roadway construction	Protect in place.
W-294	Portland Water Bureau	Water Main	Linear	1167 + 00 to 1172 + 50	30 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-295	Portland Water Bureau	Water Valve	Point	1168 + 25	36 L	Proposed full depth construction, storm line	Confirm if removed or to remain by PWB Relocation Plan.
W-296	Portland Water Bureau	Water Main	Linear	1168 + 30	26 L	Proposed storm design	Confirm if removed or to remain by PWB Relocation Plan.
W-297	Portland Water Bureau	Water Vault	Point	1168 + 40	36 L	Proposed curb ramp	Confirm if removed or to remain by PWB Relocation Plan.
W-298	Portland Water Bureau	Water Main	Point	1168 + 45	26 L	Proposed storm design	Water valve to be replaced per PWB Relocation Plan.
W-299	Portland Water Bureau	Water Valve	Point	1168 + 45	30 R	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-300	Portland Water Bureau	Water Meter & Service Line	Point	1169 + 20	32 R	Proposed sidewalk and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-301	Portland Water Bureau	Water Valve	Point	1170 + 15	28 L	Proposed driveway	Water valve to be replaced per PWB Relocation Plan.
W-302	Portland Water Bureau	Water Meter & Service Line	Point	1170 + 15	24 L	Proposed full depth roadway construction, and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-303	Portland Water Bureau	Water service Line	Linear	1170 + 77	Crossing	Proposed full depth roadway construction, sidewalk, curb & gutter, and storm	Water line to be abandoned and replaced per PWB Relocation Plan.
W-304	Portland Water Bureau	Water Meter	Point	1170 + 95	24 L	Proposed full depth roadway construction, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-305	Portland Water Bureau	Water service Line	Linear	1170 + 95	Crossing	Proposed full depth roadway construction, sidewalk, curb & gutter, and storm	Water line to be abandoned and replaced per PWB Relocation Plan.
W-306	Portland Water Bureau	Water Vault	Point	1172 + 25	94 L	Proposed full depth roadway construction	Adjust to finish grade.
W-307	Portland Water Bureau	Water Vault	Point	1172 + 25	72 L	Proposed full depth roadway construction	Adjust to finish grade.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-308	Portland Water Bureau	Water Valve	Point	1172 + 25	72 L	Proposed full depth roadway construction	Adjust to finish grade.
W-309	Portland Water Bureau	Water Valve	Point	1172 + 30	56 L	Proposed full depth roadway construction	Adjust to finish grade.
W-310	Portland Water Bureau	Water Valve	Point	1172 + 30	37 L	Proposed full depth roadway construction	Adjust to finish grade.
W-311	Portland Water Bureau	Water Vault	Point	1172 + 30	80 L	Proposed full depth roadway construction	Adjust to finish grade.
W-312	Portland Water Bureau	Water Vault	Point	1172 + 30	66 L	Proposed full depth roadway construction	Adjust to finish grade.
W-313	Portland Water Bureau	Water Vault	Point	1172 + 45	56 L	Proposed sidewalk	Water vault to remain per PWB Relocation Plan. Adjust to finish grade.
W-314	Portland Water Bureau	Water Vault	Point	1172 + 25	15 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-315	Portland Water Bureau	Water Meter	Point	1172 + 40	35 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-316	Portland Water Bureau	Water Vault	Point	1172 + 50	16 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-317	Portland Water Bureau	Water Vault	Point	1172 + 55	10 L	Proposed full depth roadway construction	Adjust to finish grade.
W-318	Portland Water Bureau	Water Valve	Linear	1172 + 60	17 R	Proposed full depth roadway construction, sidewalk, curb & gutter, and storm	Water valve to remain per PWB Relocation Plan. Adjust to finish grade.
W-319	Portland Water Bureau	Water Manhole	Point	1172 + 60	27 R	Proposed sidewalk	Confirm existence. Adjust to finish grade if needed.
W-320	Portland Water Bureau	Water Main	Point	1172 + 35	53 L	Proposed full depth roadway construction, curb & gutter, sidewalk, and storm line	Water main to be abandoned and replaced per PWB Relocation Plan.
W-321	Portland Water Bureau	Water Valve	Point	1172 + 50	35 L	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
Sheet No. C18C							
W-322	Portland Water Bureau	Water Meter	Point	1172 + 75	30 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-323	Portland Water Bureau	Conduit #3	Linear	1172 + 50 to 1178 + 50	13 L	Proposed full depth roadway construction	Protect in place.
W-324	Portland Water Bureau	Water Main	Linear	1172 + 50 to 1178 + 50	28 R	Proposed full depth construction, sidewalk, raised bicycle lane, ADA curb ramp, curb & gutter	Water main to be abandoned and replaced per PWB Relocation Plan.
W-325	Portland Water Bureau	Water Meter	Point	1174 + 15	28 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-326	Portland Water Bureau	Water Service Line	Linear	1174 + 15	18 R	Proposed full depth roadway construction, sidewalk, curb & gutter, and storm	Water line to be abandoned and replaced per PWB Relocation Plan.
W-327	Portland Water Bureau	Water Line	Linear	1174 + 70	18 R	Proposed full depth roadway construction, sidewalk, curb & gutter, and storm	Water line to be abandoned and replaced per PWB Relocation Plan.
W-328	Portland Water Bureau	Water Meter & Service Line	Point	1175 + 15	29 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-329	Portland Water Bureau	Water Meter & Service Line	Point	1175 + 65	29 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-330	Portland Water Bureau	Water Meter & Service Line	Point	1176 + 60	29 R	Proposed curb ramp and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-331	Portland Water Bureau	Water Valve	Point	1177 + 35	38 L	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-332	Portland Water Bureau	Water Meter	Point	1177 + 40	59 L	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-333	Portland Water Bureau	Water Meter	Point	1177 + 40	57 L	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-334	Portland Water Bureau	Water Meter (2)	Point	1177 + 55	17 R	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-335	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1177 + 60	24 R	Proposed full depth roadway construction	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-336	Portland Water Bureau	Water Valve	Point	1177 + 60	13 R	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-337	Portland Water Bureau	Water Valve	Point	1177 + 65	18 R	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-338	Portland Water Bureau	Water Valve	Point	1177 + 65	41 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-339	Portland Water Bureau	Water Main	Linear	1177 + 20 to 1178 + 50	28 R	Proposed full depth construction, sidewalk, storm design, and curb & gutter	Water main to be abandoned and replaced per PWB Relocation Plan.
Sheet No. C19E							

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline (ft)	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
W-340	Portland Water Bureau	Conduit #3	Linear	1178 + 50 to 1184 + 00	17 L	Proposed full depth roadway construction	Protect in place.
W-341	Portland Water Bureau	Water Main	Linear	1178 + 50 to 1184 + 00	17 R	Proposed concrete bus pad, curb & gutter, storm facilities, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-342	Portland Water Bureau	Water Main	Linear	1178 + 50 to 1184 + 00	25 R	Proposed raised bicycle lane, bus landing, driveways, storm facilities, curb ramp, and curb & gutter	Water main to be abandoned and replaced per PWB Relocation Plan.
W-343	Portland Water Bureau	Water Manhole	Point	1178 + 58	17 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-344	Portland Water Bureau	Water meter & service line	Point	1179 + 31	37 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-345	Portland Water Bureau	Water Meter	Point	1179 + 58	31 L	Proposed sidewalk and planter zone	Water meter to be replaced per PWB Relocation Plan.
W-346	Portland Water Bureau	Water service Line	Linear	1179 + 57	Crossing	Proposed curb & gutter, storm line, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-347	Portland Water Bureau	Water Meter & Service Line	Point	1180 + 86	37 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-348	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1181 + 31	36 R	Proposed sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-349	Portland Water Bureau	Water Valve	Point	1181 + 31	24 R	Proposed raised bicycle lane	Water valve to be replaced per PWB Relocation Plan.
W-350	Portland Water Bureau	Water valve	Point	1181 + 61	57 L	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-351	Portland Water Bureau	Water Main	Linear	1181 + 78	Crossing	Proposed ADA curb ramps, curb & gutter, sidewalk, and full depth roadway construction & storm line	Water main to be abandoned and replaced per PWB Relocation Plan.
W-352	Portland Water Bureau	Water Valve	Point	1181 + 84	22 R	Proposed planter zone	Water valve to be replaced per PWB Relocation Plan.
W-353	Portland Water Bureau	Water Meter & Service Line	Point	1181 + 95	27 R	Proposed raised bicycle lane and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-354	Portland Water Bureau	Water Meter & Service Line	Point	1182 + 34	28 R	Proposed raised bicycle lane and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-355	Portland Water Bureau	Water Line	Linear	1182 + 58	Crossing	Proposed sidewalk, curb & gutter, storm lines, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-356	Portland Water Bureau	Fire hydrant	Point	1184 + 22	37 L	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-357	Portland Water Bureau	Water Valve	Point	1184 + 22	32 L	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-358	Portland Water Bureau	Water Line	Linear	1184 + 22	Crossing	Proposed sidewalk, curb & gutter, storm line, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-359	Portland Water Bureau	Water Meter	Point	1184 + 25	23 R	Proposed planter, raised bicycle lane, and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-360	Portland Water Bureau	Water Main	Linear	1184 + 26	35 L	Proposed sidewalk and curb & gutter	Water main to be abandoned and replaced per PWB Relocation Plan.
W-361	Portland Water Bureau	Water Valves (3)	Point	1184 + 28	39 L	Proposed sidewalk	Water valves to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
Sheet No. C20E							
W-362	Portland Water Bureau	Water Line	Linear	1184 + 44	38 L	Proposed sidewalk and curb & gutter	Water line to be abandoned and replaced per PWB Relocation Plan.
W-363	Portland Water Bureau	Water Meter & Service Line	Point	1184 + 44	22 R	Proposed planter and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-364	Portland Water Bureau	Water Line	Linear	1184 + 59	24 L	Proposed sidewalk, curb & gutter, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-365	Portland Water Bureau	Water Main	Linear	1184 + 00 to 1190 + 00	12 R	Proposed full depth roadway construction and storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-366	Portland Water Bureau	Water Main	Linear	1184 + 00 to 1190 + 00	19 R	Proposed planter zone, curb & gutter, concrete bus pad, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-367	Portland Water Bureau	Water Line	Linear	1185 + 13	Crossing	Proposed sidewalk, curb & gutter, storm line, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-368	Portland Water Bureau	Water Meter & Service Line	Point	1185 + 42	22 R	Proposed planter and temporary travel lane during construction	Water service and meter to be replaced per PWB Relocation Plan.
W-369	Portland Water Bureau	Conduit #3	Linear	1184 + 00 to 1190 + 00	21 L	Proposed concrete bus pad, curb & gutter, storm facilities, and full depth roadway construction	Protect in place.
W-370	Portland Water Bureau	Water Service Line	Linear	1186 + 68	Crossing	Proposed bus station, curb & gutter, concrete bus pad, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-371	Portland Water Bureau	Water Meter	Point	1186 + 68	37 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-372	Portland Water Bureau	Water Main	Linear	1187 + 84	18 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-373	Portland Water Bureau	Water Valve	Point	1187 + 86	46 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-374	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1187 + 91	46 R	Proposed ADA curb ramp and Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-375	Portland Water Bureau	Water Line	Linear	1188 + 51	Crossing	Proposed sidewalk, storm line, curb & gutter, concrete bus pad and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-376	Portland Water Bureau	Water Manhole	Point	1189 + 41	24 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-377	Portland Water Bureau	Water Line	Linear	1189 + 74	80 L	Proposed curb & gutter, Proposed sidewalk and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-378	Portland Water Bureau	Water Line	Linear	1189 + 74	69 L	Proposed curb & gutter, Proposed sidewalk and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-379	Portland Water Bureau	Water Main	Linear	1189 + 84	Crossing	Proposed ADA curb ramp, curb & gutter, storm line, sidewalk, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-380	Portland Water Bureau	Water Valve	Point	1189 + 74	80 L	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-381	Portland Water Bureau	Water Valve	Point	1189 + 80	16 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
Sheet No. C21E							
W-382	Portland Water Bureau	Conduit #3	Linear	1190 + 00 to 1196 + 00	24 L	Proposed curb & gutter, ADA curb ramp and full depth roadway construction	Protect in place.
W-383	Portland Water Bureau	Water Meter	Point	1190 + 49	19 R	Proposed planter zone, curb & gutter, and full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-384	Portland Water Bureau	Water Main	Linear	1190 + 00 to 1196 + 00	6 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-385	Portland Water Bureau	Water Main	Linear	1190 + 00 to 1196 + 00	16 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-386	Portland Water Bureau	Water service Line	Linear	1191 + 56	Crossing	Proposed sidewalk, storm line, curb & gutter, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-387	Portland Water Bureau	Water Meter	Point	1191 + 51	36 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-388	Portland Water Bureau	Water Meter & Service Line	Point	1191 + 58	28 R	Proposed raised bicycle lane, storm line, curb & gutter, and sidewalk	Water service and meter to be replaced per PWB Relocation Plan.
W-389	Portland Water Bureau	Water Line	Linear	1192 + 35	Crossing	Proposed sidewalk, curb & gutter, and full depth roadway construction	Water line to be abandoned and replaced per PWB Relocation Plan.
W-390	Portland Water Bureau	Water Line	Linear	1192 + 30	38 R	Proposed sidewalk	Water line to be abandoned and replaced per PWB Relocation Plan.
W-391	Portland Water Bureau	Water Meter	Point	1192 + 37	40 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-392	Portland Water Bureau	Water Meter	Point	1192 + 88	16 R	Proposed full depth roadway construction and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-393	Portland Water Bureau	Water Meters (2) & Service Lines	Linear	1193 + 26	Crossing	Proposed sidewalk, driveway, curb & gutter, and full depth roadway construction	Water service and meters to be replaced per PWB Relocation Plan.
W-394	Portland Water Bureau	Water Lines (3)	Linear	1193 + 32	Crossing	Proposed sidewalk, driveway, curb & gutter, and full depth roadway construction	Water lines to be abandoned and replaced per PWB Relocation Plan.
W-395	Portland Water Bureau	Water Valve	Point	1193 + 52	6 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-396	Portland Water Bureau	Water Main	Linear	1193 + 52	6 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-397	Portland Water Bureau	Water valve	Point	1194 + 15	20 R	Proposed full depth roadway construction and storm line	Water valve to be replaced per PWB Relocation Plan.
W-398	Portland Water Bureau	Water Line	Linear	1194 + 15	15 R	Proposed full depth roadway construction and storm line	Water lines to be abandoned and replaced per PWB Relocation Plan.
W-399	Portland Water Bureau	Water Service Line	Linear	1195 + 09	Crossing	Proposed sidewalk, planter zone, curb line and full depth roadway construction	Water lines to be abandoned and replaced per PWB Relocation Plan.
W-400	Portland Water Bureau	Water Meter	Point	1195 + 09	40 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-401	Portland Water Bureau	Water Manhole	Point	1195 + 21	25 L	Proposed curb & gutter, and full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-402	Portland Water Bureau	Water valve	Point	1195 + 65	65 L	Proposed full depth roadway construction	Adjust to finish grade.
W-403	Portland Water Bureau	Water valve	Point	1195 + 64	17 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-404	Portland Water Bureau	Water Main	Linear	1195 + 64	Crossing	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-405	Portland Water Bureau	Water Meter & Service Line	Point	1195 + 69	72 L	Proposed sidewalk	Adjust to finish grade.
W-406	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1195 + 69	66 L	Proposed sidewalk	Adjust to finish grade.
W-407	Portland Water Bureau	Water Meter & Service Line	Point	1195 + 85	17 R	Proposed full depth roadway construction	Water service and meter to be replaced per PWB Relocation Plan.
Sheet No. C22E							
W-408	Portland Water Bureau	Conduit #3	Linear	1196 + 00 to 1201 + 50	18 L	Proposed full depth roadway construction	Protect in place.
W-409	Portland Water Bureau	Water Main	Linear	1196 + 00 to 1201 + 50	11 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-410	Portland Water Bureau	Water Main	Linear	1196 + 00 to 1201 + 50	23 R	Proposed raised bicycle lane and transition, storm facilities, driveway, curb & gutter, and ADA curb ramps	Water main to be abandoned and replaced per PWB Relocation Plan.
W-411	Portland Water Bureau	Water Meter	Point	1197 + 41	28 R	Proposed raised bicycle lane and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-412	Portland Water Bureau	Water Meter	Point	1197 + 66	25 R	Proposed raised bicycle lane and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-413	Portland Water Bureau	Water Service Line	Linear	1197 + 88	Crossing	Proposed sidewalk, curb & gutter, storm facilities, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-414	Portland Water Bureau	Water Meter	Point	1197 + 88	33 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-415	Portland Water Bureau	Water Service Line	Linear	1198 + 79	23 R	Proposed driveway and raised bicycle lane	Water line to be replaced per PWB Relocation Plan.
W-416	Portland Water Bureau	Water Line	Linear	1199 + 31	23 R	Proposed raised bicycle lane, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-417	Portland Water Bureau	Water Valve	Point	1199 + 78	22 R	Proposed driveway	Water valve to be replaced per PWB Relocation Plan.
W-418	Portland Water Bureau	Water Main	Linear	1199 + 82	Crossing	Proposed curb ramp, curb & gutter, driveway, sidewalk, storm lines, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-419	Portland Water Bureau	Water Meter	Point	1199 + 85	18 L	Proposed full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-420	Portland Water Bureau	Water Manhole	Point	1199 + 92	41 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-421	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1200 + 15	23 R	Proposed ADA curb ramp and raised bicycle lane	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-422	Portland Water Bureau	Water Meter	Point	1201 + 44	23 R	Proposed planter zone	Water meter to be replaced per PWB Relocation Plan.
W-423	Portland Water Bureau	Water Line	Linear	1201 + 44	23 R	Proposed planter zone, raised bicycle lane and sidewalk	Water line to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
Sheet No. C23E							
W-424	Portland Water Bureau	Conduit #3	Linear	1201 + 50 to 1207 + 50	18 L	Proposed concrete bus pad, curb & gutter, driveway, sidewalk, and full depth roadway construction	Protect in place.
W-425	Portland Water Bureau	Water Main	Linear	1201 + 50 to 1207 + 50	15 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-426	Portland Water Bureau	Water Main	Linear	1201 + 50 to 1207 + 50	21 R	Proposed raised bicycle lanes and transitions, concrete bus pad, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-427	Portland Water Bureau	Water meter	Point	1202 + 12	22 R	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-428	Portland Water Bureau	Water service Line	Linear	1202 + 86	Crossing	Proposed full depth roadway construction, storm lines, curb & gutter, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-429	Portland Water Bureau	Water Meters (7)	Point	1202 + 85	32 L	Proposed driveway, sidewalk, and temporary travel lane during construction	Water meters to be replaced per PWB Relocation Plan.
W-430	Portland Water Bureau	Water meter	Point	1202 + 95	33 L	Proposed sidewalk and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-431	Portland Water Bureau	Water Main	Linear	1202 + 98	Crossing	Proposed full depth roadway construction, storm lines, curb & gutter, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-432	Portland Water Bureau	Water Supply Line	Linear	1203 + 62	Crossing	Proposed full depth roadway construction, storm lines, curb & gutter, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-433	Portland Water Bureau	Water Meter	Point	1203 + 62	32 L	Proposed driveway and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-434	Portland Water Bureau	Water Vault	Point	1203 + 80	30 R	Proposed driveway	Water vault to remain per PWB Relocation Plan.
W-435	Portland Water Bureau	Water Valve	Point	1203 + 80	33 R	Proposed driveway	Water valve to remain per PWB Relocation Plan.
W-436	Portland Water Bureau	Water Valve	Point	1203 + 88	23 R	Proposed full depth roadway construction	Water valve to remain per PWB Relocation Plan.
W-437	Portland Water Bureau	Water Valve	Point	1203 + 88	29 R	Proposed driveway	Water valve to remain per PWB Relocation Plan.
W-438	Portland Water Bureau	Water Main	Linear	1203 + 88	29 R	Proposed curb line, driveway, and full depth roadway construction	Water line to remain per PWB Relocation Plan.
W-439	Portland Water Bureau	Water Line	Linear	1204 + 35	Crossing	Bus landing, curb & gutter, storm line, concrete bus pad, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-440	Portland Water Bureau	Water Meter	Point	1204 + 29	33 L	Proposed bus landing and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-441	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1204 + 66	34 R	Proposed sidewalk and storm facilities	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-442	Portland Water Bureau	Water Manhole	Point	1205 + 22	19 L	Proposed full depth roadway construction	Confirm existence. Adjust to finish grade if needed.
W-443	Portland Water Bureau	Water Line	Linear	1205 + 30	Crossing	Proposed sidewalk, curb & gutter, concrete bus pad, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-444	Portland Water Bureau	Water meter	Point	1205 + 30	32 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-445	Portland Water Bureau	Water Line	Linear	1205 + 32	Crossing	Proposed sidewalk, curb & gutter, storm line, concrete bus pad, and full depth roadway construction	Water line to remain per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-446	Portland Water Bureau	Water Valve	Point	1205 + 32	20 R	Proposed concrete bus pad	Water valve to be replaced per PWB Relocation Plan.
W-447	Portland Water Bureau	Water Line	Linear	1205 + 34	Crossing	Proposed sidewalk, curb & gutter, storm line, concrete bus pad, and full depth roadway construction	Water line to remain per PWB Relocation Plan.
W-448	Portland Water Bureau	Water Valve	Point	1205 + 34	20 R	Proposed concrete bus pad	Water valve to be replaced per PWB Relocation Plan.
W-449	Portland Water Bureau	Water Vault	Point	1205 + 33	40 L	Proposed sidewalk	Water meter to remain per PWB Relocation Plan.
W-450	Portland Water Bureau	Water Line	Linear	1207 + 15	Crossing	Proposed sidewalk, driveway, planter zone, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-451	Portland Water Bureau	Water Meter	Linear	1207 + 11	38 L	Proposed driveway	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C24E							
W-452	Portland Water Bureau	Water Main	Linear	1207 + 50 to 1213 + 00	14 R	Proposed full depth roadway construction, curb & gutter, and storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-453	Portland Water Bureau	Water Main	Linear	1207 + 50 to 1213 + 00	20 R	Proposed full depth roadway construction, curb & gutter, and storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan.
W-454	Portland Water Bureau	Water Main	Linear	1208 + 52	Crossing	Proposed ADA curb ramp, curb & gutter, storm line, sidewalk and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-455	Portland Water Bureau	Water Main	Linear	1208 + 89	Crossing	Proposed curb line, curb & gutter, storm line, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-456	Not Used						
W-457	Portland Water Bureau	Water Service Line	Linear	1210 + 07	Crossing	Proposed sidewalk, raised bicycle lane, storm line, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-458	Portland Water Bureau	Water Service Line	Linear	1210 + 75	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-459	Portland Water Bureau	Water Valve	Point	1211 + 41	26 L	Proposed raised bicycle lane	Water valve to be replaced per PWB Relocation Plan.
W-460	Portland Water Bureau	Water Line	Linear	1211 + 08	Crossing	Proposed sidewalk, raised bicycle lane, driveway, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-461	Portland Water Bureau	Water meter	Point	1211 + 78	37 L	Proposed driveway	Water meter to be replaced per PWB Relocation Plan.
W-462	Portland Water Bureau	Water Service Line	Linear	1211 + 87	Crossing	Proposed sidewalk, raised bicycle lane, driveway, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-463	Portland Water Bureau	Water Line	Linear	1212 + 09	Crossing	Proposed sidewalk, raised bicycle lane, driveway, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-464	Portland Water Bureau	Water Vault	Point	1212 + 57	29 R	Proposed raised bicycle lane, sidewalk, and sound wall	Remove and relocate.
W-465	Portland Water Bureau	Water Line	Linear	1212 + 60	16 R	Proposed curb line, raised bicycle lane, sidewalk, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-466	Portland Water Bureau	Water Valve	Point	1212 + 64	16 R	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-467	Portland Water Bureau	Water service Line	Linear	1212 + 93	Crossing	Proposed raised bicycle lane, curb & gutter, concrete bus pad, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-468	Portland Water Bureau	Water Meter	Point	1212 + 92	34 L	Proposed raised bicycle lane and sidewalk	Water meter to be replaced per PWB Relocation Plan.
Sheet No. C25E							
W-469	Portland Water Bureau	Water Main	Linear	1213 + 00 to 1219 + 00	15 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-470	Portland Water Bureau	Water Meter & Service Line	Point	1213 + 94	20 R	Proposed curb & gutter, storm lines, concrete bus pad, full depth roadway construction, and temporary travel lane during construction	Water line and meter to be replaced per PWB Relocation Plan.
W-471	Portland Water Bureau	Water Valve	Point	1213 + 94	26 R	Proposed raised bicycle lane	Hose bib to be relocated.
W-472	Portland Water Bureau	Water Main	Linear	1213 + 97	Crossing	Proposed bus station, curb & gutter, storm line, concrete bus pad, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-473	Portland Water Bureau	Water Meter	Point	1213 + 97	35 L	Proposed bus landing and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-474	Portland Water Bureau	Water Meter	Point	1214 + 00	35 L	Proposed bus landing and temporary travel lane during construction	Water meter to be replaced per PWB Relocation Plan.
W-475	Portland Water Bureau	Water Main	Linear	1214 + 00	Crossing	Proposed bus station, curb & gutter, storm line, concrete bus pad, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-476	Portland Water Bureau	Water Main	Linear	1214 + 85	Crossing	Proposed full depth roadway construction, and storm line	Protect in place.
W-477	Portland Water Bureau	Water Main	Linear	1215 + 00	Crossing	Proposed full depth roadway construction	Protect in place.
W-478	Portland Water Bureau	Water Valve	Point	1215 + 03	62 L	Proposed full depth roadway construction	Adjust to finish grade.
W-478.1	Portland Water Bureau	Fire Hydrant & Supply Line & Valve	Point	1215 + 12	65 L	Proposed sidewalk	Hydrant to remain per PWB Relocation Plan. Adjust to finish grade as required.
W-479	Portland Water Bureau	Water Meter & Service Line	Point	1215 + 17	64 L	Proposed sidewalk and curb & gutter	Adjust to finish grade.
W-480	Portland Water Bureau	Water Main	Linear	1215 + 17	Crossing	Proposed full depth roadway construction, and storm line	Water line to be replaced per PWB Relocation Plan.
W-481	Portland Water Bureau	Water Valves (2)	Point	1215 + 21	22 R	Proposed full depth roadway construction	Water valves to be replaced per PWB Relocation Plan.
W-482	Portland Water Bureau	Water Main	Linear	1215 + 22	13 R	Proposed ADA curb ramp, curb & gutter, sidewalk and full depth roadway construction	Water line to remain per PWB Relocation Plan.
W-483	Portland Water Bureau	Water Line	Linear	1216 + 39	12 L	Proposed planter zone, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-484	Portland Water Bureau	Water Valve	Point	1216 + 39	33 L	Proposed planter zone and driveway	Water valve to be replaced per PWB Relocation Plan.
W-485	Portland Water Bureau	Water Line	Linear	1217 + 12	32 L	Proposed sidewalk, raised bicycle lane and driveway	Water line to be replaced per PWB Relocation Plan.
W-486	Portland Water Bureau	Water Line	Linear	1217 + 66	Crossing	Proposed raised bicycle lane, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-487	Portland Water Bureau	Water Valve	Point	1217 + 64	32 L	Proposed raised bicycle lane	Water valve to be replaced per PWB Relocation Plan.
W-488	Portland Water Bureau	Water Valve	Point	1218 + 06	34 L	Proposed sidewalk	Water valve to be replaced per PWB Relocation Plan.
W-489	Portland Water Bureau	Water Line	Linear	1218 + 09	Crossing	Proposed raised bicycle lane, curb & gutter, storm line, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-490	Portland Water Bureau	Water Valve	Point	1218 + 98	40 L	Proposed ADA curb ramp	Remove and relocate.
Sheet No. C26E							
W-491	Portland Water Bureau	Water Main	Linear	1219 + 00 - 1225 + 00	17 R	Proposed full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-492	Portland Water Bureau	Water Valve	Point	1219 + 54	35 L	Proposed ADA curb ramp	Water valve to be replaced per PWB Relocation Plan.
W-493	Portland Water Bureau	Water Main	Linear	1219 + 54	Crossing	Proposed ADA curb ramp, storm line, curb & gutter, sidewalk and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-493.1	Portland Water Bureau	Water Main	Linear	1219+50	Crossing	Proposed ADA curb ramp, storm line, curb & gutter, sidewalk and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-494	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1219 + 58	38 L	Proposed ADA curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-495	Portland Water Bureau	Water Meter & Service Line	Point	1219 + 63	23 R	Proposed ADA curb ramp, raised bicycle lane, planter, and temporary travel lane during construction	Water line and meter to be replaced per PWB Relocation Plan.
W-496	Portland Water Bureau	Water Service Line	Linear	1221 + 32	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, storm line, and full depth roadway construction	Water line and meter to be replaced per PWB Relocation Plan.
W-497	Portland Water Bureau	Water Service Line	Linear	1221 + 35	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, storm line, and full depth roadway construction	Water line and meter to be replaced per PWB Relocation Plan.
W-498	Portland Water Bureau	Water Valve	Point	1222 + 48	35 L	Proposed sidewalk	Hose bib to be relocated.
W-499	Portland Water Bureau	Water Valve	Point	1222 + 95	35 L	Proposed sidewalk	Hose bib to be relocated.
W-500	Portland Water Bureau	Water Service Line	Linear	1223 + 20	Crossing	Proposed full depth roadway construction, storm line, curb & gutter, raised bicycle lane, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-501	Portland Water Bureau	Water meter & Water Valve	Point	1223 + 20	35 L	Proposed ADA curb ramp	Water valve and meter to be replaced per PWB Relocation Plan.
W-502	Portland Water Bureau	Water Meter	Point	1223 + 67	35 L	Proposed sidewalk	Water meter to be replaced per PWB Relocation Plan.
W-503	Portland Water Bureau	Water Service Line	Linear	1223 + 68	Crossing	Proposed full depth roadway construction, storm line, curb & gutter, raised bicycle lane, and sidewalk	Water line to be replaced per PWB Relocation Plan.
W-504	Portland Water Bureau	Water Meter	Point	1224 + 49	104 L	Proposed curb & gutter and sidewalk	Adjust to finish grade.
W-505	Portland Water Bureau	Water Valve	Point	1224 + 58	59 L	Proposed curb & gutter, and full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-506	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1224 + 62	55 L	Proposed and Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-507	Portland Water Bureau	Water Main	Linear	1224 + 64	Crossing	Proposed curb & gutter, storm facilities, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-507.1	Portland Water Bureau	Water Main	Linear	1224 + 55	72 L		Water Main to remain per PWB Relocation Plan. Verify depth of water main to confirm it can remain.
W-508	Portland Water Bureau	Water service Line	Linear	1224 + 49	104 L	Proposed curb line, Proposed sidewalk and full depth roadway construction	Water Service Line to remain per PWB Relocation Plan. Verify depth of water main to confirm it can remain.
W-509	Portland Water Bureau	Water Main	Linear	1224 + 62	55 L	Proposed curb & gutter, and Proposed sidewalk	Relocate service
Sheet No. C27E							
W-510	Portland Water Bureau	Water Main	Linear	1225 + 00 to 1230 + 50	15 R	Proposed concrete bus pad, curb & gutter, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-511	Portland Water Bureau	Water Service Line	Linear	1228 + 70	Crossing	Proposed sidewalk, raised bicycle lane, storm facilities, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-512	Portland Water Bureau	Water Service Line	Linear	1228 + 73	Crossing	Proposed sidewalk, raised bicycle lane, storm facilities, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-513	Portland Water Bureau	Water service Line	Linear	1229 + 82	Crossing	Proposed sidewalk, raised bicycle lane, storm facilities, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-514	Portland Water Bureau	Water service Line	Linear	1230 + 26	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-515	Portland Water Bureau	Water Line	Linear	1230 + 32	Crossing	Proposed sidewalk, raised bicycle lane, storm facilities, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-516	Portland Water Bureau	Water Meters (2)	Point	1230 + 64	36 L	Proposed sidewalk	Water meter to remain per PWB Relocation Plan.
W-517	Portland Water Bureau	Water Meter	Point	1230 + 86	36 L	Proposed sidewalk and driveway	Water meter to be replaced per PWB Relocation Plan.
W-518	Portland Water Bureau	Water Service Line	Linear	1230 + 87	Crossing	Proposed driveway, raised bicycle lane, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
Sheet No. C28E							
W-519	Portland Water Bureau	Water Main	Linear	1230 + 50 to 1236 + 50	15 R	Proposed full depth roadway construction, and storm lines	Water main to be abandoned and replaced per PWB Relocation Plan.
W-520	Portland Water Bureau	Water Valve	Point	1232 + 72	50 L	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-521	Portland Water Bureau	Water Valve	Point	1232 + 73	44 L	Proposed full depth roadway construction	Water valve to be replaced per PWB Relocation Plan.
W-522	Portland Water Bureau	Water Main	Linear	1232 + 76	Crossing	Proposed full depth roadway construction, and storm line	Water main to be abandoned and replaced per PWB Relocation Plan.
W-523	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1232 + 81	52 L	Proposed sidewalk	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-524	Portland Water Bureau	Water Line	Linear	1233 + 31	17 R	Proposed sidewalk, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-525	Portland Water Bureau	Water Vault	Point	1233 + 38	30 R	Proposed ADA curb ramp	Water vault to be relocated per PWB Relocation Plan.
W-526	Portland Water Bureau	Water Line	Linear	1234 + 89	17 R	Proposed sidewalk, raised bicycle lane, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
Sheet No. C29E							
W-527	Portland Water Bureau	Water Main	Linear	1236 + 50 to 1242 + 50	18 R	Proposed full depth roadway construction & storm facilities	Water main to be abandoned and replaced per PWB Relocation Plan to 1236+80.
W-528	Portland Water Bureau	Water Service Line	Linear	1236 + 34	Crossing	Proposed sidewalk, raised bicycle lane, storm line, curb & gutter, and full depth roadway construction	Water line to be replaced per PWB Relocation Plan.
W-529	Portland Water Bureau	Water Meter	Point	1236 + 34	34 L	Proposed sidewalk	Relocate per PWB Relocation Plan.
W-530	Portland Water Bureau	Water Meter	Point	1238 + 00	33 L	Proposed sidewalk	Relocate per PWB Relocation Plan.
W-531	Portland Water Bureau	Water Service Line	Linear	1238 + 05	Crossing	Proposed sidewalk, storm facility, and full depth roadway construction	Relocate per PWB Relocation Plan.
W-532	Portland Water Bureau	Water Service Line	Linear	1238 + 27	18 R	Proposed raised bicycle lane, curb & gutter, and full depth roadway construction	Relocate per PWB Relocation Plan.
W-533	Portland Water Bureau	Water Meter	Point	1238 + 29	40 R	Proposed sidewalk and raised bicycle lane	Relocate per PWB Relocation Plan.
W-534	Portland Water Bureau	Water Meter	Linear	1238 + 54	79 L	Proposed curb & gutter, and full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-535	Portland Water Bureau	Water valve	Point	1238 + 56	56 L	Proposed full depth roadway construction	Water meter to be replaced per PWB Relocation Plan.
W-536	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1238 + 11	44 L	Proposed ADA curb ramp	Fire hydrant assembly to be removed and replaced per PWB Relocation Plan.
W-537	Portland Water Bureau	Water Valve	Point	1238 + 59	44 L	Proposed ADA curb ramp, and curb & gutter	Water meter to be replaced per PWB Relocation Plan.
W-538	Portland Water Bureau	Water Main	Linear	1237 + 62	Crossing	Proposed curb & gutter and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan.
W-538.1	Portland Water Bureau	Water Main	Point	1239 + 13	19 R	Proposed storm pipe	Verify depth of water main, relocate if warranted.
W-539	Portland Water Bureau	Water Meter & Service Line	Point	1239 + 99	41 R	Proposed sidewalk and raised bicycle lane	Relocate per PWB Relocation Plan.
W-540	Portland Water Bureau	Water Meter	Point	1242 + 17	41 R	Proposed sidewalk, planter, and temporary travel lane during construction	Relocate per PWB Relocation Plan.
W-540.1	Portland Water Bureau	Water Main	Point	1242 + 05	19 R	Proposed storm pipe	Verify depth of water main, relocate if warranted.
W-541	Portland Water Bureau	Water Meter	Point	1242 + 22	42 R	Proposed sidewalk, planter, and temporary travel lane during construction	Relocate per PWB Relocation Plan.
Sheet No. C30E							
W-542	Portland Water Bureau	Water Service Line	Linear	1243 + 35	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, storm facility, and full depth roadway construction	Relocated per PWB Relocation Plan.
W-543	Portland Water Bureau	Water Service Line	Linear	1243 + 42	Crossing	Proposed sidewalk, raised bicycle lane, curb & gutter, and full depth roadway construction	Relocated per PWB Relocation Plan.
W-544	Portland Water Bureau	Water Main	Linear	1242 + 50 to 1248 + 00	22 R	Proposed full depth roadway construction	Approx. 2-ft cover during roadway construction.
W-545	Portland Water Bureau	Water Meter & Service Line	Point	1245 + 15	43 R	Proposed planter and temporary travel lane during construction	Relocated per PWB Relocation Plan.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
W-546	Portland Water Bureau	Water Valve	Point	1246 + 60	26 R	Proposed full depth roadway construction	Adjust to finish grade.
W-547	Portland Water Bureau	Water valve	Point	1246 + 74	125 L	Proposed full depth roadway construction	Design revised. No longer in conflict.
W-548	Portland Water Bureau	Water Main	Linear	1247 + 04	Crossing	Proposed full depth roadway construction	Verify depth of water main, relocate if warranted.
W-549	Portland Water Bureau	Water Valve	Point	1247 + 14	35 R	Proposed full depth roadway construction	Adjust to finish grade.
W-550	Portland Water Bureau	Water Valve	Point	1247 + 38	121 R	Proposed full depth roadway construction	Adjust to finish grade.
W-551	Portland Water Bureau	Water Main	Linear	1247 + 15	Crossing	Proposed full depth roadway construction	Verify depth of water main, relocate if warranted.
W-552	Portland Water Bureau	Water Valve	Point	1247 + 07	128 L	Proposed full depth roadway construction	Design revised. No longer in conflict.
W-553	Portland Water Bureau	Fire Hydrant & Supply Line	Point	1246 + 98	79 L	Proposed sidewalk	Adjust to finish grade.
W-553.1	Portland Water Bureau	Water Valve	Point	1247 + 14	31 L	Proposed full depth roadway construction	Adjust to finish grade.
W-554	Portland Water Bureau	Water Meter & Service Line	Point	1247 + 18	34 L	Proposed ADA curb ramp and storm sewer.	Relocated per PWB Relocation Plan.
W-555	Portland Water Bureau	Water Valve	Point	1247 + 29	29 R	Proposed full depth roadway construction	Adjust to finish grade.
W-556	Portland Water Bureau	Water Valves (2)	Point	1247 + 40	29 R	Proposed full depth roadway construction	Adjust to finish grade.
W-557	Portland Water Bureau	Water Vault	Point	1247 + 35	50 R	Proposed ADA curb ramp, curb & gutter, and full depth roadway construction	Remove and relocate.
W-558	Portland Water Bureau	Water Main	Linear	1247 + 23	65 R	Proposed curb & gutter, Proposed sidewalk and full depth roadway construction	Verify depth of water main, relocate if warranted.
W-559	Portland Water Bureau	Water Valve	Point	1247 + 21	41 R	Proposed full depth roadway construction	Adjust to finish grade.
W-560	Portland Water Bureau	Water Valve	Point	1247 + 23	65 R	Proposed full depth roadway construction	Adjust to finish grade.
W-561	Portland Water Bureau	Water Main	Linear	1247 + 15	Crossing	Proposed curb & gutter, and full depth roadway construction	Verify depth of water main, relocate if warranted.
W-562	Portland Water Bureau	Water Valve	Point	1247 + 45	120 R	Proposed full depth roadway construction	Adjust to finish grade.

1	2	3	4	5	6	10	11
Item No.	Owner	Item	Conflict Type	Station	Offset from centerline	Proposed Conflict with...	MURRAYSMITH 90% DESIGN RECOMMENDED CONFLICT RESOLUTION (PWB TO CONFIRM)
					(ft)		
Sheet No. C31E							
W-563	Portland Water Bureau	Water Main	Linear	1248 + 80 to 1251 + 53	21 R	Proposed concrete bus pad, and full depth roadway construction	Water main to be abandoned and replaced per PWB Relocation Plan. Verify depth of water main outside of relocation.
W-564	Portland Water Bureau	(2) Water Valves	Point	1250 + 31	44 R	Proposed sidewalk	Relocated per PWB Relocation Plan.
W-565	Portland Water Bureau	(2) Water Valves	Point	1251 + 53	20 R	Proposed sidewalk	Adjust to finish grade.

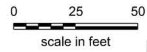
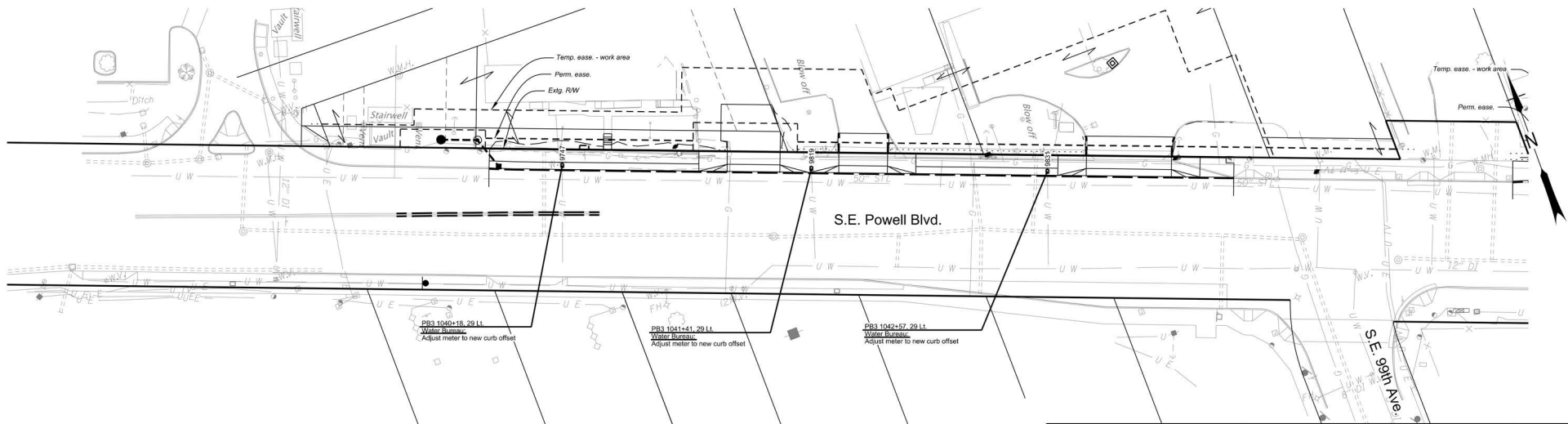
Notes

- 1) Item No. to This item number is assigned by Murraysmith.
- 2) See separate reimbursability figures for reimbursable relocations.
- 3) Water conduits within 7.5 ft. horizontally of proposed work are shown as Proposed conflicts.
- 4) Utilities within 6 inches vertically or 6 feet horizontally of proposed storm are shown as Proposed storm Sewer conflicts.
 Gas/Existing Water/Sanitary Sewer/Existing Proposed storm/Fiber Optics with less than 2.0 ft. of cover during construction or within 1.0 ft. horizontally of proposed work are shown as Proposed conflicts.
 Power/Telephone/Cable TV with less than 1.0 ft. of cover during construction or within 1.0 ft. horizontally of proposed work are shown as Proposed conflicts.
 Any utilities with less than the minimum assumed standard depth of cover (see Column Note 15) after construction are also shown as Cover Requirements conflicts.
- 5) Assumed Depth to Utility TOP is assumed depth from existing ground surface to outside top of pipe. Assumed depth ranges are based on typical standard depths of cover as indicated by utilities, adjusted based on valve operating nut depth measurements w/
 Assumed standard depth of cover ranges, to account for Proposed depth variations, as indicated by utilities: Gas/Existing Water/Electric, 2.5-3.5 ft. Telephone, 2-3 ft. Cable TV, 2-3 ft.
- 6) Existing Ground Surface Elevation based on survey information where applicable. 0.0 ft value was used as a reference elevation of the existing ground to analyze Proposed conflict with roadway excavation.
- 7) Cover Depth During Construction represents the distance from the top of the utility to proposed roadway subgrade excavation or proposed sewer trench excavation.
- 8) Cover Depth After Construction represents the distance from the top of the utility to proposed finish grade. The value reflects Proposed cut or fill based on the reference existing ground.
- 9) Only partial reimbursable items are show. Additional reimbursable items exist.

Exhibit B - Waterline Relocation Plan

NOTE: NO WATER MAIN RELOCATION IS PROPOSED IN THE AREA SHOWN ON THIS SHEET

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL
 ENGINEER
 810
FINAL REVIEW
PLANS
 4/23, 2013
 Paul Worrelein

HR HDR ENGINEERING, INC.
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700



**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY,
 MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
 Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

**12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 99th Ave. - S.E. 122nd Ave.**

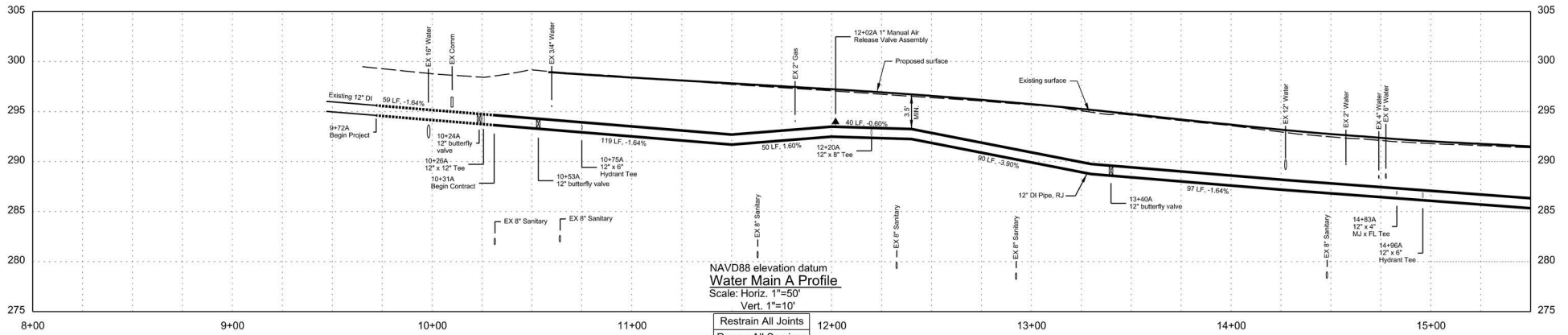
SHEET NO.
 U04

RENEWS: 06-30-2024

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

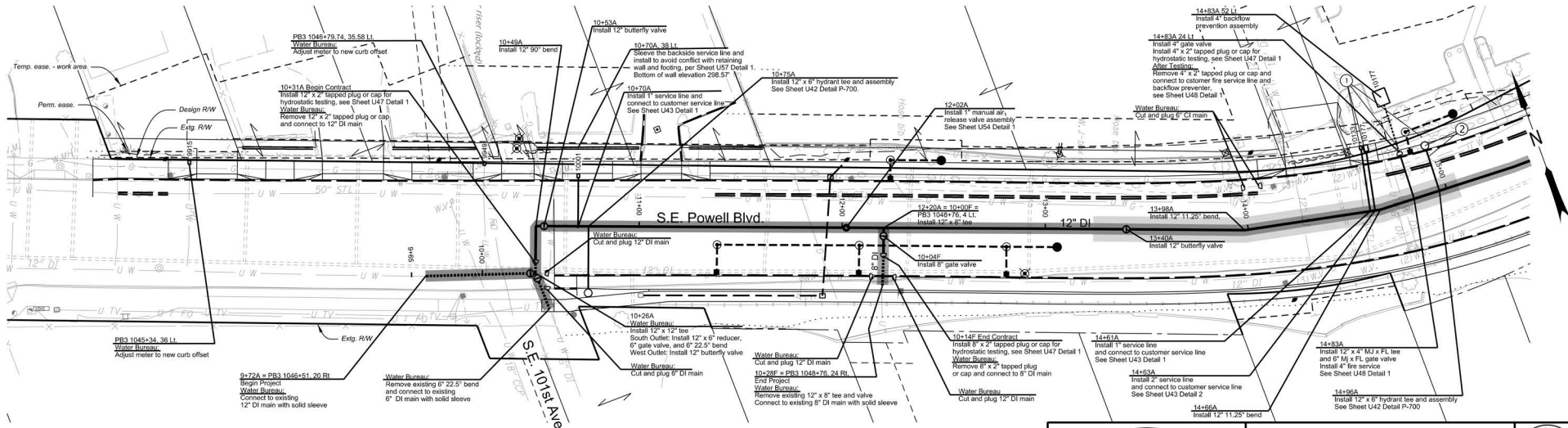
Rotation: 339° Scale: 1"=50'

Confidential



NAVD88 elevation datum
Water Main A Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restraining All Joints
 Renew All Services



- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)

- ① Gas main crossing. See General Note 5
- ② Gas main within 10' of water line. Start/End sleeving. See General Note 5



FIRST M. LAST, Engineering Manager, PE No ##### Date



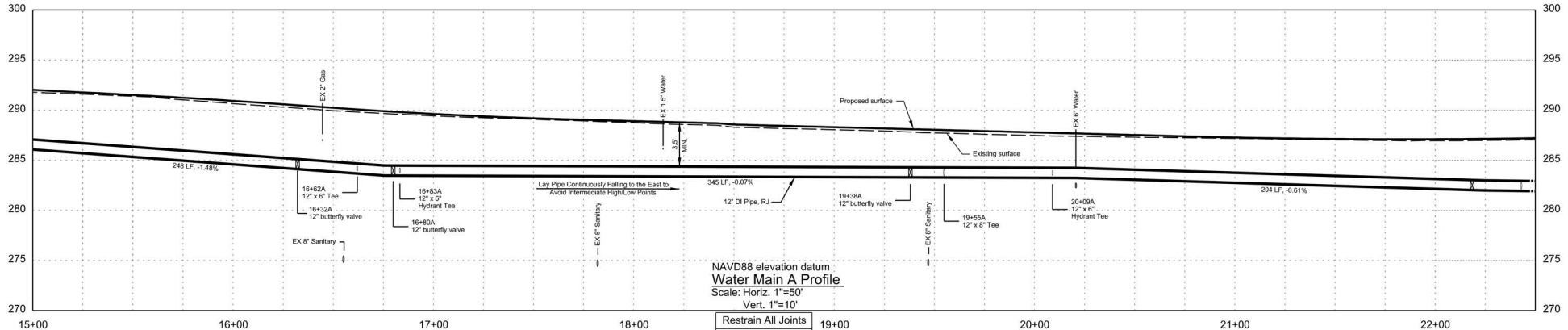
RENEWS: 06-30-2024

HR	HDR ENGINEERING, INC. 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ganem		Reviewer: Paul Worreim Checker: Carl Abrams	
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 99th Ave. - S.E. 122nd Ave.		SHEET NO. U05	

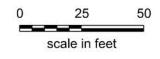
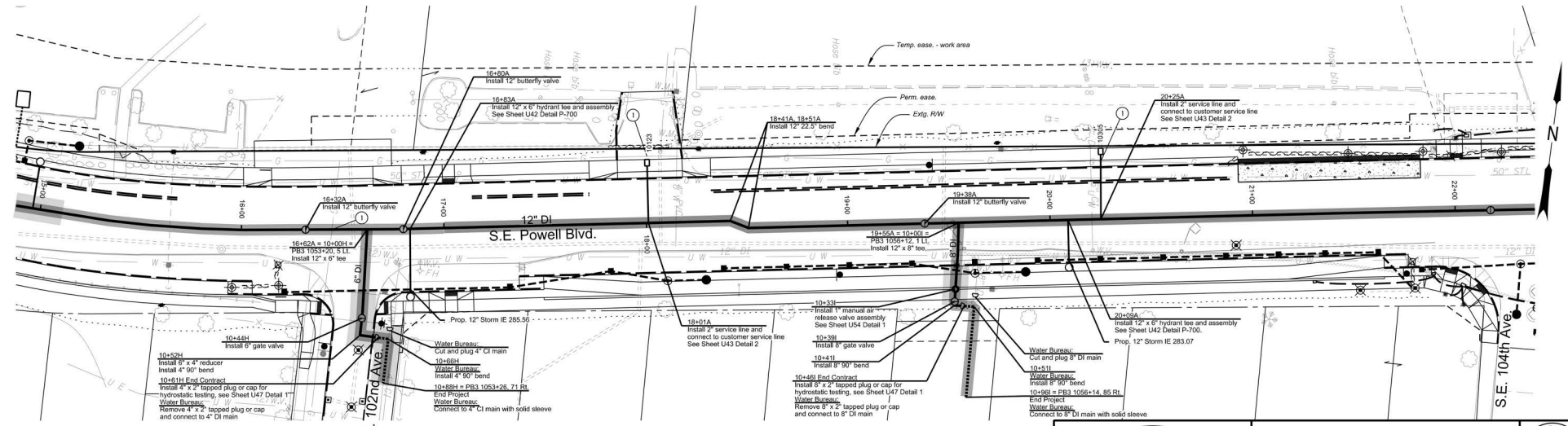
Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 339° Scale: 1"=50'



Restrain All Joints
Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)
- ① Gas main crossing. See General Note 5



FIRST M. LAST, Engineering Manager, PE No ##### Date



RENEWS: 06-30-2024

HR HDR ENGINEERING, INC
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

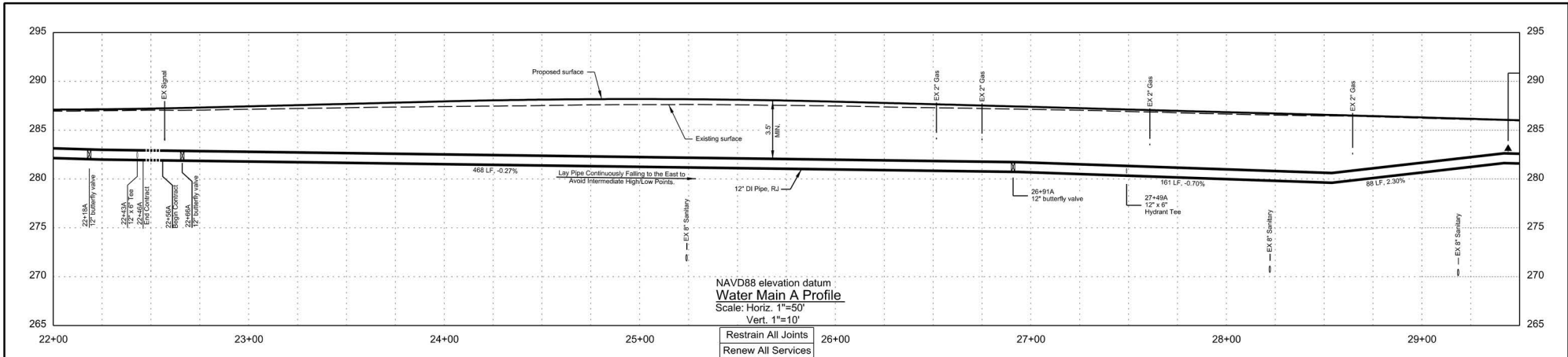
Designer: Sean Asl Reviewer: Paul Worreim
Drafter: S. Barghout, J. Richter, & M. Ganem Checker: Carl Abrams

**12" DI WATER MAIN (S.E. Powell Blvd.)
S.E. 99th Ave. - S.E. 122nd Ave.** SHEET NO. U06

Confidential

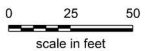
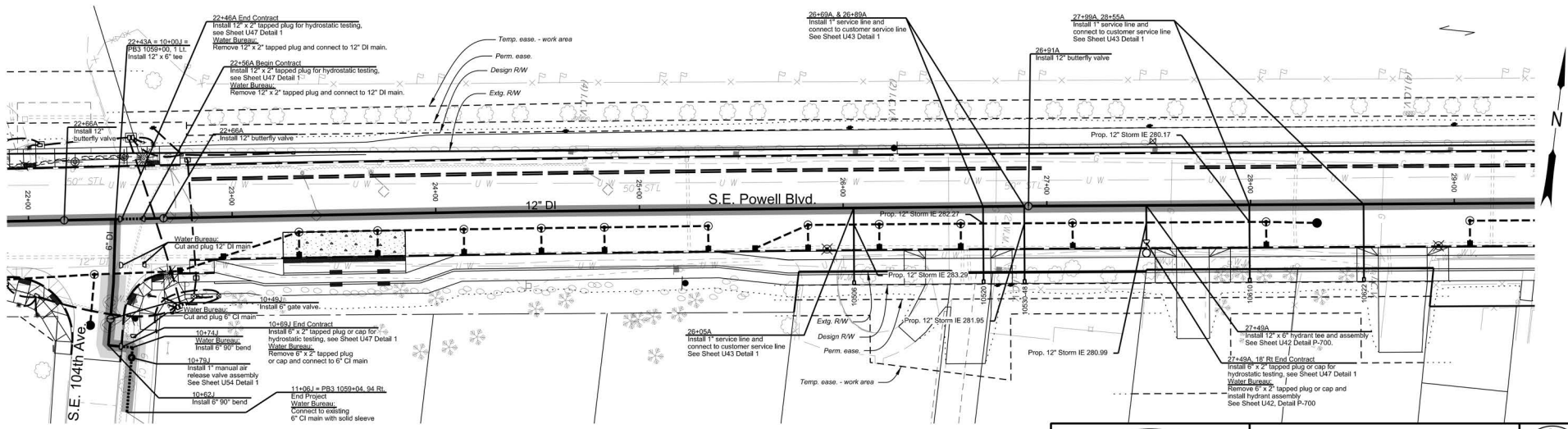
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 6° Scale: 1"=50'



NAVD88 elevation datum
Water Main A Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 4/23, 2013

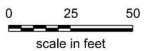
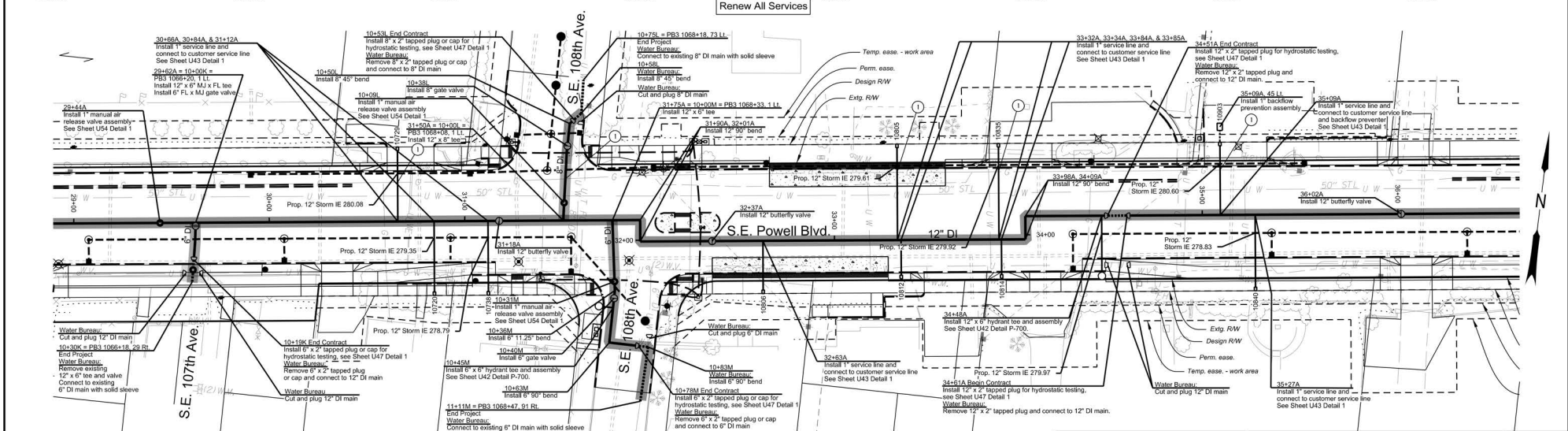
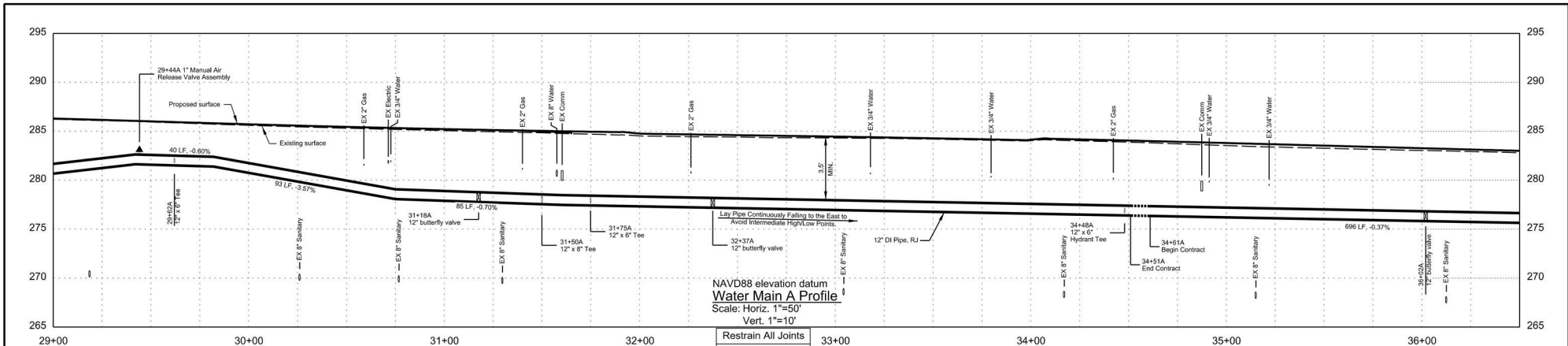
RENEWS: 06-30-2024

HR	HDR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem	Reviewer: Paul Worrelein Checker: Carl Abrams	
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 99th Ave. - S.E. 122nd Ave.		SHEET NO. U07

Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 6° Scale: 1"=50'



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)

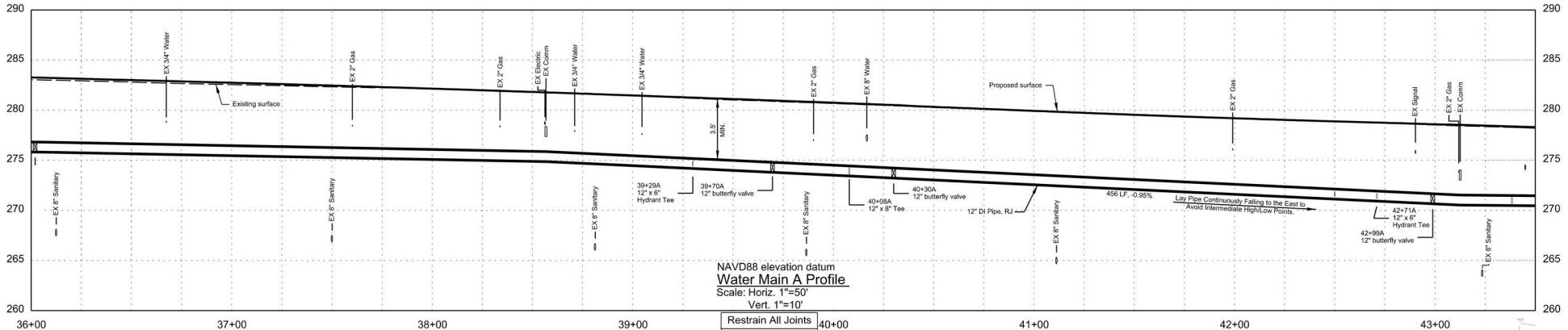


PORTLAND WATER BUREAU
 FROM FOREST TO FAUCET
 FIRST M. LAST, Engineering Manager, PE No ##### Date



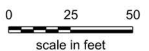
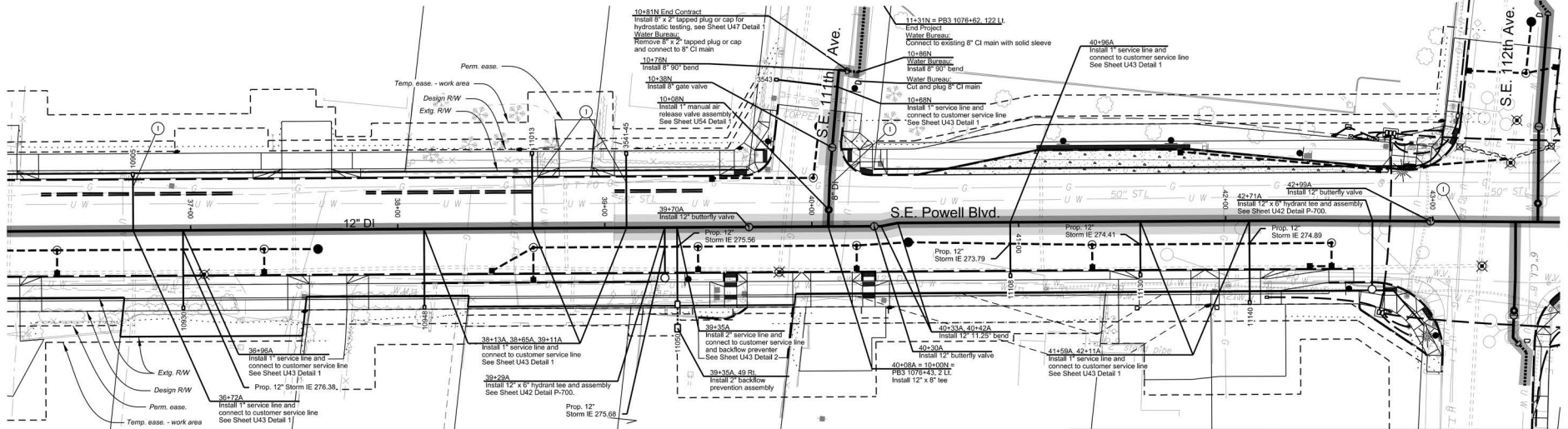
	HDR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem	Reviewer: Paul Worreim Checker: Carl Abrams	12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 99th Ave. - S.E. 122nd Ave.	
Confidential		SHEET NO. U08	Rotation: 6° Scale: 1"=50'

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST



NAVD88 elevation datum
Water Main A Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)
- ① Gas main crossing. See General Note 5



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 4/23, 2013
 RENEWS: 06-30-2024



HDR ENGINEERING, INC.
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700



**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY.
 MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
 Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

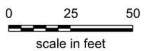
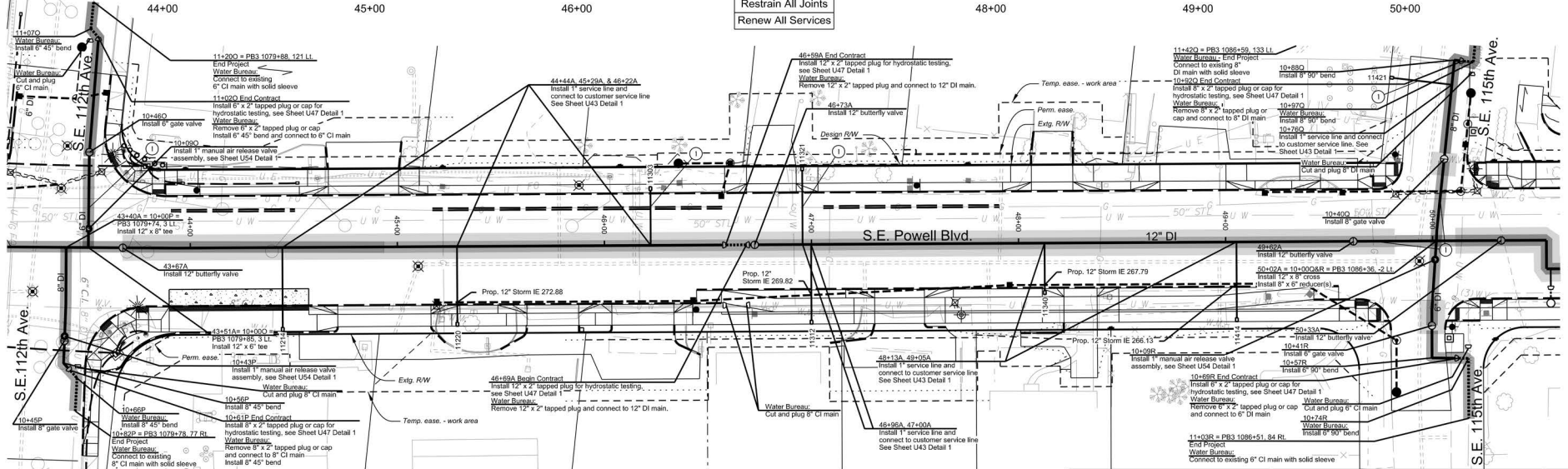
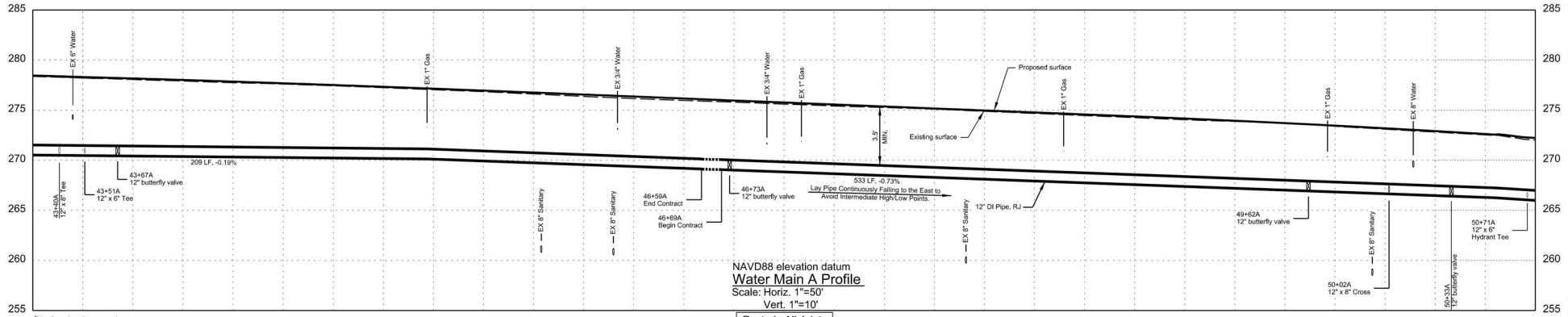
**12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 99th Ave. - S.E. 122nd Ave.**

SHEET NO.
 U09

Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Scale: 1"=50'



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No. ##### Date



REGISTERED PROFESSIONAL ENGINEER
810
FINAL REVIEW
PLANS
4/23, 2013
Paul Worreim

RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

Designer: Sean Asi Reviewer: Paul Worreim
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

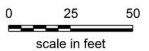
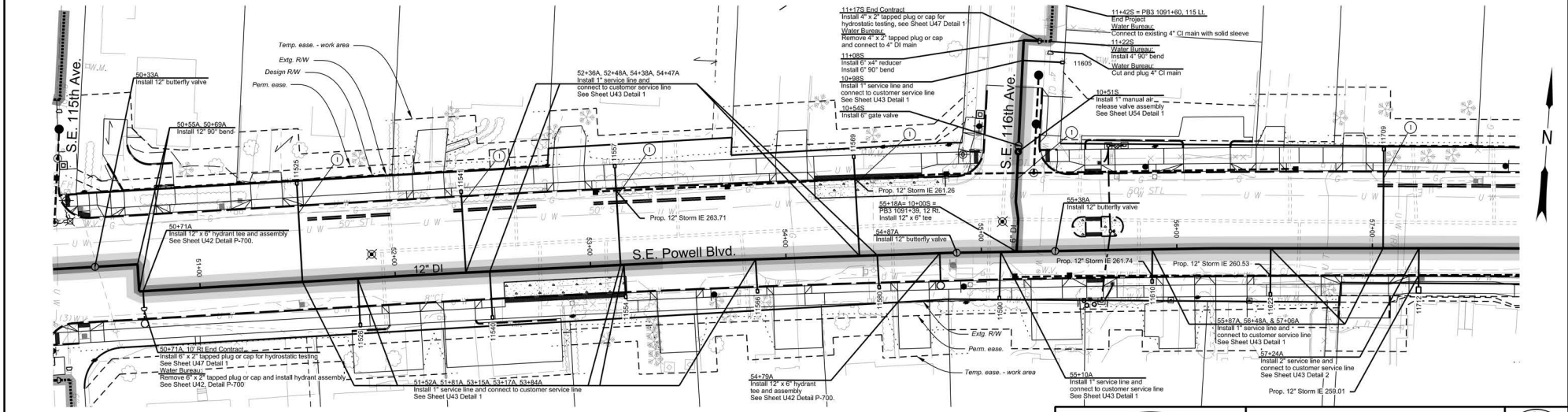
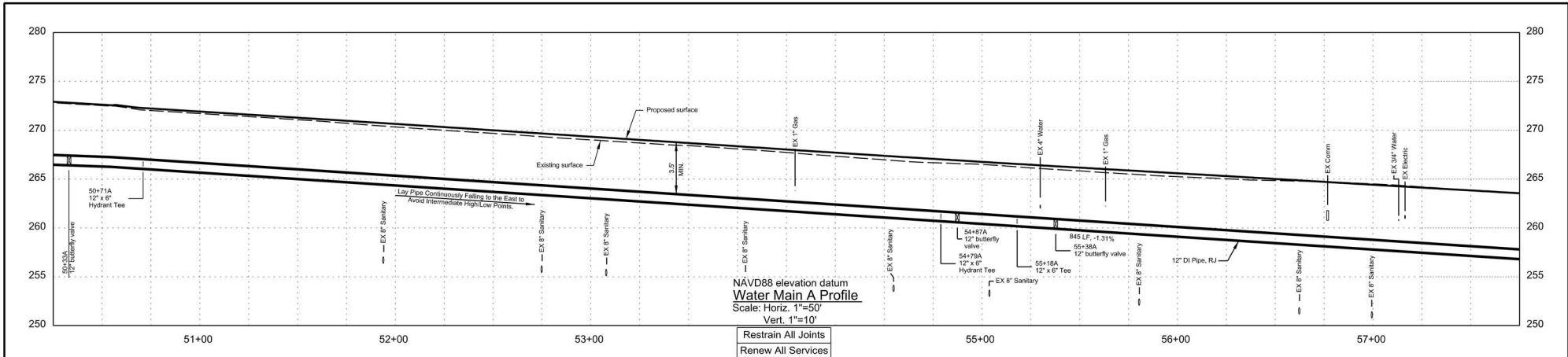
**12" DI WATER MAIN (S.E. Powell Blvd.)
S.E. 99th Ave. - S.E. 122nd Ave.**

SHEET NO.
U10

Confidential

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 6° Scale: 1"=50'



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
810
FINAL REVIEW PLANS
4/23, 2013
Paul Worrelein

RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

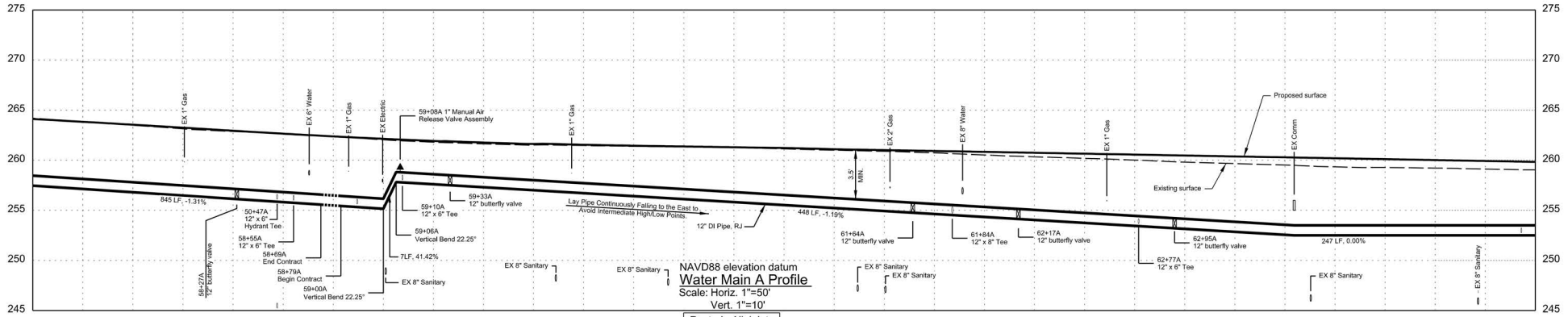
Designer: Sean Asl Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

**12" DI WATER MAIN (S.E. Powell Blvds.)
S.E. 99th Ave. - S.E. 122nd Ave.** SHEET NO. U11

Confidential

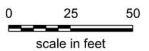
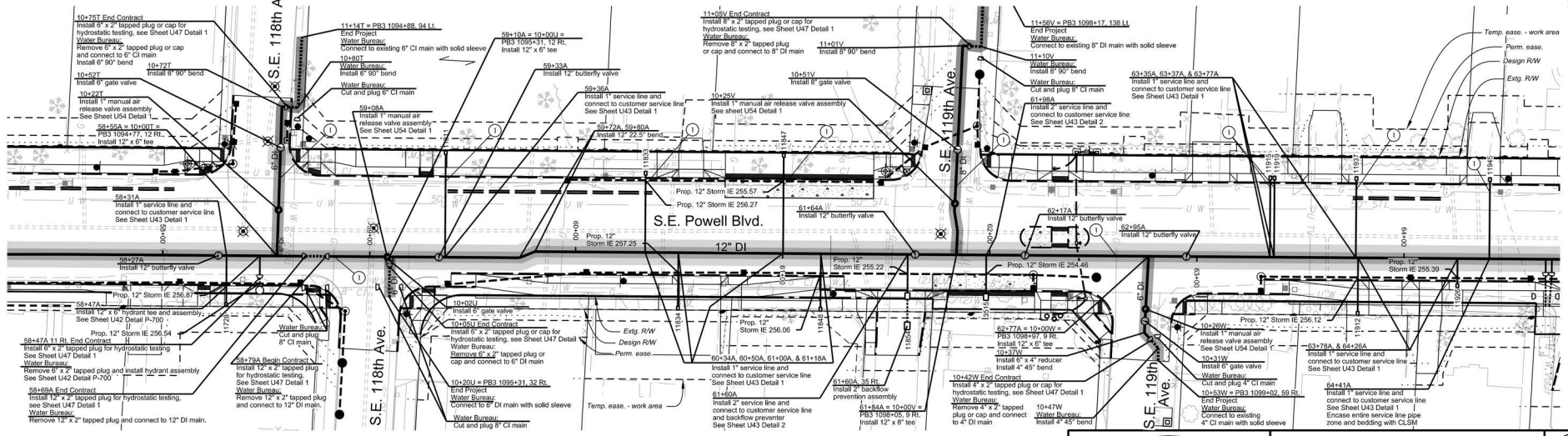
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Scale: 1"=50'



NAVD88 elevation datum
 Water Main A Profile
 Scale: 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- ① Gas main crossing. See General Note 5
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date

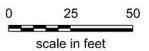
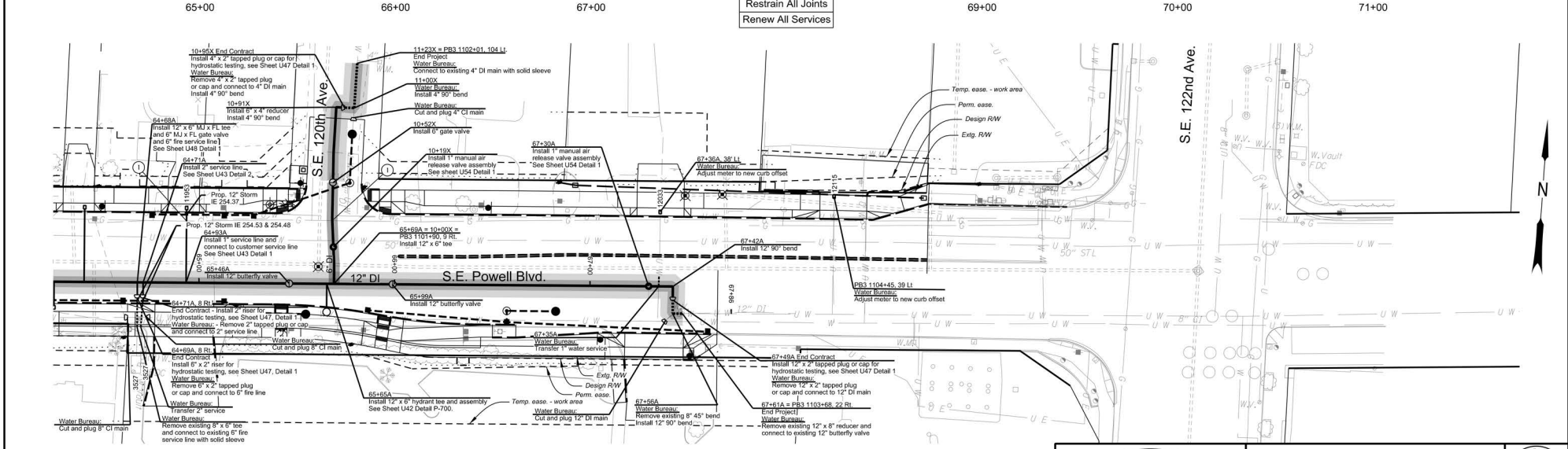
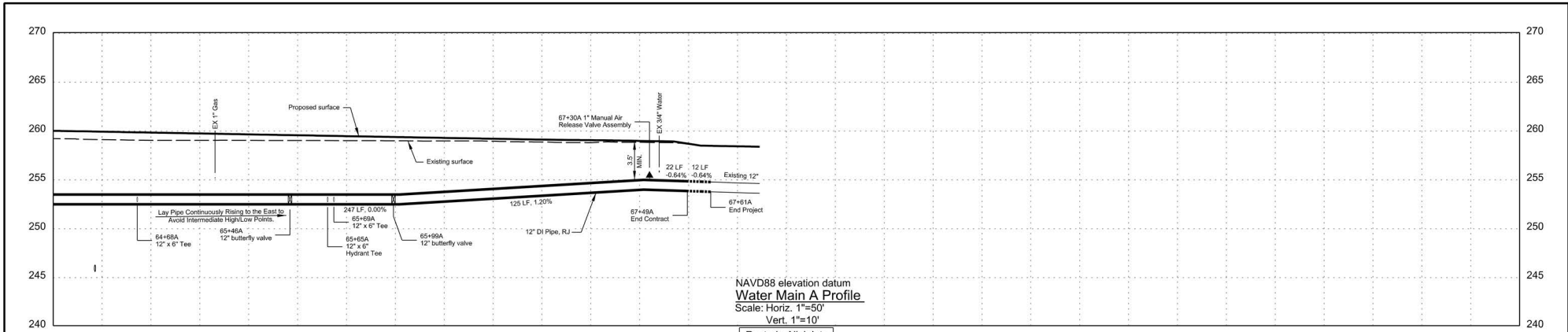


RENEWS: 06-30-2024

	HDR ENGINEERING, INC. 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE. - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ganem	Reviewer: Paul Worreim Checker: Carl Abrams	12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 99th Ave. - S.E. 122nd Ave.	
SHEET NO. U12		Scale: 1"=50' Rotation: 3°	

Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
8100
FINAL REVIEW
PAUL WORREIN
4/23, 2013

RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

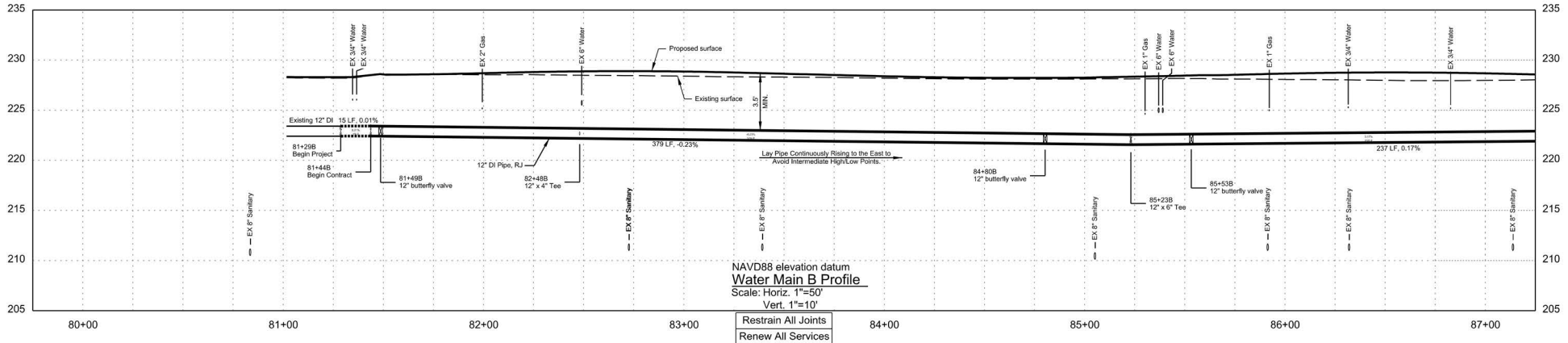
**12" DI WATER MAIN (S.E. Powell Blvds.)
S.E. 99th Ave. - S.E. 122nd Ave.**

SHEET NO. U13

Confidential

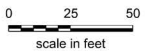
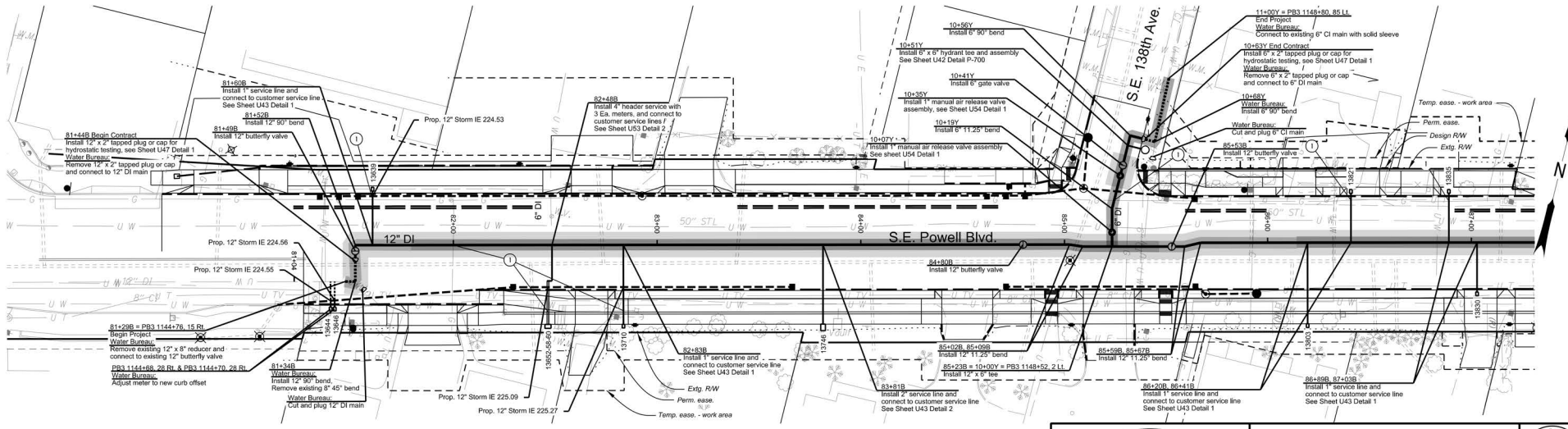
FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 3° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



① Gas main crossing. See General Note 5

Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 8100
FINAL REVIEW
 Paul Worrelein
 4/23, 2013
 RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700

**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY.
 MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
 Drafter: S. Barghout, J. Richter, & M. Ganem Checker: Carl Abrams

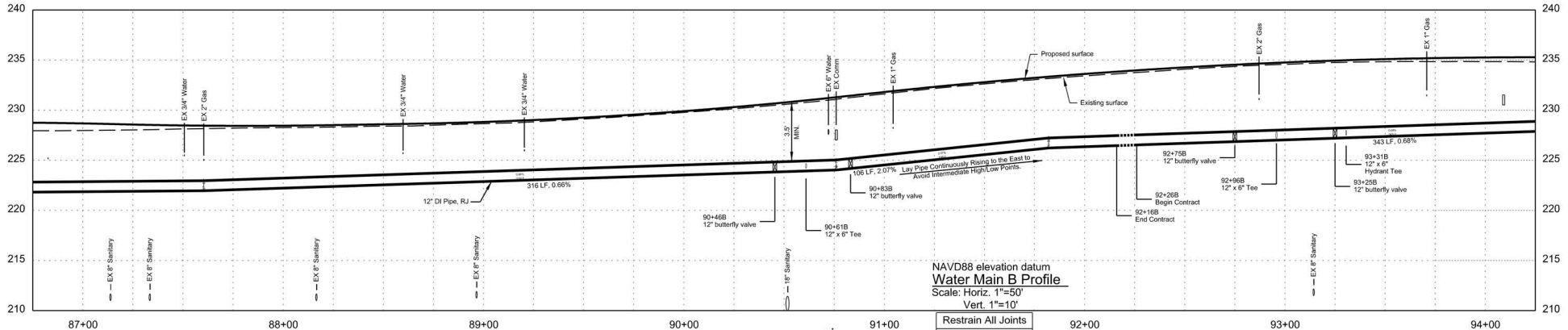
**12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 136th Ave. - S.E. 174th Ave.**

SHEET NO. U14

Confidential

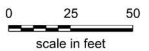
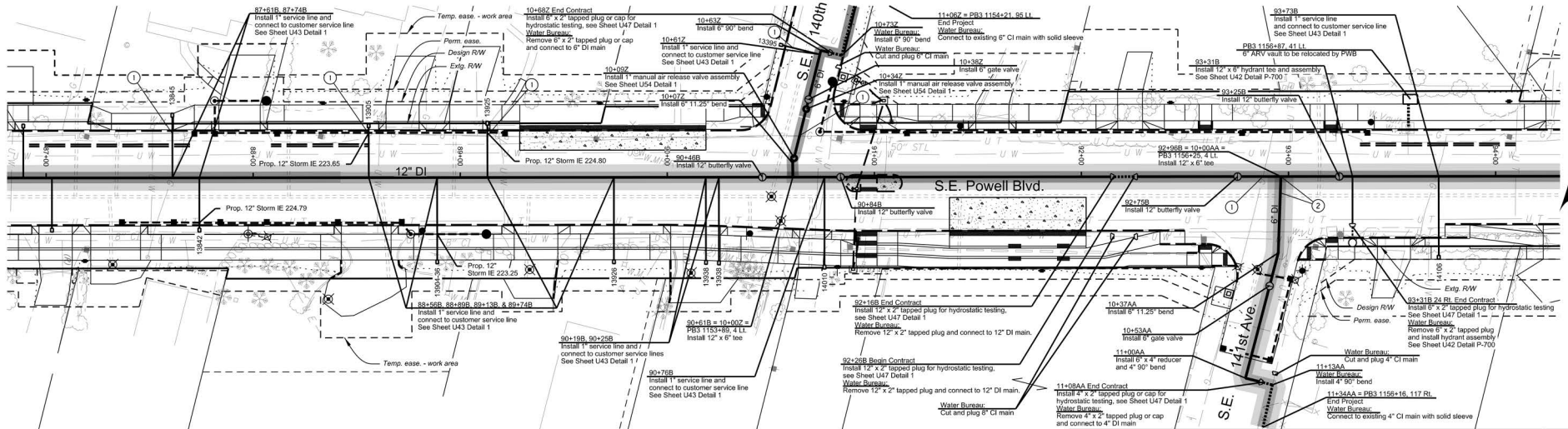
FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 14° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 12/23, 2013

RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700

**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY.
 MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
 Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

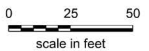
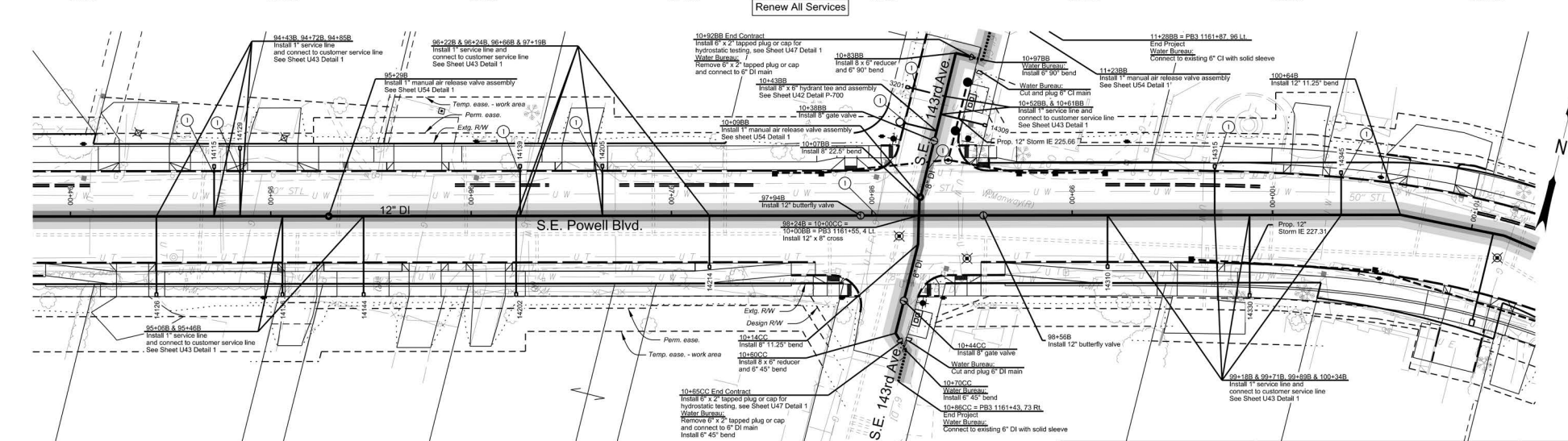
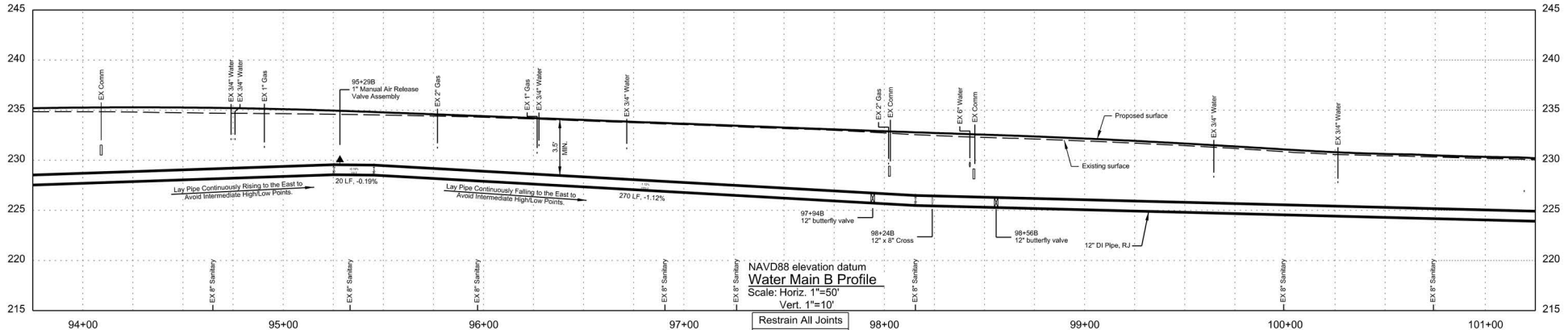
**12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 136th Ave. - S.E. 174th Ave.**

SHEET NO.
U15

Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Scale: 1"=50'



① Gas main crossing. See General Note 5

- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
810
FINAL REVIEW
PLANS
4/23, 2013
Paul Worreim

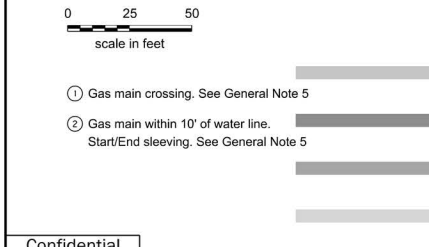
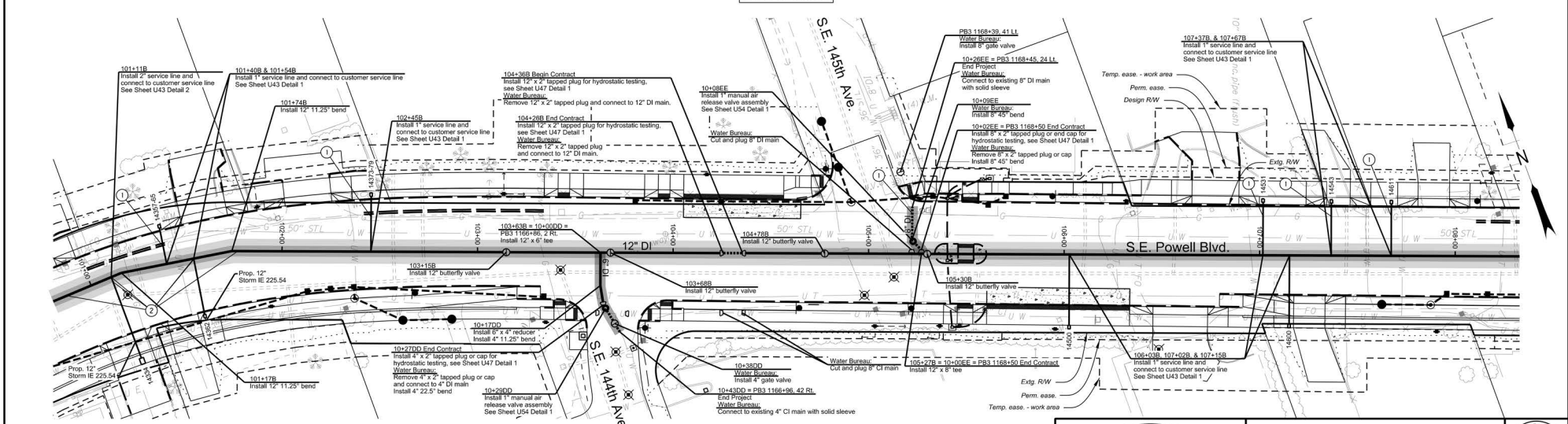
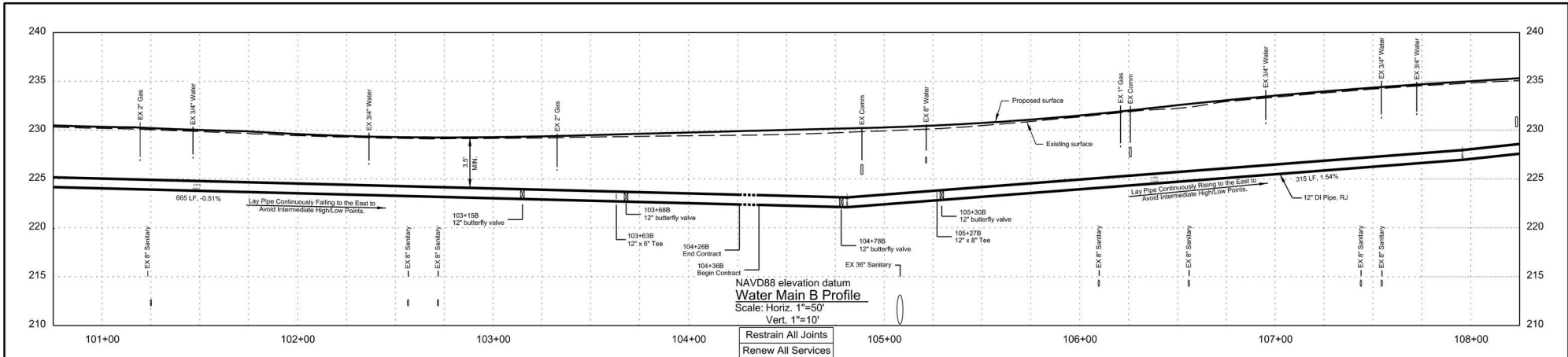
HR	HOR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
Designer: Sean Asl	Reviewer: Paul Worreim	
Drafter: S. Barghout, J. Richter, & M. Ghanem		Checker: Carl Abrams
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.		SHEET NO. U16

Confidential

RENEWS: 06-30-2024

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 14° Scale: 1"=50'



- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)

Confidential



FIRST M. LAST, Engineering Manager, PE No ##### Date



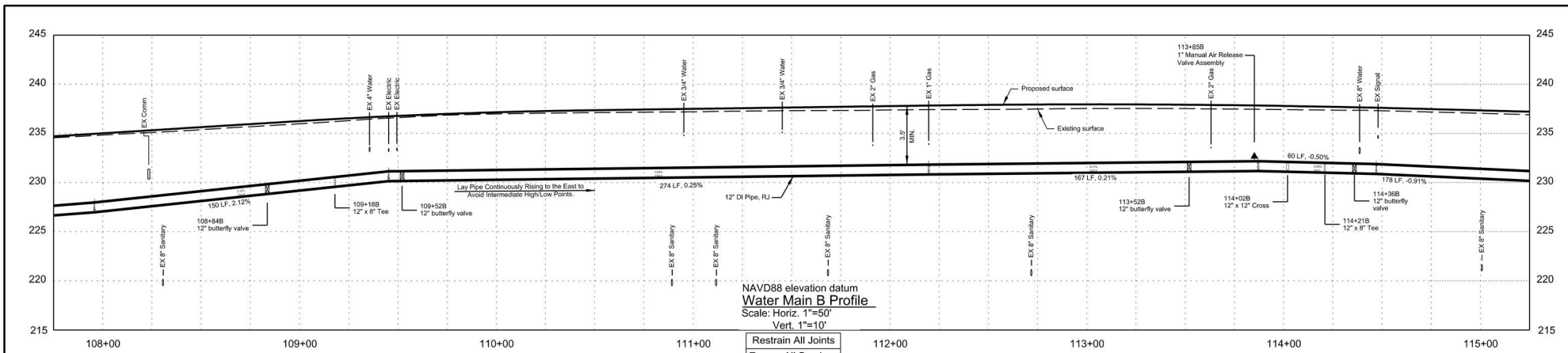
RENEWS: 06-30-2024

	HDR ENGINEERING, INC. 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY	
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ganem	Reviewer: Paul Worreim Checker: Carl Abrams	SHEET NO. U17

12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 136th Ave. - S.E. 174th Ave.

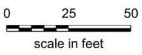
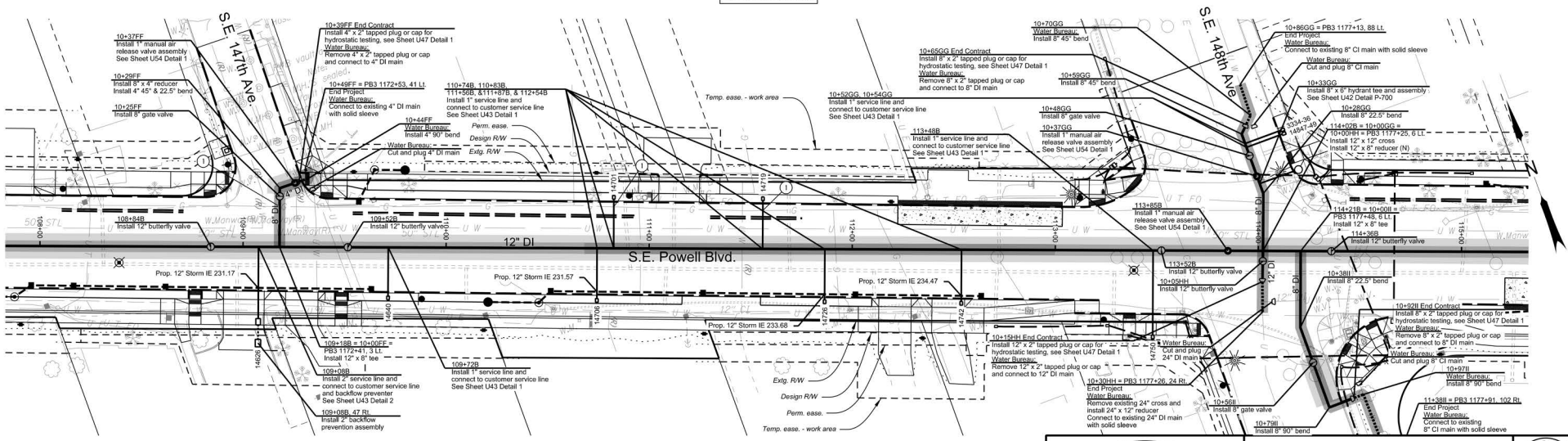
FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
Scale: Horiz. 1"=50'
Vert. 1"=10'

Restrain All Joints
Renew All Services



① Gas main crossing. See General Note 5

Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
8100
FINAL REVIEW
PLANS
4/23, 2013
Paul Worrelein

RENEWS: 06-30-2024



HOR ENGINEERING, INC
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700



US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY

Designer: Sean Asi Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

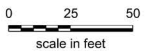
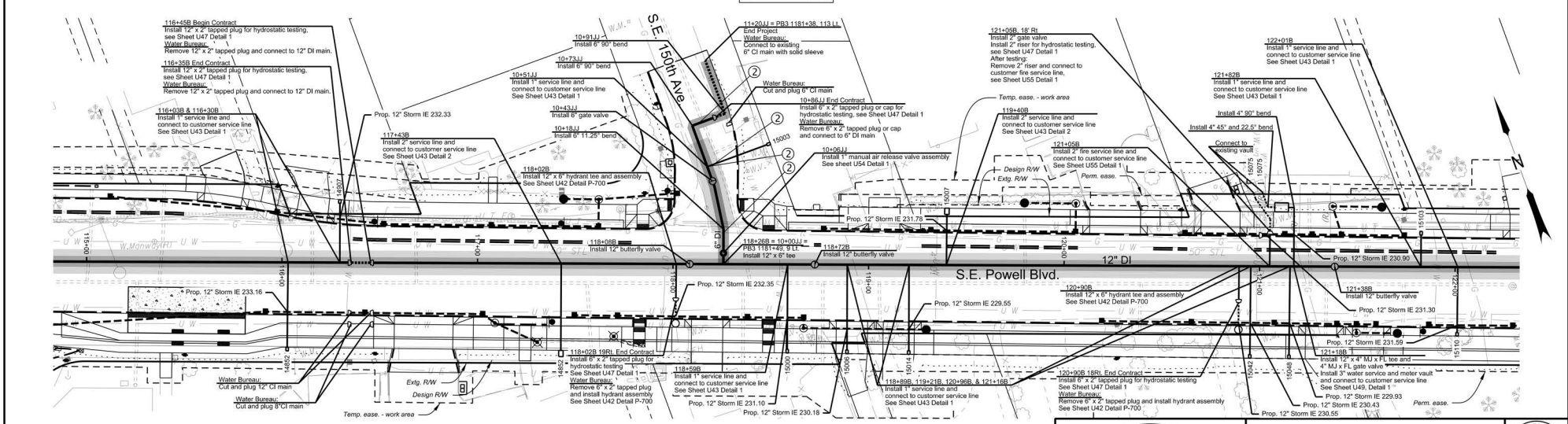
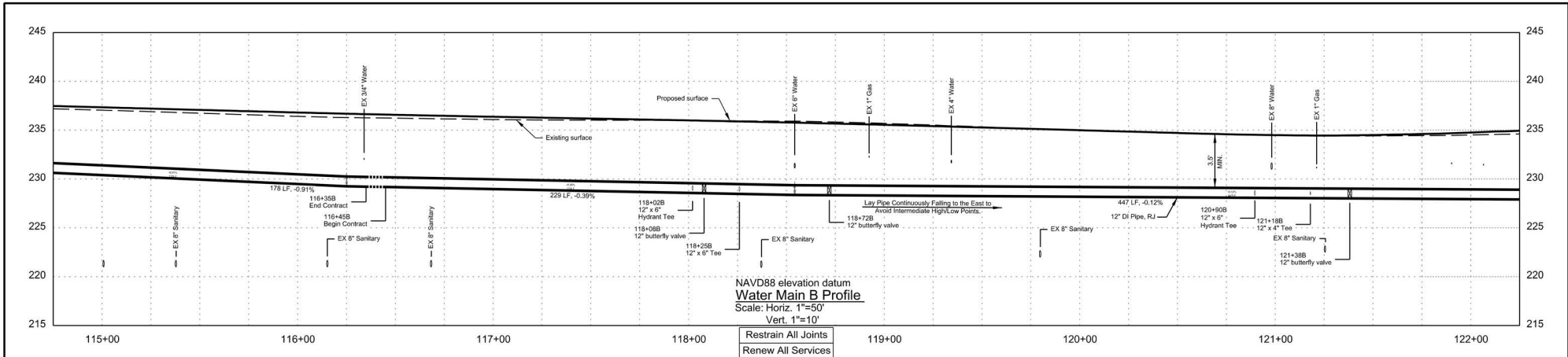
12" DI WATER MAIN (S.E. POWELL BLVD.)
S.E. 136th Ave. - S.E. 174th Ave.

SHEET NO.
U18

Confidential

FINAL ELECTRONIC DOCUMENT AVAILABLE UPON REQUEST

Scale: 1"=50'



- Legend**
- ⊙ Gas main within 10' of water line. Start/End sleeving. See General Note 5
 - Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
810
FINAL REVIEW PLANS
4/23, 2013
Paul Worrelein

RENEWS: 06-30-2024

HR HOR ENGINEERING, INC
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

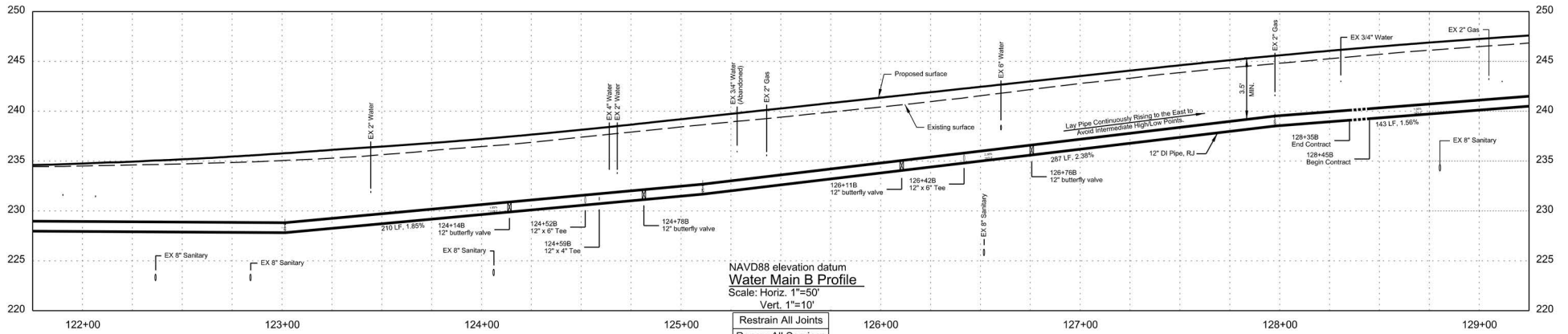
**12" DI WATER MAIN (S.E. Powell Blvd.)
S.E. 136th Ave. - S.E. 174th Ave.**

SHEET NO.
U19

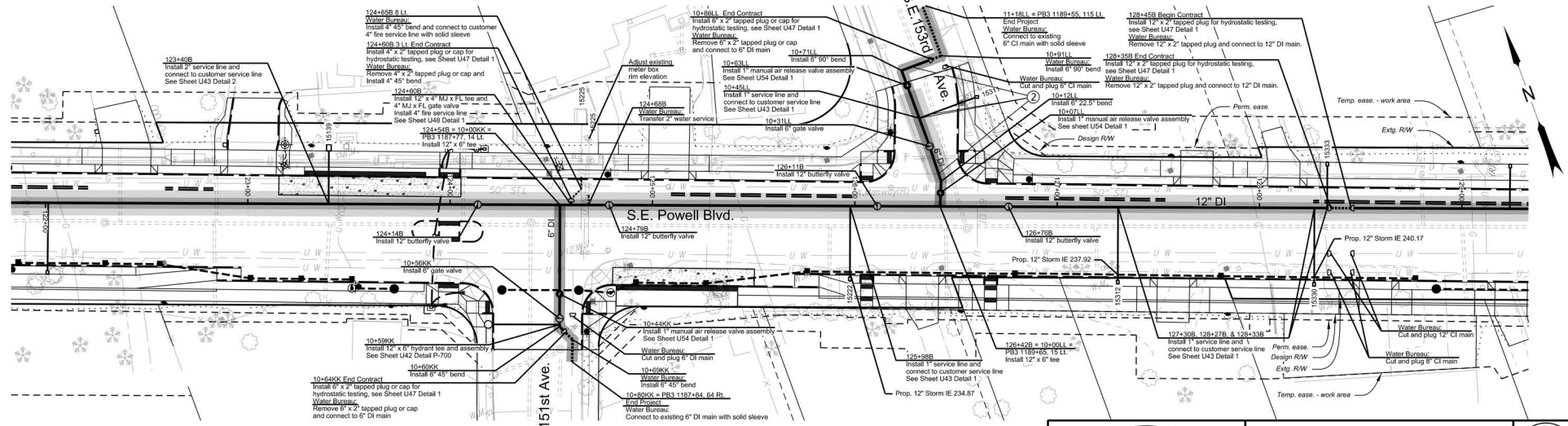
Confidential

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1"=50'



Restrain All Joints
 Renew All Services



- Legend**
- ② Gas main within 10' of water line. Start/End sleeving. See General Note 5
 - Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



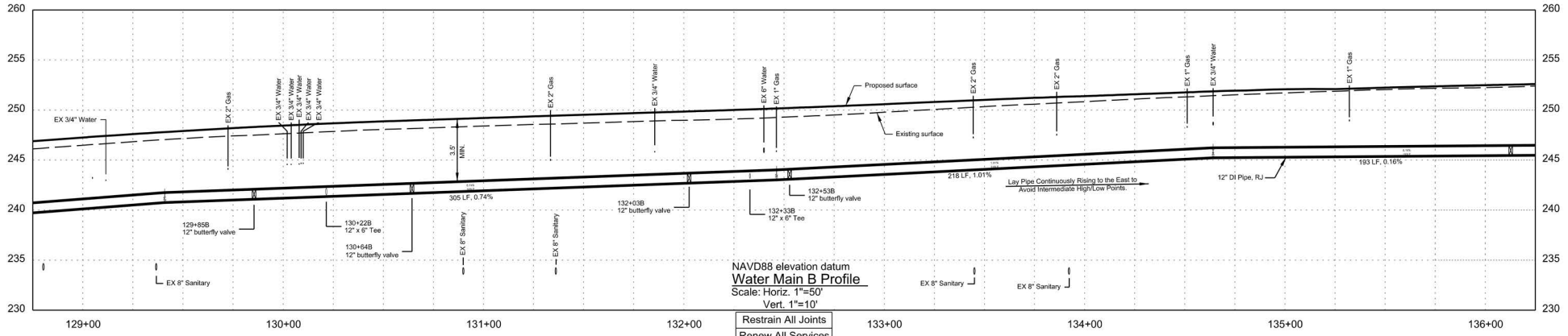
	HDR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem		Reviewer: Paul Worreim Checker: Carl Abrams	
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.		SHEET NO. U20	

Confidential

RENEWS: 06-30-2024

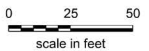
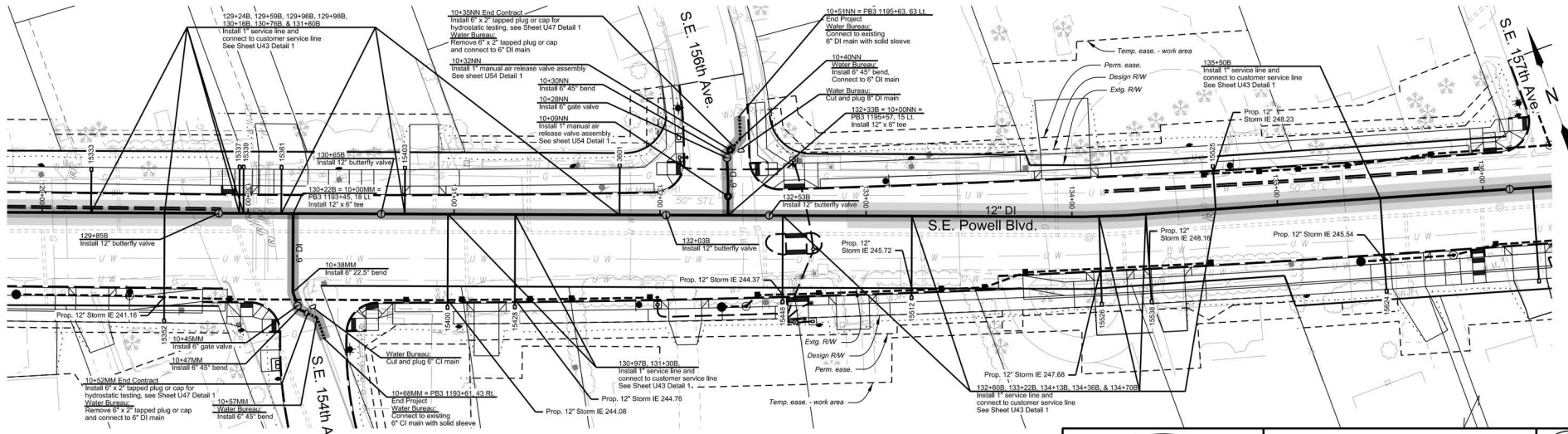
FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 12/23, 2013

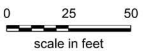
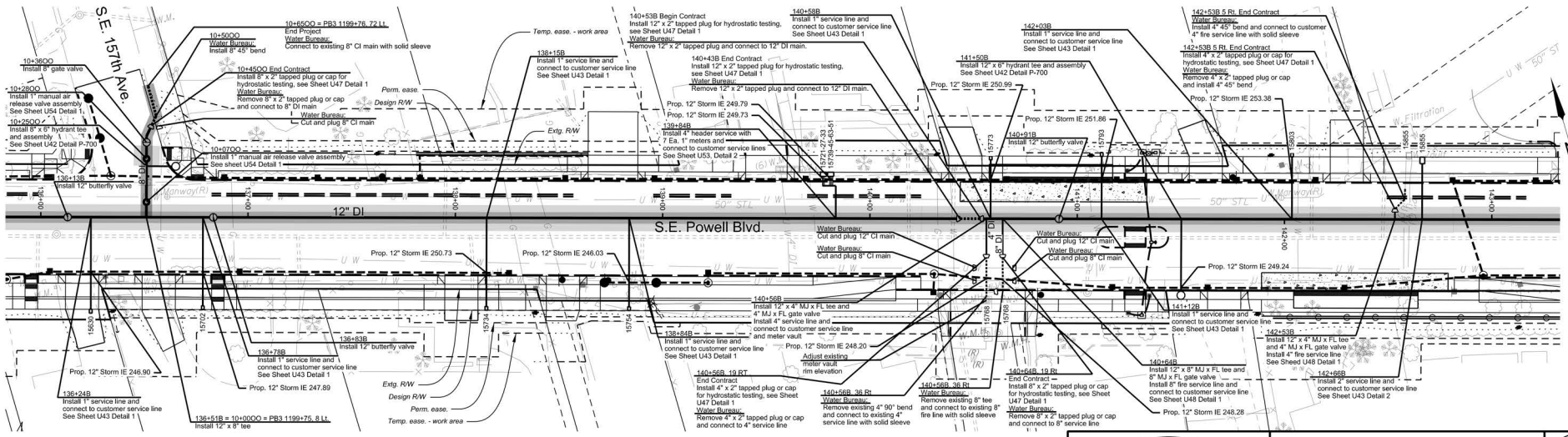
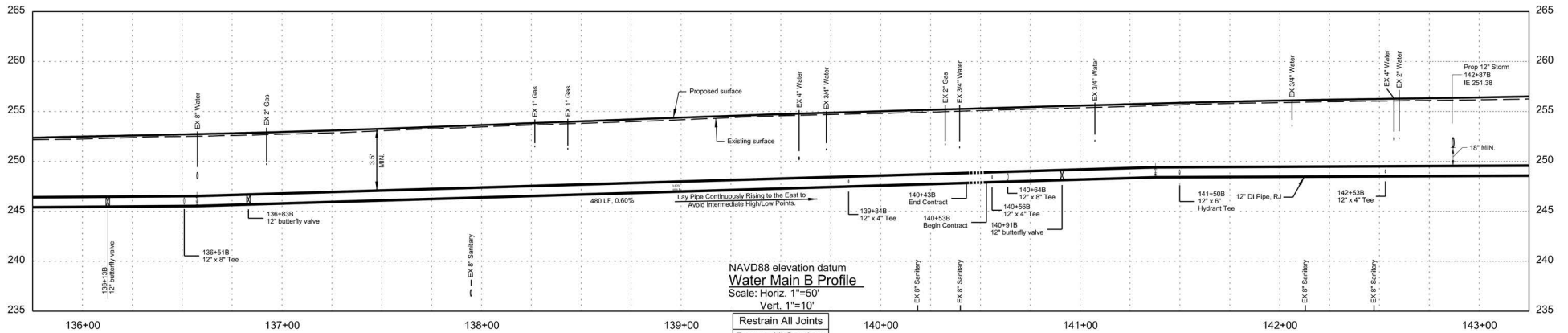
RENEWS: 06-30-2024

HR	HDR ENGINEERING, INC. 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem		Reviewer: Paul Worrelein Checker: Carl Abrams	
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.		SHEET NO. U21	

Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 340° Scale: 1"=50'



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No B##### Date



RENEWS: 06-30-2024

HOR ENGINEERING, INC
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700

**US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY**

Designer: Sean Asi Reviewer: Paul Worreim

Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

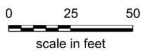
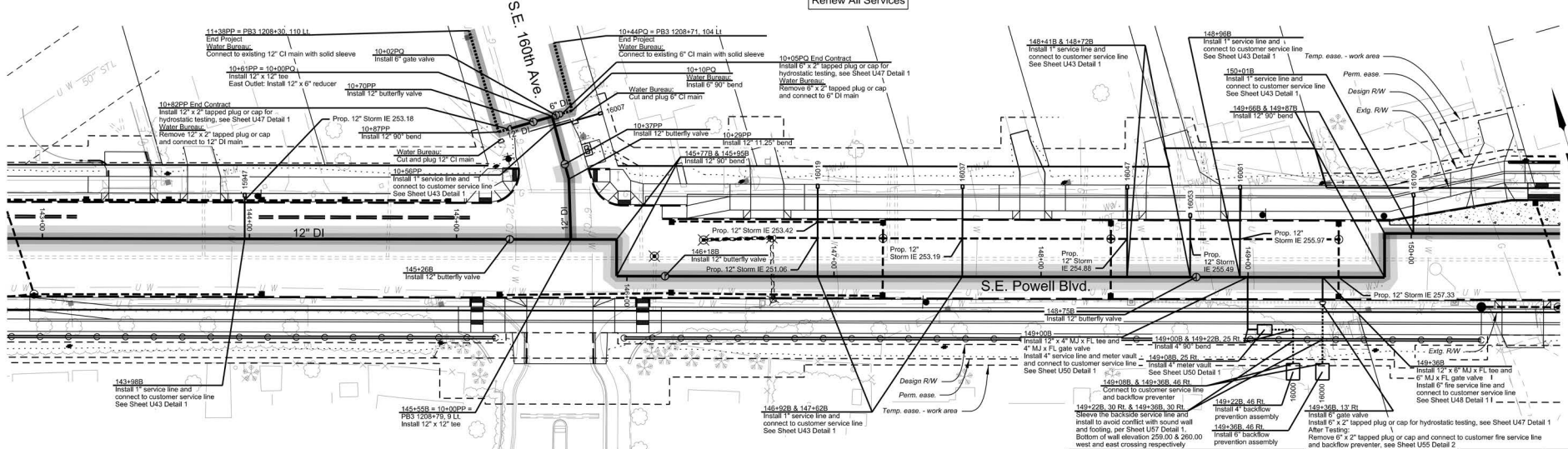
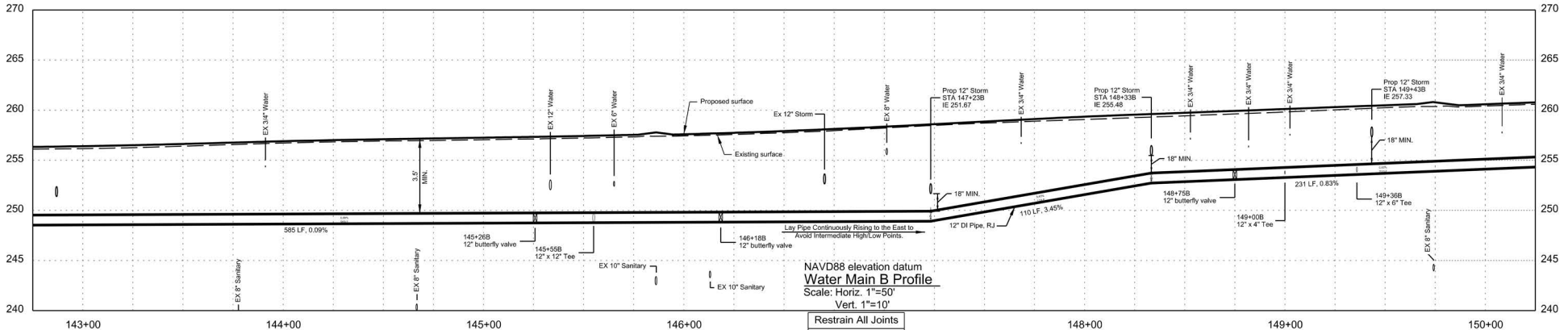
12" DI WATER MAIN (S.E. Powell Blvd.)
S.E. 136th Ave. - S.E. 174th Ave.

SHEET NO.
U22

Confidential

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'



- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 12/23, 2013

RENEWS: 06-30-2024

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

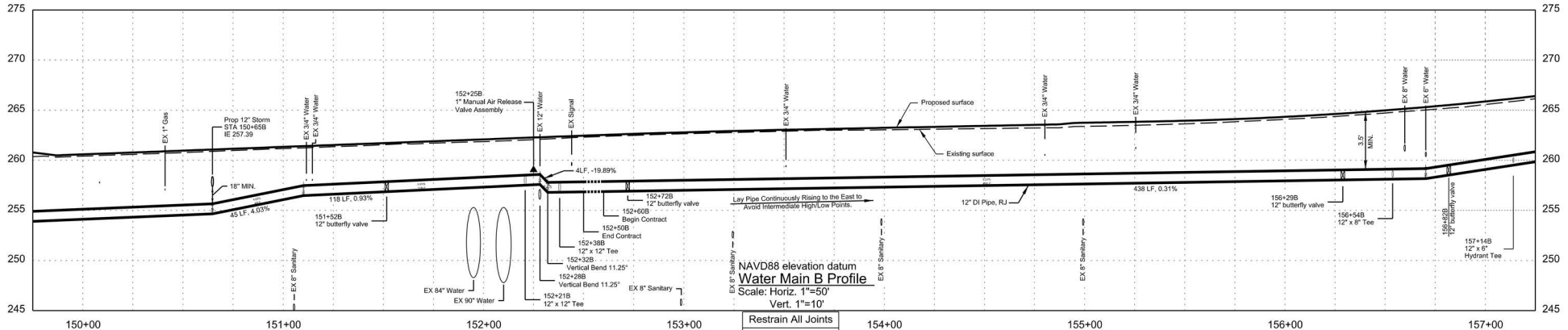
HOR ENGINEERING, INC
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700

**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY,
 MULTNOMAH COUNTY**

Designer: Sean Asl	Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem	
Checker: Carl Abrams	

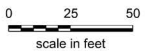
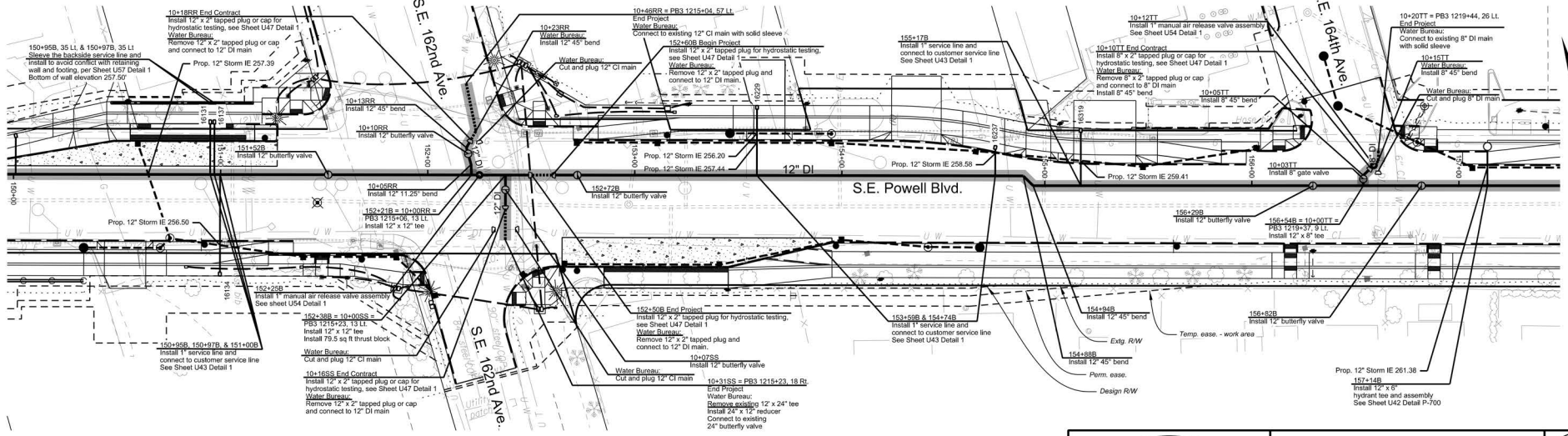
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.	SHEET NO. U23
---	------------------

Confidential



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
PLANS
 4/23, 2013
Paul Worreim

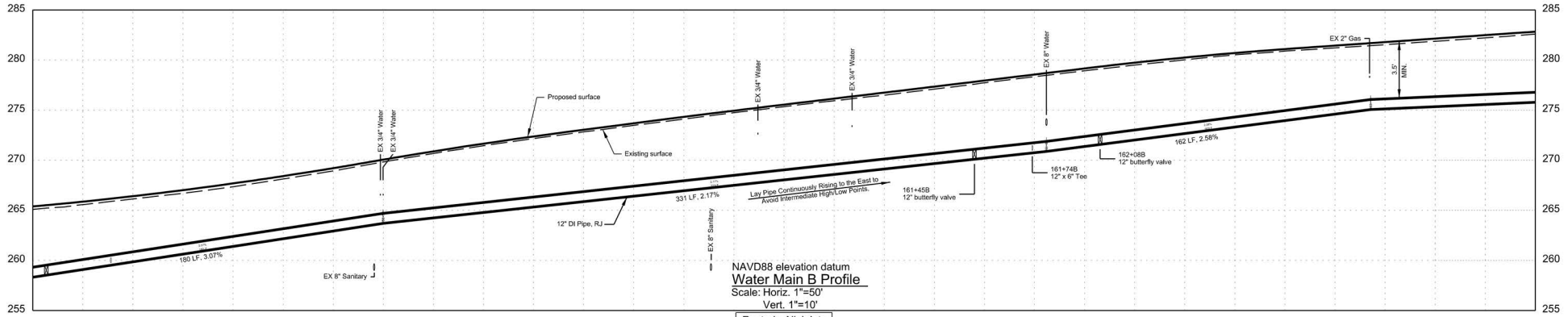
	HDR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700		
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY		
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem		Reviewer: Paul Worreim Checker: Carl Abrams	
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.		SHEET NO. U24	

Confidential

RENEWS: 06-30-2024

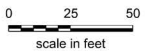
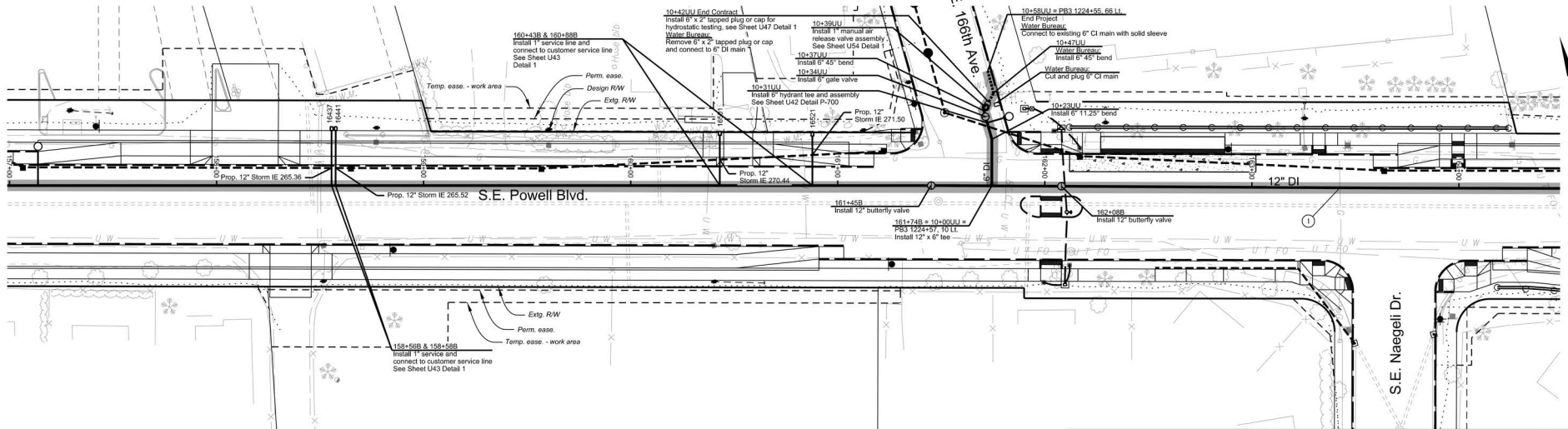
FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



① Gas main crossing. See General Note 5

Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 4/23, 2013

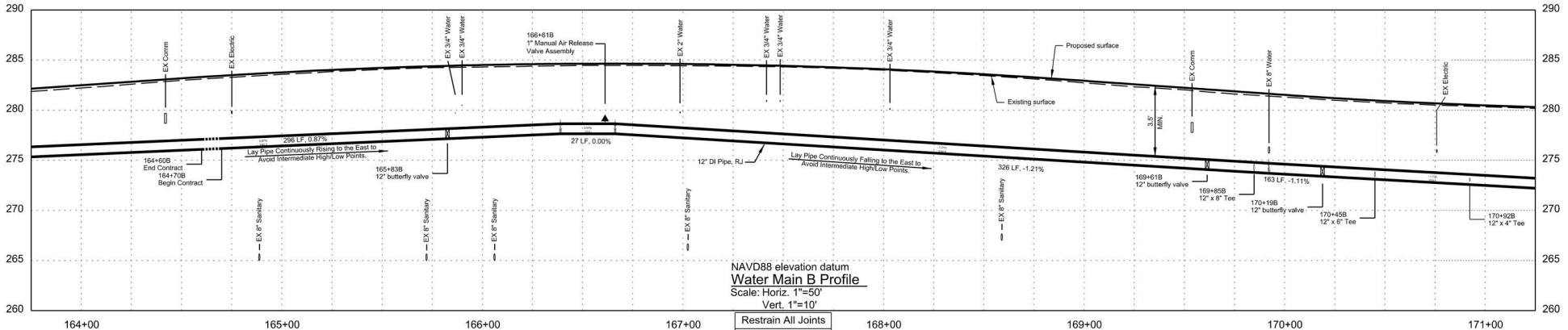
RENEWS: 06-30-2024

HR	HOR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY, MULTNOMAH COUNTY
Designer: Sean Asl	Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem	Checker: Carl Abrams
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.	
SHEET NO. U25	DATE 4/23, 2013

Confidential

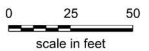
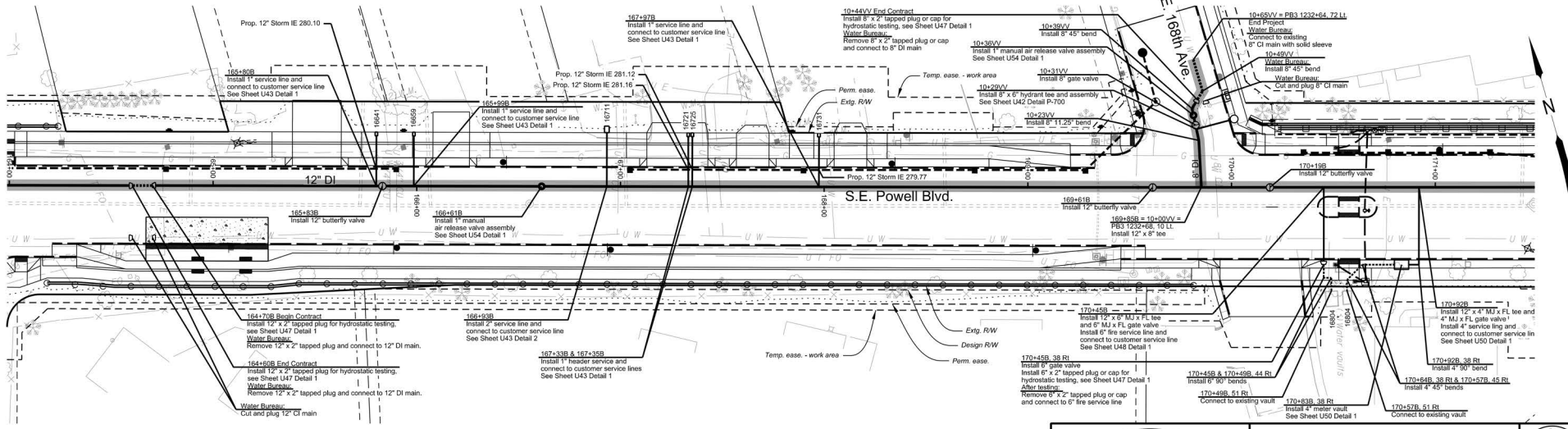
FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'



NAVD88 elevation datum
Water Main B Profile
 Scale: Horiz. 1"=50'
 Vert. 1"=10'

Restrain All Joints
 Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 810
FINAL REVIEW
 Paul Worrelein
 12/23, 2013

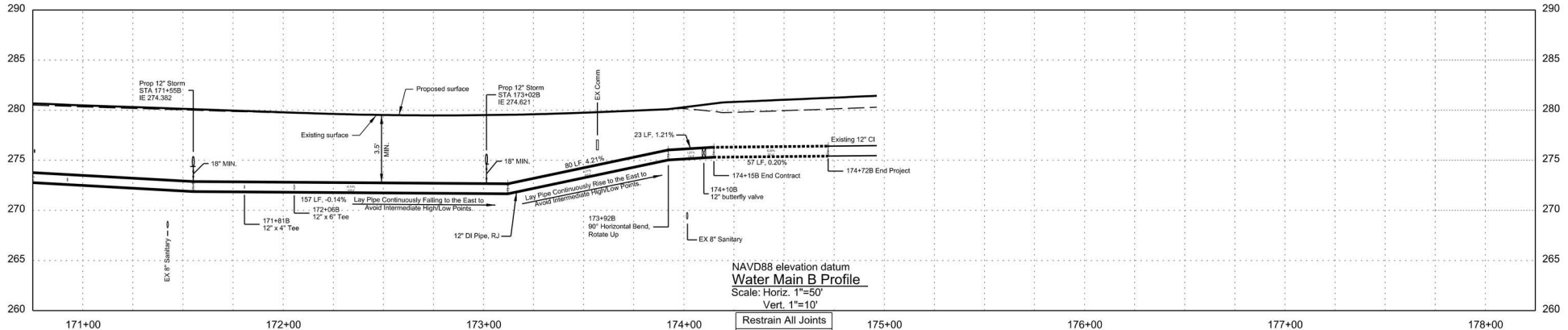
RENEWS: 06-30-2024

HR	HDR ENGINEERING, INC 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700	
US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY		
Designer: Sean Asi Drafter: S. Barghout, J. Richter, & M. Ganem		Reviewer: Paul Worrelein Checker: Carl Abrams
12" DI WATER MAIN (S.E. Powell Blvd.) S.E. 136th Ave. - S.E. 174th Ave.		SHEET NO. U26

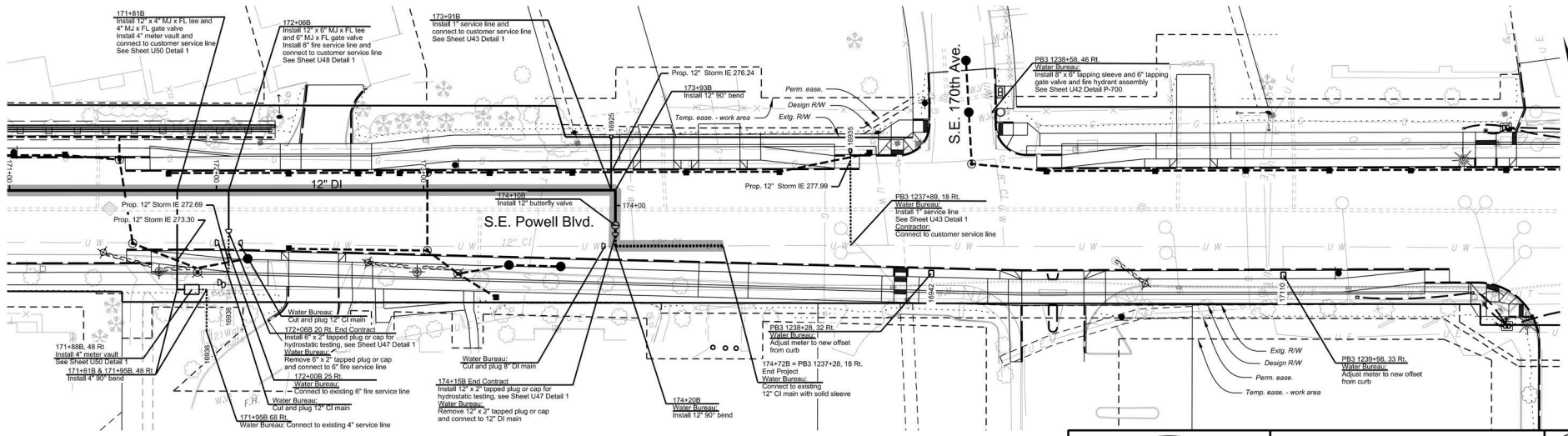
Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'



Restrain All Joints
 Renew All Services



- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
 8100
FINAL REVIEW PLANS
 4/23, 2013
 Paul Worrelein

RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
 1050 SW 6TH AVE., SUITE 1800
 PORTLAND, OR 97204
 503.423.3700

**US26 (POWELL BLVD):
 SE 99TH AVE - EAST CITY LIMITS SEC.
 MT. HOOD HWY,
 MULTNOMAH COUNTY**

Designer: Sean Asl Reviewer: Paul Worrelein
 Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

**12" DI WATER MAIN (S.E. Powell Blvd.)
 S.E. 136th Ave. - S.E. 174th Ave.**

SHEET NO.
 U27

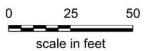
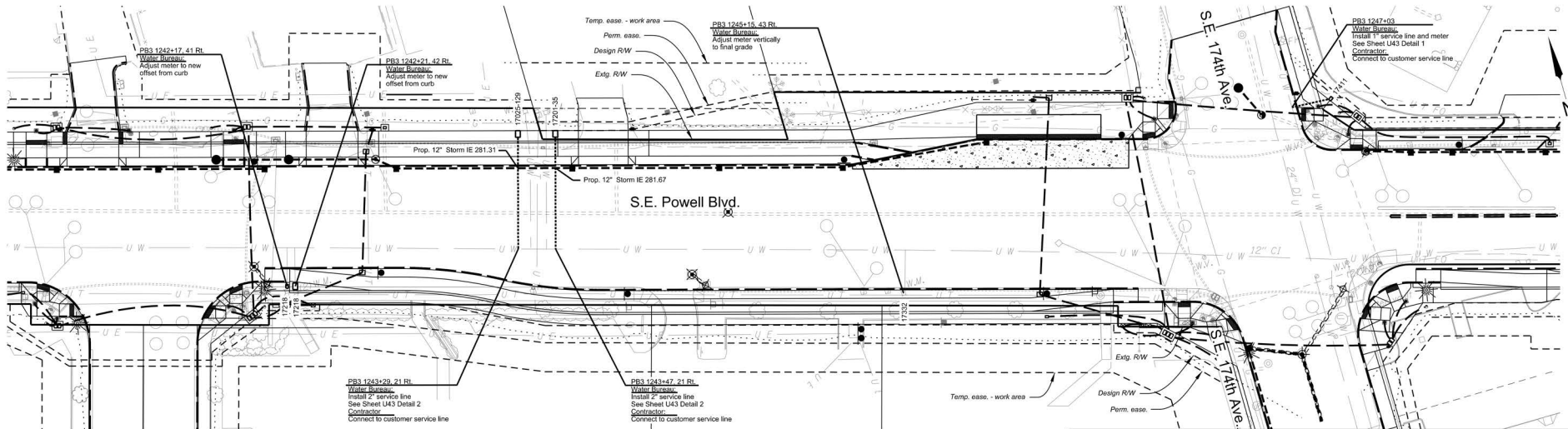
Confidential

FINAL ELECTRONIC DOCUMENT
 AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'

NOTE: NO WATER MAIN RELOCATION IS PROPOSED IN THE AREA SHOWN ON THIS SHEET

Restrain All Joints
Renew All Services



- Legend**
- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
 - Proposed New Reimbursable Water Line (ODOT Pays)
 - Proposed New Non-Reimbursable Water Lines (PWB Pays)
 - Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



REGISTERED PROFESSIONAL ENGINEER
810
FINAL REVIEW PLANS
4/23, 2013
Paul Worrelein

RENEWS: 06-30-2024

	HDR ENGINEERING, INC. 1050 SW 6TH AVE., SUITE 1800 PORTLAND, OR 97204 503.423.3700	
	US26 (POWELL BLVD): SE 99TH AVE - EAST CITY LIMITS SEC. MT. HOOD HWY. MULTNOMAH COUNTY	
Designer: Sean Asl Drafter: S. Barghout, J. Richter, & M. Ghanem	Reviewer: Paul Worrelein Checker: Carl Abrams	SHEET NO. U28

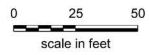
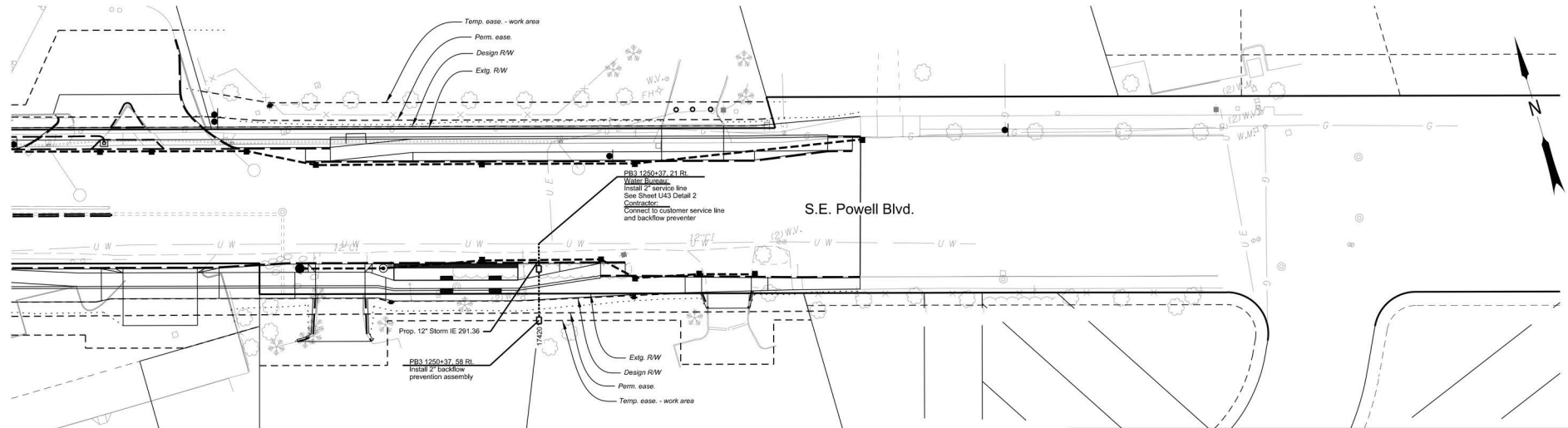
Confidential

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Scale: 1"=50'

NOTE: NO WATER MAIN RELOCATION IS PROPOSED IN THE AREA SHOWN ON THIS SHEET

Restrain All Joints
Renew All Services



Legend

- Betterment - Reimbursable conflict with PWB upsizing pipe (ODOT/PWB split payment)
- Proposed New Reimbursable Water Line (ODOT Pays)
- Proposed New Non-Reimbursable Water Lines (PWB Pays)
- Updated Proposed New Reimbursable Water Line (ODOT pays)



FIRST M. LAST, Engineering Manager, PE No ##### Date



RENEWS: 06-30-2024

HR HDR ENGINEERING, INC.
1050 SW 6TH AVE., SUITE 1800
PORTLAND, OR 97204
503.423.3700



US26 (POWELL BLVD):
SE 99TH AVE - EAST CITY LIMITS SEC.
MT. HOOD HWY.
MULTNOMAH COUNTY

Designer: Sean Asl Reviewer: Paul Worrelein
Drafter: S. Barghout, J. Richter, & M. Ghanem Checker: Carl Abrams

12" DI WATER MAIN (S.E. Powell Blvd.)
S.E. 136th Ave. - S.E. 174th Ave.

SHEET NO.
U29

Confidential

FINAL ELECTRONIC DOCUMENT
AVAILABLE UPON REQUEST

Rotation: 344° Scale: 1"=50'

Exhibit C-1 - Time Requirement Letter and Response Times



July 7, 2022

Portland Water Bureau
1120 SW 5th Avenue
Portland, OR 97204

Subject: Relocation Time Requirements – Revised - Final Plans
US26 (Powell Blvd): SE 99th Avenue – East City Limits
Mt. Hood Highway
Multnomah County
Key Number: K21178

Attention: Jamie Wilde

Murraysmith, Inc. has been retained by the Oregon Department of Transportation (ODOT) to provide design engineering services during the design phase of the subject project located in Portland, Oregon.

Pursuant to the provisions of paragraph 734-055-0045 (4) of the Oregon Administrative Rules, Chapter 734, Division 55, you have advised ODOT in writing that your relocation or adjustment work will be completed as listed below:

Relocation Work: The following Portland Water Bureau (PWB) facilities will be relocated, adjusted and/or installed during construction: Buried water mains and associated services, meters, backflow preventors, valves, and manholes throughout the project will be relocated and adjusted to accommodate project elements and achieve required project clearances.

Relocation Completion: All work will be completed by PWB and the ODOT Contractor per the Typical Construction Sequence in the project plans, sheet numbers U58 and U59.

Work cannot begin until all agreements, permits (City, County, State) and other required documentation are in place. An ODOT permit will be necessary for your plan for relocation.

Once PWB and ODOT have approved your relocation plan, contact Jim Bailey, district permit specialist in Clackamas, at 971-673-6200, to submit for your ODOT permit.

YOU ARE DIRECTED TO CONTACT Chris Aguon, construction project manager, or Jordan Cools, assistant construction project manager at 971-336-0088, prior to entering on any newly acquired right of way to commence your utility relocation. The PM or APM can advise you as to any property on which the state does not yet have a legal right of entry.

If you fail to meet the time requirement specified above, you will be subject to the provisions of OAR 734-055-0045 (6). A complete copy of this OAR subsection is enclosed for your information. The complete OAR, along with federal and state laws, rules regulations and policies pertaining to

Revised Timing Requirement Letter - PWB

utility relocations and reimbursements, are located on ODOT's Utility Relocation Program website available at: www.oregon.gov/ODOT/ROW/pages/Utilities.aspx.

If the time requirements stated above are incorrect, please call me at (503) 225-9010 or email me at devin.montgomery@murraysmith.us as soon as possible so that I may address your concern and make a revision if possible. This notice fulfills the requirements of OAR 734-055-0045 (4).

Thank you for your cooperation.

Sincerely,



Devin Montgomery, P.E., Utility Coordinator

CC: Nicole Frankl, State Utility and Railroad Liaison (UtilityandRailProgra@odot.oregon.gov)
Tammy Saldivar, ODOT Region 1 Utility Specialist
Justin Brandon, ODOT Region 1 Utility Specialist
Jen Bachman, ODOT Project Manager
Chris Aguon, ODOT Construction Project Manager
Jordan Cools, ODOT Assistant Construction Project Manager
Jim Bailey, District 2B Permits Specialist
Robby Cox, District 2B Permits Specialist
April Siebenalar, HDR Project Manager
Brendan LeBlanc, HDR Project Engineer
Gwen Montgomery, Murraysmith Project Engineer
Andrew Giesy, Murraysmith Utility Coordination Task Lead
Ryan Mace, PBOT Utility Permits
Paul Woerrlein, HDR Water Task Lead
Chris Chambers, PWB Water Designer

Oregon Administrative Rule 734-055-0045

- Division 55 – Pole Lines, Buried Cables, Pipe Lines, Signs, Miscellaneous Facilities and Miscellaneous Operations
- Section 45 – Removal, Relocation or Repair

(1) The permit is issued pursuant to the law of the State of Oregon which authorizes the Commission to subsequently require applicant to remove, relocate or repair the facility covered by the permit at the sole cost of applicant.

(2) Upon receiving written notice from the Engineer to remove, relocate or repair the said facility, applicant shall within 30 days or within the time frame contained in the notice, provide to the Engineer its time estimated requirements for accomplishing the directed action.

(3) The Engineer, after applicant has provided its estimated time requirement for removal, relocation or repair of said facility, may schedule a preconstruction meeting with all applicants and affected contractors to coordinate the requested activity.

(4) The Engineer in a second notice shall direct applicant, within a specified time frame and consistent with a coordination plan, to complete the removal, relocation or repair of said facility. The time frame outlined in the notice shall take into consideration the applicant's estimated time requirements to accomplish the directed action. Such removal, relocation, or repair shall be at applicant's sole cost in accordance with said second notice and instructions received from the Engineer. Before commencing said removal, relocation or repair, applicant shall furnish such insurance and post such bond as the Engineer may consider necessary at that time in the manner provided for in OAR 734-055-0035(1) and (2).

(5) Should applicant fail to remove, relocate or repair the facility as provided in section (4) of this rule, the DM may remove, relocate or repair same and submit a statement of total costs for this work to applicant. Applicant upon receiving said statement will immediately, or within a period of time agreed upon between applicant and Engineer, pay to the Department the full amount of said removal, relocation or repair costs.

(6) If the section of highway in which applicant is required by the Engineer to remove, relocate or repair a facility is or will be under construction or reconstruction or improvement under a contract entered into between the Department and an independent contractor and applicant's failure to remove, relocate or repair said pole line, buried cable, pipe line, sign or miscellaneous facility within the time specified in section (4) of this rule, or such other time as may be specified by the Engineer, results in payment by Department to its contractor of any claim for extra compensation for any work under said contract, applicant shall be liable to the Department for payment of the amount paid to Department's contractor as a direct result of applicants failure to comply with the time requirements of the Engineer.

Available online at <https://secure.sos.state.or.us/oard/view.action?ruleNumber=734-055-0045>

Table D2: Category 1 and 2 Cost Share Items Between Agencies

Project Descriptor Outer Powell Safety Corridor Improvements				Client: ODOT		KEY	
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits				Entered by: BEL		Category 1	All costs that are not specific to waterline work, but required to complete the waterline work such as mobilization, flagging, temp signals, construction engineering, and other items
Location: Portland, Oregon				Checked by: MW			
Description: Final Package						Category 2	Costs that are specific to waterline bid items.
Date: 7/13/2022							
ITEM NO.	ITEM	UNIT	UNIT COST			Anticipated PWB Participation in this Item?	Category
200 - TEMPORARY FEATURES AND APPURTENANCES							
0210-010000A	MOBILIZATION	LS				Yes	Category 1
0221-0101000A	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS				Yes	Category 1
0222-0102000J	TEMPORARY SIGNS	SQFT				Yes	Category 1
0222-0162000E	SEQUENTIAL ARROW SIGNS	EACH				Yes	Category 1
0222-0164000E	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH				Yes	Category 1
0222-0167500E	RADAR SPEED TRAILER	EACH				Yes	Category 1
0223-0168000T	FLAGGERS	HR				Yes	Category 1
0223-0169000E	TRAFFIC CONTROL SUPERVISOR	EACH				Yes	Category 1
0223-0168100E	FLAGGER STATION LIGHTING	EACH				Yes	Category 1
0224-0104000E	TEMPORARY BARRICADES, TYPE II	EACH				Yes	Category 1
0224-0105000E	TEMPORARY BARRICADES, TYPE III	EACH				Yes	Category 1
0224-0145000E	TEMPORARY PLASTIC DRUMS	EACH				Yes	Category 1
0225-0149000E	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH				Yes	Category 1
0225-0153000F	TEMPORARY STRIPING	FOOT				Yes	Category 1
0225-0153100E	TEMPORARY PAVEMENT LEGENDS	EACH				Yes	Category 1
0225-0153200J	TEMPORARY PAVEMENT BARS	SQFT				Yes	Category 1
0225-0154000F	STRIPE REMOVAL	FOOT				Yes	Category 1
0225-0156000J	BAR REMOVAL	SQFT				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.31	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.71	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.55	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.27	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.77	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.87	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.93	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 7.07	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.11	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.89	LS				Yes	Category 1
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.05	LS				Yes	Category 1
0228-0141600F	PEDESTRIAN CHANNELIZING DEVICES	FOOT				Yes	Category 1
0228-0167670E	TEMPORARY CURB RAMP,	EACH				Yes	Category 1
0228-0167680J	TEMPORARY WALKS	SQFT				Yes	Category 1
0280-0100000A	EROSION CONTROL	LS				Yes	Category 1
0280-0104020R	TEMPORARY MULCHING, STRAW	ACRE				Yes	Category 1
0280-0105040J	MATTING, TYPE D	SQYD				Yes	Category 1
0280-0105100J	COMPOST EROSION BLANKET	SQYD				Yes	Category 1
0280-0106060E	CHECK DAM, TYPE 6	EACH				Yes	Category 1
0280-0110010E	CONSTRUCTION ENTRANCE, TYPE 1	EACH				Yes	Category 1
0280-0113000F	SEDIMENT FENCE	FOOT				Yes	Category 1
0280-0114030E	INLET PROTECTION, TYPE 3	EACH				Yes	Category 1
0280-0114100E	INLET PROTECTION, TYPE 10	EACH				Yes	Category 1
0280-0114110E	INLET PROTECTION, TYPE 11	EACH				Yes	Category 1
0280-0115030F	SEDIMENT BARRIER, TYPE 3	FOOT				Yes	Category 1
0280-0115090F	SEDIMENT BARRIER, TYPE 9	FOOT				Yes	Category 1
9Z9 item	EXTRA FOR CONTAMINATED SOIL REMOVAL (REUSE)	CY				Yes	Category 1
Subtotal							
300 - ROADWORK						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
0305-0100000A	CONSTRUCTION SURVEY WORK	LS				Yes	Category 1
Subtotal							
400 - DRAINAGE AND SEWERS						Anticipated PWB Participation in this Item?	Bid Item PWB Share (quantity based)
0495-0100000J	TRENCH RESURFACING	SY				Yes	Quantity based
Subtotal							
500 - BRIDGES						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							
600 - BASES						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							
700 - WEARING SURFACES						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							
800 - PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							
900 - PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							
1000 - RIGHT OF WAY DEVELOPMENT AND CONTROL						Anticipated PWB Participation in this Item?	Ancillary Item PWB Share
Subtotal							

Table D2: Category 1 and 2 Cost Share Items Between Agencies

Project Descriptor Outer Powell Safety Corridor Improvements				Client: ODOT		KEY	
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits				Entered by: BEL		Category 1	All costs that are not specific to waterline work, but required to complete the waterline work such as mobilization, flagging, temp signals, construction engineering, and other items
Location: Portland, Oregon				Checked by: MW			
Description: Final Package						Category 2	Costs that are specific to waterline bid items.
Date: 7/13/2022							
ITEM NO.	ITEM	UNIT	UNIT COST				
1100 - WATER SUPPLY SYSTEMS						Anticipated PWB Participation in this Item?	Bid Item PWB Share (quantity based)
	SEPARATE WATER SUPPLY MATERIALS CONTRACT FOR ODOT CONTRACTOR (4 Reaches - Incl Stockpile Site)	LS	-	Yes		Category 2	
	SEPARATE WATER SUPPLY MATERIALS CONTRACT FOR PWB CREW (4 Reaches - Incl Stockpile Site)	LS	-	Yes		Category 2	
1140-0190000K	EXTRA TRENCH EXCAVATION WITH CLASS B BACKFILL	CUYD		Yes		Category 2	
1140-0500000F	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
1140-0500000F	6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
1140-0500000F	8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
1140-0500000F	12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH		Yes		Category 2	
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH	EACH		Yes		Category 2	
1140-0650000E	DUCTILE IRON PIPE BEND, 4 INCH	EACH		Yes		Category 2	
1140-0650000E	DUCTILE IRON PIPE BEND, 6 INCH	EACH		Yes		Category 2	
1140-0650000E	DUCTILE IRON PIPE BEND, 8 INCH	EACH		Yes		Category 2	
1140-0650000E	DUCTILE IRON PIPE BEND, 12 INCH	EACH		Yes		Category 2	
1140-0670000E	DUCTILE IRON PIPE REDUCER, 6 X 4 INCH	EACH		Yes		Category 2	
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 4 INCH	EACH		Yes		Category 2	
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 6 INCH	EACH		Yes		Category 2	
1140-0670000E	DUCTILE IRON PIPE REDUCER, 12 X 24 INCH	EACH		Yes		Category 2	
929 Item	INSTALL 4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
929 Item	INSTALL 6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
929 Item	INSTALL 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
929 Item	INSTALL 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE BEND, 4 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE BEND, 6 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE BEND, 8 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE BEND, 12 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE REDUCER, 12 X 6 INCH	EACH		Yes		Category 2	
929 Item	INSTALL DUCTILE IRON PIPE REDUCER, 12 X 8 INCH	EACH		Yes		Category 2	
1150-0100000E	2 INCH GATE VALVE	EACH		Yes		Category 2	
1150-0100000E	6 INCH GATE VALVE	EACH		Yes		Category 2	
1150-0100000E	8 INCH GATE VALVE	EACH		Yes		Category 2	
1150-0100000E	6 INCH HYDRANT GATE VALVE	EACH		Yes		Category 2	
1150-0100000E	12 INCH BUTTERFLY VALVE	EACH		Yes		Category 2	
929 Item	INSTALL 4 INCH GATE VALVE	EACH		Yes		Category 2	
929 Item	INSTALL 6 INCH GATE VALVE	EACH		Yes		Category 2	
929 Item	INSTALL 8 INCH GATE VALVE	EACH		Yes		Category 2	
929 Item	INSTALL 6 INCH HYDRANT GATE VALVE	EACH		Yes		Category 2	
929 Item	INSTALL 12 INCH BUTTERFLY VALVE	EACH		Yes		Category 2	
1150-0400000E	1 INCH RPBA BACKFLOW PREVENTION ASSEMBLY	EACH		No			
1150-0400000E	2 INCH RPBA BACKFLOW PREVENTION ASSEMBLY	EACH		No			
1150-0400000E	2 INCH DCVA BACKFLOW PREVENTION ASSEMBLY	EACH		No			
1150-0400000E	4 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH		No			
1150-0400000E	6 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH		No			
1150-0600000E	1 INCH COMBINATION AIR RELEASE / AIR VACUUM VALVE ASSEMBLY	EACH		Yes		Category 2	
1160-0100000E	HYDRANT ASSEMBLIES	EACH		Yes		Category 2	
1160-0102000E	MOVING EXISTING HYDRANTS	EACH		No			
1170-0109000F	1 INCH CU WATER SERVICE LINE	FOOT		Yes		Category 2	
1170-0109000F	2 INCH CU WATER SERVICE LINE	FOOT		Yes		Category 2	
929 Item	INSTALL 1 INCH CU WATER SERVICE LINE	FOOT		Yes		Category 2	
929 Item	INSTALL 2 INCH CU WATER SERVICE LINE	FOOT		Yes		Category 2	
1170-0110000E	1 INCH WATER METER ASSEMBLY	EACH		Yes		Category 2	
1170-0110000E	2 INCH WATER METER ASSEMBLY	EACH		Yes		Category 2	
Subtotal							
SUBTOTAL FOR CONSTRUCTION						Anticipated PWB Participation in this Item?	PWB Share
	CN - ANTICIPATED ITEM: Agency Furnished ATC Controller & Ethernet Switches for Signal & Communications Equipment	LS		No			
	CN - ANTICIPATED ITEM: Agency Furnished Preemption, Radar Detection, and Signal Heads	LS		No			
	CN - ANTICIPATED ITEM: Third Party Fiber Cable Splicing	LS		No			
9400-0012700A	CN - ANTICIPATED ITEM: Public Outreach	LS		No			

Table D2: Category 1 and 2 Cost Share Items Between Agencies

Project Descriptor Outer Powell Safety Corridor Improvements				Client: ODOT		KEY	
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits				Entered by: BEL		Category 1	All costs that are not specific to waterline work, but required to complete the waterline work such as mobilization, flagging, temp signals, construction engineering, and other items
Location: Portland, Oregon				Checked by: MW			
Description: Final Package						Category 2	Costs that are specific to waterline bid items.
Date: 7/13/2022							
ITEM NO.	ITEM	UNIT	UNIT COST				
	CN - ANTICIPATED ITEM: COP Forester	LS				No	
9400-0011000A	CN - ANTICIPATED ITEM: Statistical Asphalt Bonus	LS				No	
9400-0011410A	CN - ANTICIPATED ITEM: AC Escalation	LS				No	
	CN - ANTICIPATED ITEM: Additional Drywells & Capacity Tests (As needed)	LS				No	
	CN - ANTICIPATED ITEM: Unforeseen UST Removal (Removals that are not Included in the HDR Contract)	LS				No	
	CN - ANTICIPATED ITEM: Work Zone Law Enforcement (WZLE)	LS				No	
	CN - ANTICIPATED ITEM: Additional for COP Tree Planting and Preservation Fund	LS				No	
	CN - CONSTRUCTION CONTINGENCY	LS	3.5%			Yes	Category 1
	CN - CONTINGENCIES (Risk Events)	LS	7.2%			Yes	Category 1
	CN - CONTINGENCIES (Quantity, Lump Sum Value, & Design Variance)	LS	2.2%			Yes	Category 1
	CN - CONTINGENCIES (Unit Cost Variance)	LS	10.8%			Yes	Category 1
	CN - CONTINGENCIES (Community Workforce Agreement)	LS				No	
SUBTOTAL FOR CONSTRUCTION & CONTINGENCIES						Anticipated PWB Participation in this Item?	PWB Share
	PE - HDR ENGINEERING DESIGN (Non-contingency Amount Including Amendments #1 - #7)	LS				Yes - covered in separate IGA	IGA in place
	PE - HDR ENGINEERING DESIGN (Authorized Contingency Amount Incl Amd #1 - #7)	LS				Yes - covered in separate IGA	IGA in place
	PE - HDR ENGINEERING DESIGN (Unauthorized Contingency Amount Incl Amd #1 - #7)	LS				Yes - covered in separate IGA	IGA in place
	PE - ENGINEERING DESIGN (ODOT Internal)	LS				Yes - covered in separate IGA	IGA in place
	PE - ENGINEERING DESIGN (PWB Contribution to Conceptual Design)	LS				Yes - covered in separate IGA	IGA in place
	PE - ENGINEERING DESIGN (PWB Contribution to Final Design)	LS				Yes - covered in separate IGA	IGA in place
	PE - ENGINEERING DESIGN (PBOT Engineering Review)	LS				No	
	PE - ENGINEERING DESIGN (ODOT Balance Owed to PWB)	LS				No	
	PE - ENGINEERING DESIGN (PBOT Contribution)	LS				No	
	PE - ENGINEERING DESIGN (BES Contribution)	LS				No	
SUBTOTAL FOR PE PHASE (Escalation Not Applied)							
	UR - PWB WORK CREWS (Non-reimbursable)	LS				n/a	direct costs paid by PWB
	UR - PWB PAID CITY PERMIT FEES (Non-reimbursable)	LS				n/a	direct costs paid by PWB
	UR - PWB CONSTRUCTION ENGINEERING (Non-reimbursable)	LS				n/a	direct costs paid by PWB
	UR - ODOT PAYMENT TO PWB FOR WORK CREWS (Reimbursable Only)	LS				No	
	UR - ODOT PAYMENT TO PWB FOR CITY PERMITS (Reimbursable Only)	LS				No	
	UR - ODOT PAYMENT TO PWB FOR CONSTRUCTION ENGINEERING (PWB inspection of water supply items & trench resurfacing item)	LS				No	
	UR - OTHER UTILITY RELOCATIONS (Reimbursable Portion Only) (Aerial Within Existing Utility Easements, Utility Poles Needed Only for Street Lights, Lumen Cabinet, and PGE Transformer)	LS				No	
	UR - POWER SERVICE (Reimbursable Portion Only) (PGE Service Connections, Lighting Reinstallations and PGE Line Extensions for Signals & Street Lights)	LS				No	
	UR - CONTINGENCIES (Risk Events)	LS				No	
SUBTOTAL FOR UR PHASE EXCLUDING ESCALATION (Escalation Not Applied)							
	ROW - RIGHT OF WAY (ROW Programming Estimate Includes the Activities Under HDR Contract Tasks 13.5 thru 13.12)	LS	-			No	
	ROW - RIGHT OF WAY (HDR Contract Amendment #7)	LS	-			No	
	ROW - RIGHT OF WAY CONTINGENCY	LS	-			No	
	ROW - AUTHORIZED CONTINGENCY TASKS FOR ADDITIONAL ROW WORK (HDR Contract Tasks C13.14, C13.16, & C13.17)	LS	-			No	
	ROW - UNAUTHORIZED CONTINGENCY TASKS FOR ADDITIONAL ROW WORK	LS	-			No	
SUBTOTAL FOR ROW PHASE (Escalation Not Applied)							
	CN - ODOT CONSTRUCTION ENGINEERING	LS	7.8%			Yes	Category 1
	CN - HDR CONSTRUCTION ENGINEERING (Amendment #8 Draft - Includes Escalation)	LS	17.7%			Yes	Category 1
	CN - ADDITIONAL CONSTRUCTION ENGINEERING (Potential PBOT field reviews)	LS	-			No	
	CN - BES CONSTRUCTION FUNDS (Contribution Through IGA)	LS	-			No	
	CN - ADDITIONAL CONSTRUCTION ENGINEERING (Potential Agreement with BES: assumes representative for pipe/MH/drywells, but not the inlet work)	LS	-			No	

Table D3: Anticipated Percent Share and Cost Share Between Agencies

TABLE FOR EXHIBIT PURPOSES ONLY.

QUANTITIES AND COSTS SUBJECT TO CHANGE UPON BID AWARD.

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST		NON-REIMBURSABLE COST	
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL							
Location: Portland, Oregon		Checked by:							
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 8/16/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE		NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
200 - TEMPORARY FEATURES AND APPURTENANCES									
0210-010000A	MOBILIZATION	LS	\$ 4,003,612.67	0.96	95.7%	\$3,830,464	0.04	4.3%	\$173,149
0221-0101000A	TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	\$ 1,200,000.00	0.96	95.7%	\$1,148,102	0.04	4.3%	\$51,898
0222-0102000J	TEMPORARY SIGNS	SOFT	\$ 21.00	4,037	95.7%	\$84,787	183	4.3%	\$3,833
0222-0162000E	SEQUENTIAL ARROW SIGNS	EACH	\$ 5,500.00	3.83	95.7%	\$21,049	0.17	4.3%	\$951
0222-0164000E	PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	\$ 7,000.00	3.83	95.7%	\$26,789	0.17	4.3%	\$1,211
0223-0168000T	FLAGGERS	HR	\$ 60.00	51,665	95.7%	\$3,099,876	2,335	4.3%	\$140,124
0223-0169000E	TRAFFIC CONTROL SUPERVISOR	EACH	\$ 600.00	1,148	95.7%	\$688,861	52	4.3%	\$31,139
0223-0168100E	FLAGGER STATION LIGHTING	EACH	\$ 1,700.00	5.7	95.7%	\$9,759	0.3	4.3%	\$441
0224-0104000E	TEMPORARY BARRICADES, TYPE II	EACH	\$ 60.00	29	95.7%	\$1,722	1	4.3%	\$78
0224-0105000E	TEMPORARY BARRICADES, TYPE III	EACH	\$ 120.00	38	95.7%	\$4,592	2	4.3%	\$208
0224-0145000E	TEMPORARY PLASTIC DRUMS	EACH	\$ 50.00	80	95.7%	\$4,018	4	4.3%	\$182
0225-0149000E	TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH	\$ 1.20	5,230	95.7%	\$6,276	236	4.3%	\$284
0225-0153000F	TEMPORARY STRIPING	FOOT	\$ 0.20	234,596	95.7%	\$46,919	10,604	4.3%	\$2,121
0225-0153100E	TEMPORARY PAVEMENT LEGENDS	EACH	\$ 70.00	106	95.7%	\$7,434	5	4.3%	\$336
0225-0153200J	TEMPORARY PAVEMENT BARS	SOFT	\$ 2.35	769	95.7%	\$1,808	35	4.3%	\$62
0225-0154000F	STRIPE REMOVAL	FOOT	\$ 0.40	153,654	95.7%	\$61,462	6,946	4.3%	\$2,778
0225-0156000J	BAR REMOVAL	SOFT	\$ 7.00	241	95.7%	\$1,688	11	4.3%	\$76
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.31	LS	\$ 88,000.00	0.96	95.7%	\$84,194	0.04	4.3%	\$3,806
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.71	LS	\$ 96,000.00	0.96	95.7%	\$91,848	0.04	4.3%	\$4,152
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.55	LS	\$ 111,000.00	0.96	95.7%	\$106,199	0.04	4.3%	\$4,801
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.27	LS	\$ 97,000.00	0.96	95.7%	\$92,805	0.04	4.3%	\$4,195
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.77	LS	\$ 96,000.00	0.96	95.7%	\$91,848	0.04	4.3%	\$4,152
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.87	LS	\$ 98,000.00	0.96	95.7%	\$93,762	0.04	4.3%	\$4,238
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 6.93	LS	\$ 11,000.00	0.96	95.7%	\$10,524	0.04	4.3%	\$476
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 7.07	LS	\$ 11,000.00	0.96	95.7%	\$10,524	0.04	4.3%	\$476
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.11	LS	\$ 11,000.00	0.96	95.7%	\$10,524	0.04	4.3%	\$476
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 8.89	LS	\$ 11,000.00	0.96	95.7%	\$10,524	0.04	4.3%	\$476
0227-0158000A	TEMPORARY TRAFFIC SIGNAL- US26 M.P. 9.05	LS	\$ 19,000.00	0.96	95.7%	\$18,178	0.04	4.3%	\$822
0228-0141600F	PEDESTRIAN CHANNELIZING DEVICES	FOOT	\$ 25.00	3,004	95.7%	\$75,105	136	4.3%	\$3,395
0228-0167670E	TEMPORARY CURB RAMP, _____	EACH	\$ 1,350.00	55	95.7%	\$74,914	3	4.3%	\$3,386
0228-0167680J	TEMPORARY WALKS	SOFT	\$ 12.00	1,531	95.7%	\$18,370	69	4.3%	\$830
0280-0100000A	EROSION CONTROL	LS	\$ 180,000.00	0.96	95.7%	\$172,215	0.04	4.3%	\$7,785
0280-0104020R	TEMPORARY MULCHING, STRAW	ACRE	\$ 1,500.00	4	95.7%	\$5,741	0	4.3%	\$259
0280-0105040J	MATTING, TYPE D	SOYD	\$ 3.00	8,632	95.7%	\$25,895	390	4.3%	\$1,171
0280-0105100J	COMPOST EROSION BLANKET	SOYD	\$ 3.25	17,475	95.7%	\$56,794	790	4.3%	\$2,567
0280-0106060E	CHECK DAM, TYPE 6	EACH	\$ 130.00	10	95.7%	\$1,244	0	4.3%	\$56
0280-0110010E	CONSTRUCTION ENTRANCE, TYPE 1	EACH	\$ 1,750.00	19	95.7%	\$33,486	1	4.3%	\$1,514
0280-0113000F	SEDIMENT FENCE	FOOT	\$ 3.00	2,460	95.7%	\$7,379	111	4.3%	\$334
0280-0114030E	INLET PROTECTION, TYPE 3	EACH	\$ 90.00	327	95.7%	\$29,449	15	4.3%	\$1,331
0280-0114100E	INLET PROTECTION, TYPE 10	EACH	\$ 130.00	49	95.7%	\$6,343	2	4.3%	\$287
0280-0114110E	INLET PROTECTION, TYPE 11	EACH	\$ 120.00	4	95.7%	\$459	0	4.3%	\$21
0280-0115030F	SEDIMENT BARRIER, TYPE 3	FOOT	\$ 4.50	7,717	95.7%	\$34,727	349	4.3%	\$1,570
0280-0115090F	SEDIMENT BARRIER, TYPE 9	FOOT	\$ 5.00	1,722	95.7%	\$8,611	78	4.3%	\$389
300 - ROADWORK									
0305-0100000A	CONSTRUCTION SURVEY WORK	LS	\$ 300,000.00	0.96	95.7%	\$287,026	0.04	4.3%	\$12,974
400 - DRAINAGE AND SEWERS									
829 Item	REPLACING OR COATING VALVE AND METER COVERS	EACH	\$ 250.00	21	70.2%	\$5,266	9	29.8%	\$2,234
0495-0100000J	TRENCH RESURFACING	SY	\$ 100.00	6,044	74.0%	\$604,433	2,121	26.0%	\$212,067
1100 - WATER SUPPLY SYSTEMS									
1140-0190000K	EXTRA TRENCH EXCAVATION WITH CLASS B BACKFILL	CUYD	\$ 85.00	296	70.2%	\$25,126	125	29.8%	\$10,659
1140-0500000F	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 130.00	58	59.2%	\$7,540	40	40.8%	\$5,200
1140-0500000F	6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 150.00	709	37.9%	\$106,350	1,161	62.1%	\$174,150
1140-0500000F	8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 160.00	140	16.5%	\$22,400	708	83.5%	\$113,280
1140-0500000F	12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 180.00	11,945	92.3%	\$2,150,100	998	7.7%	\$179,640
1140-0610000E	DUCTILE IRON PIPE TEES, 4 X 4 X 4 INCH	EACH	\$ 600.00	0	0.0%	\$0	2	100.0%	\$1,200
1140-0610000E	DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH	\$ 600.00	1	33.3%	\$600	2	66.7%	\$1,200
1140-0610000E	DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH	\$ 750.00	1	33.3%	\$750	2	66.7%	\$1,500
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH	\$ 800.00	3	100.0%	\$2,400	0	0.0%	\$0
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH	\$ 850.00	24	70.6%	\$20,400	10	29.4%	\$8,500

Table D3: Anticipated Percent Share and Cost Share Between Agencies

TABLE FOR EXHIBIT PURPOSES ONLY.
 QUANTITIES AND COSTS SUBJECT TO CHANGE UPON BID AWARD.

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST			NON-REIMBURSABLE COST
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL		Checked by:			NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
Location: Portland, Oregon									
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 8/16/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE				
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH	\$ 900.00	9	81.8%	\$8,100	2	18.2%	\$1,800
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH	EACH	\$ 950.00	1	25.0%	\$950	3	75.0%	\$2,850
1140-0640000E	DUCTILE IRON PIPE CROSS, 12 X 12 X 8 X 8 INCH	EACH	\$ 1,500.00	1	50.0%	\$1,500	1	50.0%	\$1,500
1140-0640000E	DUCTILE IRON PIPE CROSS, 12 X 12 X 12 X 12 INCH	EACH	\$ 2,000.00	1	100.0%	\$2,000	0	0.0%	\$0
1140-0650000E	DUCTILE IRON PIPE BEND, 4 INCH	EACH	\$ 300.00	2	22.2%	\$600	7	77.8%	\$2,100
1140-0650000E	DUCTILE IRON PIPE BEND, 6 INCH	EACH	\$ 350.00	7	10.4%	\$2,450	60	89.6%	\$21,000
1140-0650000E	DUCTILE IRON PIPE BEND, 8 INCH	EACH	\$ 400.00	4	7.8%	\$1,600	47	92.2%	\$18,800
1140-0650000E	DUCTILE IRON PIPE BEND, 12 INCH	EACH	\$ 900.00	28	90.3%	\$25,200	3	9.7%	\$2,700
1140-0670000E	DUCTILE IRON PIPE REDUCER, 6 X 4 INCH	EACH	\$ 350.00	3	50.0%	\$1,050	3	50.0%	\$1,050
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 4 INCH	EACH	\$ 450.00	0	0.0%	\$0	1	100.0%	\$450
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 6 INCH	EACH	\$ 450.00	2	66.7%	\$900	1	33.3%	\$450
1140-0670000E	DUCTILE IRON PIPE REDUCER, 12 X 6 INCH	EACH	\$ 650.00	0	0.0%	\$0	1	100.0%	\$650
1140-0670000E	DUCTILE IRON PIPE REDUCER, 12 X 8 INCH	EACH	\$ 750.00	1	100.0%	\$750	0	0.0%	\$0
929 Item	INSTALL 4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 80.00	0	0.0%	\$0	164	100.0%	\$13,120
929 Item	INSTALL 6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 100.00	0	0.0%	\$0	172	100.0%	\$17,200
929 Item	INSTALL 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 105.00	0	0.0%	\$0	54	100.0%	\$5,670
929 Item	INSTALL 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 95.00	0	0.0%	\$0	2,155	100.0%	\$204,725
929 Item	INSTALL DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH	\$ 100.00	0	0.0%	\$0	1	100.0%	\$100
929 Item	INSTALL DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH	\$ 100.00	0	0.0%	\$0	1	100.0%	\$100
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH	\$ 100.00	0	0.0%	\$0	2	100.0%	\$200
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH	\$ 100.00	0	0.0%	\$0	4	100.0%	\$400
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH	\$ 100.00	0	0.0%	\$0	2	100.0%	\$200
929 Item	INSTALL DUCTILE IRON PIPE BEND, 4 INCH	EACH	\$ 50.00	0	0.0%	\$0	5	100.0%	\$250
929 Item	INSTALL DUCTILE IRON PIPE BEND, 6 INCH	EACH	\$ 50.00	0	0.0%	\$0	4	100.0%	\$200
929 Item	INSTALL DUCTILE IRON PIPE BEND, 8 INCH	EACH	\$ 50.00	0	0.0%	\$0	5	100.0%	\$250
929 Item	INSTALL DUCTILE IRON PIPE BEND, 12 INCH	EACH	\$ 50.00	0	0.0%	\$0	3	100.0%	\$150
929 Item	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS IN STOCKPILE	FOOT	\$ 50.00	64	45.0%	\$3,218	79	55.0%	\$3,933
929 Item	6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS IN STOCKPILE	FOOT	\$ 50.00	252	45.0%	\$12,623	309	55.0%	\$15,428
929 Item	8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS IN STOCKPILE	FOOT	\$ 55.00	142	45.0%	\$7,821	174	55.0%	\$9,559
929 Item	12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS IN STOCKPILE	FOOT	\$ 85.00	293	45.0%	\$24,901	358	55.0%	\$30,434
929 Item	DUCTILE SOLID SLEEVE IN STOCKPILE, 4 INCH	EACH	\$ 393.75	7	45.0%	\$2,835	9	55.0%	\$3,465
929 Item	DUCTILE SOLID SLEEVE IN STOCKPILE, 6 INCH	EACH	\$ 750.00	18	45.0%	\$13,163	21	55.0%	\$16,088
929 Item	DUCTILE SOLID SLEEVE IN STOCKPILE, 8 INCH	EACH	\$ 968.75	9	45.0%	\$8,719	11	55.0%	\$10,656
929 Item	DUCTILE SOLID SLEEVE IN STOCKPILE, 12 INCH	EACH	\$ 1,625.00	13	45.0%	\$21,206	16	55.0%	\$25,919
929 Item	DUCTILE IRON PIPE BEND IN STOCKPILE, 4 INCH	EACH	\$ 375.00	3	45.0%	\$1,013	3	55.0%	\$1,238
929 Item	DUCTILE IRON PIPE BEND IN STOCKPILE, 6 INCH	EACH	\$ 450.00	9	45.0%	\$4,050	11	55.0%	\$4,950
929 Item	DUCTILE IRON PIPE BEND IN STOCKPILE, 8 INCH	EACH	\$ 500.00	4	45.0%	\$1,800	4	55.0%	\$2,200

Table D3: Anticipated Percent Share and Cost Share Between Agencies
 TABLE FOR EXHIBIT PURPOSES ONLY.
 QUANTITIES AND COSTS SUBJECT TO CHANGE UPON BID AWARD.

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST			NON-REIMBURSABLE COST
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL		Checked by:			NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
Location: Portland, Oregon									
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 8/16/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE				
929 Item	DUCTILE IRON PIPE BEND IN STOCKPILE, 12 INCH	EACH	\$ 550.00	10	45.0%	\$5,445	12	55.0%	\$6,655
929 Item	DUCTILE IRON PIPE TEE IN STOCKPILE, 12 INCH	EACH	\$ 1,500.00	0	45.0%	\$675	1	55.0%	\$825
929 Item	DUCTILE IRON PIPE REDUCER IN STOCKPILE, 12 X 6 INCH	EACH	\$ 400.00	0	45.0%	\$180	1	55.0%	\$220
929 Item	DUCTILE IRON PIPE REDUCER IN STOCKPILE, 12 X 24 INCH	EACH	\$ 1,400.00	1	45.0%	\$1,260	1	55.0%	\$1,540
929 Item	1 INCH AIR RELEASE VACUUM VALVE ASSEMBLY IN STOCKPILE	EACH	\$ 600.00	1	45.0%	\$810	2	55.0%	\$990
929 Item	RESTRAINING GASKET, 6 INCH IN STOCKPILE	EACH	\$ 65.00	2	45.0%	\$117	2	55.0%	\$143
929 Item	RESTRAINING GASKET, 8 INCH IN STOCKPILE	EACH	\$ 85.00	1	45.0%	\$77	1	55.0%	\$94
929 Item	RESTRAINING GASKET, 12 INCH IN STOCKPILE	EACH	\$ 120.00	9	45.0%	\$1,080	11	55.0%	\$1,320
929 Item	RESTRAINING GLAND, 4 INCH IN STOCKPILE	EACH	\$ 25.00	20	45.0%	\$495	24	55.0%	\$605
929 Item	RESTRAINING GLAND, 6 INCH IN STOCKPILE	EACH	\$ 35.00	53	45.0%	\$1,859	65	55.0%	\$2,272
929 Item	RESTRAINING GLAND, 8 INCH IN STOCKPILE	EACH	\$ 55.00	25	45.0%	\$1,386	31	55.0%	\$1,694
929 Item	RESTRAINING GLAND, 12 INCH IN STOCKPILE	EACH	\$ 75.00	46	45.0%	\$3,443	56	55.0%	\$4,208
929 Item	RESTRAINING GLAND, 24 INCH IN STOCKPILE	EACH	\$ 150.00	0	45.0%	\$68	1	55.0%	\$83
929 Item	MJ GASKET, 4 INCH IN STOCKPILE	EACH	\$ 15.00	20	45.0%	\$297	24	55.0%	\$363
929 Item	MJ GASKET, 6 INCH IN STOCKPILE	EACH	\$ 35.00	53	45.0%	\$1,859	65	55.0%	\$2,272
929 Item	MJ GASKET, 8 INCH IN STOCKPILE	EACH	\$ 45.00	25	45.0%	\$1,134	31	55.0%	\$1,386
929 Item	MJ GASKET, 12 INCH IN STOCKPILE	EACH	\$ 65.00	46	45.0%	\$2,984	56	55.0%	\$3,647
929 Item	MJ GASKET, 24 INCH IN STOCKPILE	EACH	\$ 125.00	0	45.0%	\$56	1	55.0%	\$69
929 Item	BOLTS, 3/4 INCH X 3 1/2 INCH IN STOCKPILE	EACH	\$ 4.00	398	45.0%	\$1,591	486	55.0%	\$1,945
929 Item	BOLTS, 3/4 INCH X 4 INCH IN STOCKPILE	EACH	\$ 4.50	518	45.0%	\$2,333	634	55.0%	\$2,851
929 Item	BOLTS, 3/4 INCH X 5 INCH IN STOCKPILE	EACH	\$ 5.50	7	45.0%	\$40	9	55.0%	\$48
1150-0100000E	2 INCH GATE VALVE	EACH	\$ 500.00	14	93.3%	\$7,000	1	6.7%	\$500
1150-0100000E	4 INCH GATE VALVE	EACH	\$ 750.00	0	0.0%	\$0	8	100.0%	\$6,000
1150-0100000E	6 INCH GATE VALVE	EACH	\$ 1,200.00	11	47.8%	\$13,200	12	52.2%	\$14,400
1150-0100000E	8 INCH GATE VALVE	EACH	\$ 1,800.00	4	28.6%	\$7,200	10	71.4%	\$18,000
1150-0100000E	6 INCH HYDRANT GATE VALVE	EACH	\$ 1,200.00	11	52.4%	\$13,200	10	47.6%	\$12,000
1150-0100000E	12 INCH BUTTERFLY VALVE	EACH	\$ 4,500.00	56	83.6%	\$252,000	11	16.4%	\$49,500
929 Item	INSTALL 4 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	2	100.0%	\$150
929 Item	INSTALL 6 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	4	100.0%	\$300
929 Item	6 INCH GATE VALVE IN STOCKPILE	EACH	\$ 1,375.00	0	45.0%	\$619	1	55.0%	\$756
929 Item	INSTALL 8 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	2	100.0%	\$150
929 Item	8 INCH GATE VALVE IN STOCKPILE	EACH	\$ 2,125.00	0	45.0%	\$956	1	55.0%	\$1,169
929 Item	INSTALL 6 INCH HYDRANT GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	3	100.0%	\$225
929 Item	INSTALL 12 INCH BUTTERFLY VALVE	EACH	\$ 300.00	0	0.0%	\$0	9	100.0%	\$2,700
929 Item	12 INCH BUTTERFLY VALVE IN STOCKPILE	EACH	\$ 2,812.50	0	45.0%	\$1,266	1	55.0%	\$1,547
1150-0400000E	1 INCH RPBA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 1,500.00	1	100.0%	\$1,500	0	0.0%	\$0
1150-0400000E	2 INCH DCVA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 10,000.00	4	100.0%	\$40,000	0	0.0%	\$0

Table D3: Anticipated Percent Share and Cost Share Between Agencies

TABLE FOR EXHIBIT PURPOSES ONLY.
 QUANTITIES AND COSTS SUBJECT TO CHANGE UPON BID AWARD.

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST			NON-REIMBURSABLE COST
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL		Checked by:			NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
Location: Portland, Oregon									
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 8/16/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE				
1150-0400000E	4 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 35,000.00	2	100.0%	\$70,000	0	0.0%	\$0
1150-0400000E	6 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 45,000.00	1	100.0%	\$45,000	0	0.0%	\$0
1150-0600000E	1 INCH COMBINATION AIR RELEASE / AIR VACUUM VALVE ASSEMBLY	EACH	\$ 1,200.00	6	14.3%	\$7,200	36	85.7%	\$43,200
1160-0100000E	HYDRANT ASSEMBLIES	EACH	\$ 5,000.00	11	52.4%	\$55,000	10	47.6%	\$50,000
1160-0102000E	MOVING EXISTING HYDRANTS	EACH	\$ 4,000.00	7	100.0%	\$28,000	0	0.0%	\$0
929 Item	INSTALL HYDRANT ASSEMBLIES	EACH	\$ 800.00	0	0.0%	\$0	3	100.0%	\$2,400
1170-0105000E	RECONNECTING EXISTING WATER SERVICES, 1 INCH	EACH	\$ 200.00	1	100.0%	\$200	0	0.0%	\$0
1170-0107000E	RECONNECTING EXISTING WATER SERVICES, 2 INCH	EACH	\$ 300.00	4	100.0%	\$1,200	0	0.0%	\$0
1170-0109000F	1 INCH CU WATER SERVICE LINE	FOOT	\$ 80.00	4,733	84.3%	\$378,640	882	15.7%	\$70,560
1170-0109000F	2 INCH CU WATER SERVICE LINE	FOOT	\$ 130.00	548	95.1%	\$71,240	28	4.9%	\$3,640
1170-0110000E	1 INCH WATER METER ASSEMBLY	EACH	\$ 1,500.00	149	82.3%	\$223,500	32	17.7%	\$48,000
1170-0110000E	2 INCH WATER METER ASSEMBLY	EACH	\$ 3,000.00	14	93.3%	\$42,000	1	6.7%	\$3,000
929 Item	ABANDON EXISTING WATER PIPE UNDER 12 INCH	LS	\$ 25,000.00	0.70	70.2%	\$17,554	0.30	29.8%	\$7,446
929 Item	ABANDON EXISTING WATER PIPE 12 INCH AND OVER	LS	\$ 150,000.00	0.70	70.2%	\$105,321	0.30	29.8%	\$44,679
Procurement	DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH, IN STOCKPILE (EA)	EACH	\$ 437.50	0	0.0%	\$0	1	100.0%	\$438
Procurement	DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH, IN STOCKPILE (EA)	EACH	\$ 593.75	0	0.0%	\$0	1	100.0%	\$594
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH, IN STOCKPILE (EA)	EACH	\$ 1,156.25	0	0.0%	\$0	2	100.0%	\$2,313
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH, IN STOCKPILE (EA)	EACH	\$ 1,187.50	0	0.0%	\$0	4	100.0%	\$4,750
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH, IN STOCKPILE (EA)	EACH	\$ 1,250.00	0	0.0%	\$0	2	100.0%	\$2,500
Procurement	DUCTILE IRON PIPE BEND IN STOCKPILE, 4 INCH (EA)	EACH	\$ 375.00	0	0.0%	\$0	5	100.0%	\$1,875
Procurement	DUCTILE IRON PIPE BEND IN STOCKPILE, 6 INCH (EA)	EACH	\$ 450.00	4	40.0%	\$1,800	6	60.0%	\$2,700
Procurement	DUCTILE IRON PIPE BEND IN STOCKPILE, 8 INCH (EA)	EACH	\$ 500.00	4	36.4%	\$2,000	7	63.6%	\$3,500
Procurement	DUCTILE IRON PIPE BEND IN STOCKPILE, 12 INCH (EA)	EACH	\$ 550.00	8	50.0%	\$4,400	8	50.0%	\$4,400
Procurement	4 INCH COUPLING IN STOCKPILE (EA)	EACH	\$ 393.75	0	0.0%	\$0	4	100.0%	\$1,575
Procurement	6 INCH COUPLING IN STOCKPILE (EA)	EACH	\$ 750.00	0	0.0%	\$0	5	100.0%	\$3,750
Procurement	8 INCH COUPLING IN STOCKPILE (EA)	EACH	\$ 968.75	0	0.0%	\$0	5	100.0%	\$4,844
Procurement	12 INCH COUPLING IN STOCKPILE (EA)	EACH	\$ 1,625.00	0	0.0%	\$0	8	100.0%	\$13,000
Procurement	4 INCH GATE VALVE IN STOCKPILE (EA)	EACH	\$ 1,125.00	0	0.0%	\$0	2	100.0%	\$2,250
Procurement	6 INCH GATE VALVE IN STOCKPILE (EA)	EACH	\$ 1,375.00	0	0.0%	\$0	4	100.0%	\$5,500
Procurement	8 INCH GATE VALVE IN STOCKPILE (EA)	EACH	\$ 2,125.00	0	0.0%	\$0	2	100.0%	\$4,250
Procurement	6 INCH HYDRANT GATE VALVE IN STOCKPILE (EA)	EACH	\$ 1,375.00	0	0.0%	\$0	3	100.0%	\$4,125
Procurement	12 INCH BUTTERFLY VALVE IN STOCKPILE (EA)	EACH	\$ 2,812.50	0	0.0%	\$0	9	100.0%	\$25,313
Procurement	HYDRANT ASSEMBLIES IN STOCKPILE (EA)	EACH	\$ 4,000.00	0	0.0%	\$0	3	100.0%	\$12,000
Procurement	4 INCH DUCTILE IRON PIPE IN STOCKPILE (FT)	EACH	\$ 50.00	0	0.0%	\$0	164	100.0%	\$8,200
Procurement	6 INCH DUCTILE IRON PIPE IN STOCKPILE (FT)	EACH	\$ 50.00	0	0.0%	\$0	217	100.0%	\$10,850
Procurement	8 INCH DUCTILE IRON PIPE IN STOCKPILE (FT)	EACH	\$ 55.00	0	0.0%	\$0	85	100.0%	\$4,675
Procurement	12 INCH DUCTILE IRON PIPE IN STOCKPILE (FT)	EACH	\$ 85.00	0	0.0%	\$0	2,305	100.0%	\$195,925
Procurement	DUCTILE IRON PIPE PLUG IN STOCKPILE	EACH	\$ 300.00	0	0.0%	\$0	15	100.0%	\$4,500
ANTICIPATED ITEMS AND CONTINGENCIES									
	CN - CONSTRUCTION CONTINGENCY	LS	\$ 1,541,391	0.96	95.7%	\$1,474,729	0.04	4.3%	\$66,662
	CN - CONTINGENCIES (Risk Events) - cost increase	LS	\$ 3,170,861	0.96	95.7%	\$3,033,728	0.04	4.3%	\$137,134
	CN - CONTINGENCIES (Quantity, Lump Sum Value, & Design Variance)	LS	\$ 968,874	0.96	95.7%	\$926,972	0.04	4.3%	\$41,902
	CN - CONTINGENCIES (Unit Cost Variance)	LS	\$ 4,756,292	0.96	95.7%	\$4,550,591	0.04	4.3%	\$205,701
ENGINEERING									
	UR - PWB CONSTRUCTION ENGINEERING	LS	1,137,249	ODOT EXPENDITURE LIMITED TO:			\$ 798,510		\$338,739
	CN - ODOT CONSTRUCTION ENGINEERING	LS	3,435,100	0.96	95.7%	\$3,286,538	0.04	4.3%	\$148,562
	CN - HDR CONSTRUCTION ENGINEERING (Amendment #8 Draft - Includes Escalation)	LS	7,964,631	0.964	96.4%	\$7,680,674	0.036	3.6%	\$283,957
PWB WORK CREWS AND CITY PERMIT FEES									
	UR - PWB FOR WORK CREWS	LS	\$ 1,068,408	ODOT EXPENDITURE LIMITED TO:			\$ 521,188		\$283,330
	UR - COP PERMITS FOR WATER LINES	LS	\$ -	ODOT EXPENDITURE LIMITED TO:			\$ 6,119		\$13,757
ESCALATION									
	Inflation	3 YEARS OF INFLATION (Mid point of construction)	PER YEAR	6.16%	Add 20.86% to Total		Add 20.86% to Total		\$678,818

TOTAL FEET OF CONTRACTOR INSTALLED WATER MAIN	18,304
---	--------

Non-reimbursable construction total (includes PWB crew work and inspection that ODOT won't see)	\$4,540,174
---	-------------

Table D3: Anticipated Percent Share and Cost Share Between Agencies

TABLE FOR EXHIBIT PURPOSES ONLY.
 QUANTITIES AND COSTS SUBJECT TO CHANGE UPON BID AWARD.

Project Description: Outer Powell Safety Corridor Improvements Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits Location: Portland, Oregon Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate Date: 8/16/2022						Client: ODOT		Entered by: BEL		Checked by:		REIMBURSABLE COST	NON-REIMBURSABLE COST	
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE		NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE						
	TOTAL FEET OF REIMBURSABLE CONTRACTOR INSTALLED WATER MAIN	12,852							PWB crew work (pass thru)		\$768,483			
	TOTAL FEET OF NON-REIMBURSABLE CONTRACTOR INSTALLED WATER MAIN	5,452							NON reimbursable CN and OT (PWB Owed Amount)		\$3,771,691			
	PERCENTAGE OF CONTRACT & PROCUREMENT FOR CONTRACTOR THAT IS DIRECT WATER SUPPLY ITEMS	14.52%												
	PERCENTAGE OF CONTRACTOR INSTALLED WATER MAIN THAT IS NON-REIMBURSABLE	29.79%							Non-reimbursable PE total		\$506,500			
	PERCENTAGE OF ANCILLARY ITEMS THAT IS PWB RESPONSIBILITY	4.32%							Non-reimbursable TOTAL PE+CN+OT		\$4,278,191			

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST			NON-REIMBURSABLE COST
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL		Checked by:			NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
Location: Portland, Oregon									
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 7/13/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE		NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
200 - TEMPORARY FEATURES AND APPURTENANCES									
400 - DRAINAGE AND SEWERS									
0495-0100000J	TRENCH RESURFACING	EACH	\$ 100.00	4,617	56.8%	\$461,700	3,509	43.2%	\$350,867
1100 - WATER SUPPLY SYSTEMS									
1140-0190000K	EXTRA TRENCH EXCAVATION WITH CLASS B BACKFILL	CUYD	\$ 85.00	233	55.1%	\$19,777	189	44.9%	\$16,092
1140-0500000F	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 125.00	0	0.0%	\$0	57	100.0%	\$7,125
Phantom Item	4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL (Part of Betterment to 6 Inch)	FOOT	\$ 125.00	184	100.0%	\$23,000	0	0.0%	\$0
1140-0500000F	6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 145.00	524	32.6%	\$75,980	1,081	67.4%	\$156,745
In bid schedule included as quantity under 1140-0500000F - 6 Inch	INCREASE FROM 4 INCH TO 6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 20.00	0	0.0%	\$0	184	100.0%	\$3,680
Phantom Item	6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL (Part of Betterment to 8 Inch)	FOOT	\$ 145.00	60	100.0%	\$8,700	0	0.0%	\$0
1140-0500000F	8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 155.00	80	10.2%	\$12,400	707	89.8%	\$109,585
In bid schedule included as quantity under 1140-0500000F - 8 Inch	INCREASE FROM 6 INCH TO 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 10.00	0	0.0%	\$0	60	100.0%	\$600
Phantom Item	8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL (Part of Betterment to 12 Inch)	FOOT	\$ 155.00	4,960	100.0%	\$768,800	0	0.0%	\$0
1140-0500000F	12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 175.00	2,475	45.0%	\$433,125	3,021	55.0%	\$528,675
In bid schedule included as quantity under 1140-0500000F - 12 Inch	INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 20.00	0	0.0%	\$0	4,960	100.0%	\$99,200
Procurement	4 INCH DUCTILE IRON PIPE IN STOCKPILE	FOOT	\$ 50.00	0	0.0%	\$0	147	100.0%	\$7,350
Procurement	6 INCH DUCTILE IRON PIPE IN STOCKPILE	FOOT	\$ 50.00	0	0.0%	\$0	258	100.0%	\$12,900
Procurement	8 INCH DUCTILE IRON PIPE IN STOCKPILE	FOOT	\$ 55.00	0	0.0%	\$0	118	100.0%	\$6,490
Phantom Item	8 INCH DUCTILE IRON PIPE IN STOCKPILE (Part of Betterment to 12 Inch)	FOOT	\$ 55.00	1,833	100.0%	\$100,815	0	0.0%	\$0
Procurement	12 INCH DUCTILE IRON PIPE IN STOCKPILE	FOOT	\$ 85.00	0	0.0%	\$0	2,842	100.0%	\$241,570
In procurement included as quantity under 12 Inch	INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE IN STOCKPILE	FOOT	\$ 30.00	0	0.0%	\$0	1,833	100.0%	\$54,990
929 Item	INSTALL 4 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 75.00	0	0.0%	\$0	147	100.0%	\$11,025
929 Item	INSTALL 6 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 95.00	0	0.0%	\$0	258	100.0%	\$24,510
929 Item	INSTALL 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 100.00	0	0.0%	\$0	118	100.0%	\$11,800
Phantom Item	INSTALL 8 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL (Part of Betterment to 12 Inch)	FOOT	\$ 79.71	1,833	100.0%	\$146,116	0	0.0%	\$0
929 Item	INSTALL 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 90.00	0	0.0%	\$0	2,842	100.0%	\$255,780
In bid schedule included as quantity under install 12 Inch	INSTALL INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE WITH RESTRAINED JOINTS AND CLASS B BACKFILL	FOOT	\$ 10.29	0	0.0%	\$0	1,833	100.0%	\$18,854
1140-0610000E	DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH	\$ 600.00	1	100.0%	\$600	0	0.0%	\$0
Procurement	DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH IN STOCKPILE	EACH	\$ 437.50	0	0.0%	\$0	1	100.0%	\$438
929 Item	INSTALL DUCTILE IRON PIPE TEES, 6 X 6 X 6 INCH	EACH	\$ 100.00	0	0.0%	\$0	1	100.0%	\$100
1140-0610000E	DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH	\$ 750.00	1	100.0%	\$750	0	0.0%	\$0
Procurement	DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH IN STOCKPILE	EACH	\$ 593.75	0	0.0%	\$0	1	100.0%	\$594
929 Item	INSTALL DUCTILE IRON PIPE TEES, 8 X 8 X 6 INCH	EACH	\$ 100.00	0	0.0%	\$0	1	100.0%	\$100
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH	\$ 800.00	1	100.0%	\$800	0	0.0%	\$0
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH IN STOCKPILE	EACH	\$ 1,156.25	3	60.0%	\$3,469	2	40.0%	\$2,313
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 4 INCH	EACH	\$ 100.00	3	60.0%	\$300	2	40.0%	\$200
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH	\$ 850.00	22	68.8%	\$18,700	10	31.3%	\$8,500
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH IN STOCKPILE	EACH	\$ 1,187.50	1	14.3%	\$1,188	6	85.7%	\$7,125
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 6 INCH	EACH	\$ 100.00	1	14.3%	\$100	6	85.7%	\$600
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH	\$ 900.00	8	66.7%	\$7,200	4	33.3%	\$3,600
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH IN STOCKPILE	EACH	\$ 1,250.00	2	50.0%	\$2,500	2	50.0%	\$2,500

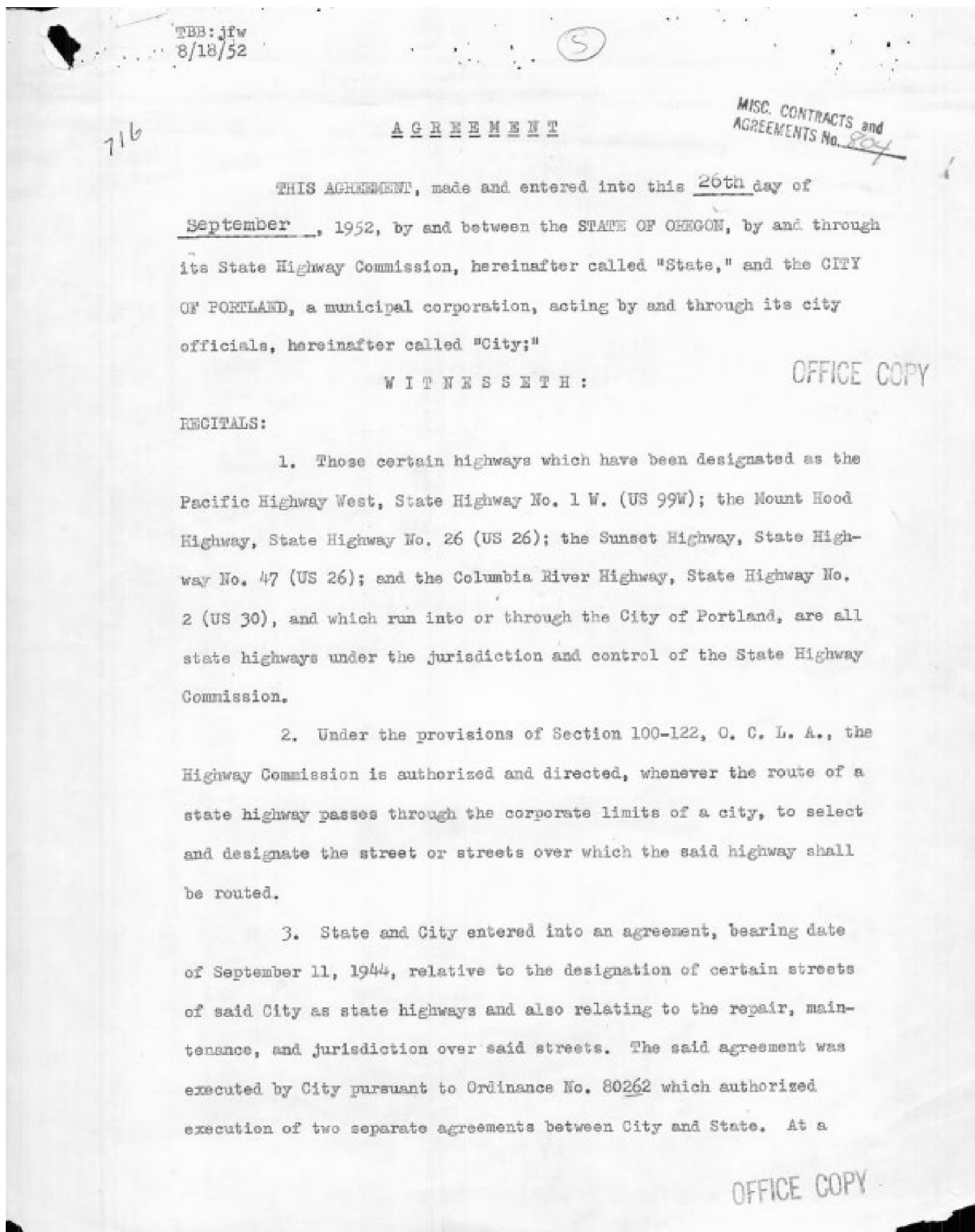
Table D4: Category 2 Percentages that apply to Category 3 Cost Share Agreement

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST		NON-REIMBURSABLE COST	
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL							
Location: Portland, Oregon		Checked by:							
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 7/13/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE		NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 8 INCH	EACH	\$ 100.00	2	50.0%	\$200	2	50.0%	\$200
1140-0610000E	DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH	EACH	\$ 950.00	1	50.0%	\$950	1	50.0%	\$950
Procurement	DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH IN STOCKPILE	EACH	\$ 1,500.00	1	33.3%	\$1,500	2	66.7%	\$3,000
929 Item	INSTALL DUCTILE IRON PIPE TEES, 12 X 12 X 12 INCH	EACH	\$ 100.00	1	33.3%	\$100	2	66.7%	\$200
1140-0650000E	DUCTILE IRON PIPE BEND, 4 INCH	EACH	\$ 300.00	0	0.0%	\$0	1	100.0%	\$300
Procurement	DUCTILE IRON PIPE BEND, 4 INCH IN STOCKPILE	EACH	\$ 375.00	0	0.0%	\$0	3	100.0%	\$1,125
929 Item	INSTALL DUCTILE IRON PIPE BEND, 4 INCH	EACH	\$ 50.00	0	0.0%	\$0	3	100.0%	\$150
1140-0650000E	DUCTILE IRON PIPE BEND, 6 INCH	EACH	\$ 350.00	5	20.8%	\$1,750	19	79.2%	\$6,650
Procurement	DUCTILE IRON PIPE BEND, 6 INCH IN STOCKPILE	EACH	\$ 450.00	0	0.0%	\$0	3	100.0%	\$1,350
929 Item	INSTALL DUCTILE IRON PIPE BEND, 6 INCH	EACH	\$ 50.00	0	0.0%	\$0	3	100.0%	\$150
1140-0650000E	DUCTILE IRON PIPE BEND, 8 INCH	EACH	\$ 400.00	4	22.2%	\$1,600	14	77.8%	\$5,600
Procurement	DUCTILE IRON PIPE BEND, 8 INCH IN STOCKPILE	EACH	\$ 500.00	0	0.0%	\$0	4	100.0%	\$2,000
929 Item	INSTALL DUCTILE IRON PIPE BEND, 8 INCH	EACH	\$ 50.00	0	0.0%	\$0	4	100.0%	\$200
Phantom Item	DUCTILE IRON PIPE BEND, 8 INCH (Part of Betterment to 12 Inch)	EACH	\$ 400.00	6	100.0%	\$2,400	0	0.0%	\$0
1140-0650000E	DUCTILE IRON PIPE BEND, 12 INCH	EACH	\$ 900.00	7	41.2%	\$6,300	10	58.8%	\$9,000
In bid schedule included as quantity under 1140-0650000E - 12 Inch	INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE BEND	EACH	\$ 500.00	0	0.0%	\$0	6	100.0%	\$3,000
Phantom Item	DUCTILE IRON PIPE BEND, 8 INCH IN STOCKPILE (Part of Betterment to 12 Inch)	EACH	\$ 500.00	7	100.0%	\$3,500	0	0.0%	\$0
Procurement	DUCTILE IRON PIPE BEND, 12 INCH IN STOCKPILE	EACH	\$ 550.00	0	0.0%	\$0	3	100.0%	\$1,650
In procurement included as quantity under 12 Inch	INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE BEND IN STOCKPILE	EACH	\$ 50.00	0	0.0%	\$0	7	100.0%	\$350
929 Item	INSTALL DUCTILE IRON PIPE BEND, 12 INCH	EACH	\$ 50.00	0	0.0%	\$0	3	100.0%	\$150
In bid schedule included as quantity under install 12 Inch	INSTALL INCREASE FROM 8 INCH TO 12 INCH DUCTILE IRON PIPE BEND	FOOT	\$ -	0	0.0%	\$0	7	100.0%	\$0
1140-0670000E	DUCTILE IRON PIPE REDUCER, 6 X 4 INCH	EACH	\$ 350.00	2	33.3%	\$700	4	66.7%	\$1,400
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 4 INCH	EACH	\$ 450.00	0	0.0%	\$0	1	100.0%	\$450
1140-0670000E	DUCTILE IRON PIPE REDUCER, 8 X 8 INCH	EACH	\$ 450.00	2	66.7%	\$900	1	33.3%	\$450
1140-0670000E	DUCTILE IRON PIPE REDUCER, 12 X 24 INCH	EACH	\$ 1,500.00	0	0.0%	\$0	2	100.0%	\$3,000
1150-0100000E	2 INCH GATE VALVE	EACH	\$ 500.00	0	0.0%	\$0	1	100.0%	\$500
Procurement	4 INCH GATE VALVE IN STOCKPILE	EACH	\$ 1,125.00	0	0.0%	\$0	1	100.0%	\$1,125
929 Item	INSTALL 4 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	1	100.0%	\$75
1150-0100000E	6 INCH GATE VALVE	EACH	\$ 1,200.00	6	60.0%	\$7,200	4	40.0%	\$4,800
Procurement	6 INCH GATE VALVE IN STOCKPILE	EACH	\$ 1,375.00	0	0.0%	\$0	3	100.0%	\$4,125
929 Item	INSTALL 6 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	3	100.0%	\$225
1150-0100000E	8 INCH GATE VALVE	EACH	\$ 1,800.00	4	33.3%	\$7,200	8	66.7%	\$14,400
Procurement	8 INCH GATE VALVE IN STOCKPILE	EACH	\$ 2,125.00	0	0.0%	\$0	3	100.0%	\$6,375
929 Item	INSTALL 8 INCH GATE VALVE	EACH	\$ 75.00	0	0.0%	\$0	3	100.0%	\$225
1150-0100000E	6 INCH HYDRANT GATE VALVE	EACH	\$ 1,200.00	4	50.0%	\$4,800	4	50.0%	\$4,800
Procurement	6 INCH HYDRANT GATE VALVE IN STOCKPILE	EACH	\$ 1,375.00	1	20.0%	\$1,375	4	80.0%	\$5,500
929 Item	INSTALL 6 INCH HYDRANT GATE VALVE	EACH	\$ 75.00	1	20.0%	\$75	4	80.0%	\$300
Phantom Item	8 INCH BUTTERFLY VALVE (Part of Betterment to 12 Inch)	EACH	\$ 2,500.00	25	100.0%	\$62,500	0	0.0%	\$0
1150-0100000E	12 INCH BUTTERFLY VALVE	EACH	\$ 4,500.00	9	32.1%	\$40,500	19	67.9%	\$85,500
In bid schedule included as quantity under 1150-0100000E - 12 Inch	INCREASE FROM 8 INCH TO 12 INCH BUTTERFLY VALVE	EACH	\$ 2,000.00	0	0.0%	\$0	25	100.0%	\$50,000
Procurement	12 INCH BUTTERFLY VALVE IN STOCKPILE	EACH	\$ 2,812.50	0	0.0%	\$0	14	100.0%	\$39,375
In procurement included as quantity under 12 Inch	INCREASE FROM 8 INCH TO 12 INCH BUTTERFLY VALVE IN STOCKPILE	EACH	\$ 1,712.50	0	0.0%	\$0	11	100.0%	\$18,838
929 Item	INSTALL 12 INCH BUTTERFLY VALVE	EACH	\$ 300.00	0	0.0%	\$0	14	100.0%	\$4,200
In bid schedule included as quantity under install 12 Inch	INSTALL INCREASE FROM 8 INCH TO 12 INCH BUTTERFLY VALVE	FOOT	\$ 150.00	0	0.0%	\$0	11	100.0%	\$1,650
1150-0400000E	1 INCH RPBA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 1,500.00	1	100.0%	\$1,500	0	0.0%	\$0
1150-0400000E	2 INCH RPBA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 7,000.00	1	100.0%	\$7,000	0	0.0%	\$0
1150-0400000E	2 INCH DCVA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 10,000.00	3	100.0%	\$30,000	0	0.0%	\$0
1150-0400000E	4 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 35,000.00	2	100.0%	\$70,000	0	0.0%	\$0
1150-0400000E	6 INCH DCDA BACKFLOW PREVENTION ASSEMBLY	EACH	\$ 45,000.00	1	100.0%	\$45,000	0	0.0%	\$0
1150-0600000E	1 INCH COMBINATION AIR RELEASE / AIR VACUUM VALVE ASSEMBLY	EACH	\$ 1,200.00	0	0.0%	\$0	22	100.0%	\$26,400
1160-0100000E	HYDRANT ASSEMBLIES	EACH	\$ 5,000.00	5	38.5%	\$25,000	8	61.5%	\$40,000
1170-0109000F	1 INCH CU WATER SERVICE LINE	FOOT	\$ 80.00	2,626	64.8%	\$210,080	1,425	35.2%	\$114,000
Procurement	1 INCH CU WATER SERVICE LINE IN STOCKPILE	FOOT	\$ 12.00	777	51.5%	\$9,324	733	48.5%	\$8,796

Table D4: Category 2 Percentages that apply to Category 3 Cost Share Agreement

Project Description: Outer Powell Safety Corridor Improvements		Client: ODOT				REIMBURSABLE COST			NON-REIMBURSABLE COST
Corridor Section: US26 (Powell Blvd): SE 99th Ave - East City Limits		Entered by: BEL							
Location: Portland, Oregon		Checked by:							
Description: Pre-Final Package: Contract Work Only - PWB Crew Work is Separate									
Date: 7/13/2022									
ITEM NO.	ITEM	UNIT	UNIT COST	REIMBURSABLE QUANTITY	REIMBURSABLE PERCENTAGE		NON-REIMBURSABLE QUANTITY	NON-REIMBURSABLE PERCENTAGE	
929 Item	INSTALL 1 INCH CU WATER SERVICE LINE	FOOT	\$ 40.00	777	51.5%	\$31,080	733	48.5%	\$29,320
1170-0109000F	2 INCH CU WATER SERVICE LINE	FOOT	\$ 130.00	303	74.6%	\$39,390	103	25.4%	\$13,390
Procurement	2 INCH CU WATER SERVICE LINE IN STOCKPILE	FOOT	\$ 15.00	29	46.0%	\$435	34	54.0%	\$510
929 Item	INSTALL 2 INCH CU WATER SERVICE LINE	FOOT	\$ 45.00	29	46.0%	\$1,305	34	54.0%	\$1,530
1170-0110000E	1 INCH WATER METER ASSEMBLY	EACH	\$ 1,500.00	101	65.2%	\$151,500	54	34.8%	\$81,000
1170-0110000E	2 INCH WATER METER ASSEMBLY	EACH	\$ 3,000.00	11	73.3%	\$33,000	4	26.7%	\$12,000

EXHIBIT E – Documented Ownership Interest



TBB:jfw
8/18/52

5

716

MISC. CONTRACTS and
AGREEMENTS No. 804

A G R E E M E N T

THIS AGREEMENT, made and entered into this 26th day of September, 1952, by and between the STATE OF OREGON, by and through its State Highway Commission, hereinafter called "State," and the CITY OF PORTLAND, a municipal corporation, acting by and through its city officials, hereinafter called "City;"

W I T N E S S E T H :

OFFICE COPY

RECITALS:

1. Those certain highways which have been designated as the Pacific Highway West, State Highway No. 1 W. (US 99W); the Mount Hood Highway, State Highway No. 26 (US 26); the Sunset Highway, State Highway No. 47 (US 26); and the Columbia River Highway, State Highway No. 2 (US 30), and which run into or through the City of Portland, are all state highways under the jurisdiction and control of the State Highway Commission.

2. Under the provisions of Section 100-122, O. C. L. A., the Highway Commission is authorized and directed, whenever the route of a state highway passes through the corporate limits of a city, to select and designate the street or streets over which the said highway shall be routed.

3. State and City entered into an agreement, bearing date of September 11, 1944, relative to the designation of certain streets of said City as state highways and also relating to the repair, maintenance, and jurisdiction over said streets. The said agreement was executed by City pursuant to Ordinance No. 80262 which authorized execution of two separate agreements between City and State. At a

OFFICE COPY

TEB: jfw
8/18/52

subsequent date, City and State entered into a supplementary agreement relative to the designation of certain streets of said City as state highways whereby certain streets were eliminated from the State highway system and the jurisdiction and control of the State, and certain other streets were added to the state highway system and brought within the jurisdiction and control of the State. The said supplementary agreement was entered into on August 22, 1950, and was executed by the City pursuant to Ordinance No. 92015 passed by the City Council, July 13, 1950.

4. In the exercise of the authority given it by Section 100-122, 100-123, and 100-124, O. C. L. A., State intends to change the existing streets upon which state highways are routed, and it is the opinion of State and City that the agreements of September 11, 1944, and August 22, 1950, should be still further altered and modified to conform to the proposed plan for the state highway system on the city streets. It is recognized that the purpose of this agreement is to notify and inform the City of the plans of the State and to permit full cooperation between the State and the City, and it is further recognized that the exclusive power and authority of the State to designate, alter, or change city streets as the route of the state highways is in no way affected hereby.

NOW, THEREFORE, the premises being in general as stated in the foregoing recitals, it is mutually agreed by and between the State and City as follows:

TEB: jfw
8/18/52

1. The said agreements between State and City relative to the designation of certain streets of said City as state highways bearing dates of September 11, 1944, and August 22, 1950, hereby are modified by eliminating from the state highway system and relieving the State of any obligation or responsibility for the following named streets or portions or units thereof, listed under the particular highway of which they were formerly a part:

Pacific Highway West, State Highway No. 1 W. (US 99W)

N. Interstate Avenue, from N. Tillamook Street southerly and easterly to N. Broadway.

N. Broadway, from Interstate Avenue southwesterly to the east end of the Broadway Bridge.

N.W. & S.W. Broadway, from the west end of Broadway Bridge (at Hoyt Street) southerly to Grant Street.

S.W. 6th Avenue, from S.W. Grant Street southwesterly to Sheridan Street.

S. W. Sheridan Street, from S.W. 6th Avenue easterly to Barbur Boulevard (at S.W. 4th Avenue).

S.W. Barbur Boulevard, from S.W. Sheridan Street southerly to S.W. Front Avenue.

S.W. 4th Avenue, from W. Burnside Street southwesterly to Barbur Boulevard (at Sheridan Street).

Mount Hood Highway, State Highway No. 26 (US 26)

S.W. Sheridan Street, from S.W. 4th Avenue (at Barbur Blvd.) to S.W. 3rd Avenue.

S.W. Caruthers Street, from S.W. 4th Avenue easterly to S.W. 3rd Avenue.

S.W. 3rd Avenue, from S.W. Caruthers Street southerly to S.W. Arthur Street.

S.W. Arthur Street, from S.W. 3rd Avenue easterly to S.W. Kelly Avenue (at S.W. Front Street).

EXHIBIT E – Documented Ownership Interest

TBB:jw
8/18/52

2. The said agreements between State and City relative to the designation of certain streets of said City as state highways bearing dates of September 11, 1944, and August 22, 1950, hereby are modified by adding to the state highway system the following named streets or portions or units thereof which are to be maintained from curb-to-curb, listed under the particular highway of which they hereby become a part:

Sunset Highway, State Highway No. 47 (US 26)

S.W. 18th Avenue, from S.W. Jefferson Street northerly to W. Burnside Street.

S.W. 19th Avenue, from W. Burnside southerly to S.W. 18th Avenue, (west of Morrison Street).

Pacific Highway West, State Highway No. 1 W (US 99W)

S.W. Ash Street, from S.W. Front Avenue westerly to S.W. 2nd Avenue.

S.W. & N.W. 2nd Avenue, from S.W. Ash Street northerly to N.W. Everett Street.

N.W. Couch Street, from N.W. Front Avenue westerly to N.W. 2nd Avenue.

N.W. Everett Street, from N.W. Front Avenue westerly to N.W. 2nd Avenue.

N.W. 3rd Avenue, from W. Burnside Street northerly to N.W. Glisan Street.

Columbia River Highway, State Highway No. 2 (US 30)

N.W. 18th Avenue, from W. Burnside Street northerly to N.W. Vaughn Street.

N.W. Vaughn Street, from W. W. 18th Avenue westerly to N.W. 19th Avenue.

3. Except as modified or altered herein, or except where inconsistent with the provisions of this alteration or modification, the

TEB:jfw
8/18/52

PROVISIONS OF SAID ORIGINAL AND SUPPLEMENTAL AGREEMENTS SHALL REMAIN in full force and effect to the same extent as if fully and completely set forth herein.

4. There is attached hereto, marked "Exhibit A", and by this reference made a part hereof, a map on which is shown, colored solidly in red, streets or portions or units thereof presently a part of the state highway system and are retained as a part of the state highway system and affected or changed in no way by this agreement, and there is shown, colored in blocks of red, the streets or portions or units thereof formerly a part of the state highway system and as set forth in this agreement, eliminated from the state highway system and from the jurisdiction and control of the State, and shown also, on said "Exhibit A", colored in blue, are the streets or portions or units thereof formerly not a part of the state highway system, but which, as set forth in this agreement, are or will be added to the state highway system and brought within the jurisdiction and control of the State, under the authority of Sections 100-122, 100-123, and 100-124, O. C. L. A.

IN WITNESS WHEREOF, the parties hereto have subscribed their names and affixed their seals the day and year first above written, the City Officials acting under Ordinance No. 97092 passed by its Council on the 16th day of September, 1952.

EXHIBIT E – Documented Ownership Interest

TBB:jfw
8/18/52

ATTEST:

STATE OF OREGON, by and through its
State Highway Commission

[Signature]
Secretary

By *[Signature]*
Chairman

APPROVED:

[Signature]
Assistant State Highway Engineer

By *[Signature]*
Commissioner

APPROVED AS TO FORM:

[Signature]
Chief Counsel

By *[Signature]*
Commissioner

S T A T E

APPROVED AS TO FORM:

CITY OF PORTLAND, a Municipal Corporation

[Signature]
City Attorney

By *[Signature]*
Mayor

By *[Signature]*
Commissioner of Public Works

C I T Y

TBB:jfw
8/18/52

EXHIBIT E – Documented Ownership Interest

AUG. 29-75-125
4-22-24

OFFICE OF
AUDITOR OF THE CITY OF PORTLAND
PORTLAND 4, OREGON

ROOM 202
CITY HALL

COPY CERTIFICATE

STATE OF OREGON,
County of Multnomah,
CITY OF PORTLAND,

} ss

I; WILL GIBSON, Auditor of the City of Portland, do hereby certify that I have compared the following copy of Ordinance No. 97092, passed by the Council September 16, 1952, being "An Ordinance authorizing the execution of an agreement with the State Highway Commission modifying and altering prior agreements executed pursuant to Ordinance No. 80262 and Ordinance No. 92015 as they relate to designation of routes through the city of Pacific Highway West (U.S. 99W), Mt. Hood Highway and Sunset Highway (U.S. 26) and the Columbia River Highway (U.S. 30) and declaring an emergency.

with the original thereof, and that the same is a full, true and correct transcript of such original

Ordinance No. 97092

and of the whole thereof as the same appears on file and of record in my office, and in my care and custody.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the City of Portland afixed this 25th day of September, 1952.

Will Gibson.
Auditor of the City of Portland
By *Leita L. Leay* Deputy

ORDINANCE NO. 97092

An Ordinance authorizing the execution of an agreement with the State Highway Commission modifying and altering prior agreements executed pursuant to Ordinance No. 80262 and Ordinance No. 92015 as they relate to designation of routes through the city of Pacific Highway West (U.S. 99W), Mt. Hood Highway and Sunset Highway (U.S. 26) and the Columbia River Highway (U.S. 30) and declaring an emergency.

The City of Portland does ordain as follows:

Section 1. The Council finds that the City of Portland, pursuant to authority of Ordinance No. 80262, passed by the Council August 31, 1944, entered into two separate agreements with the State of Oregon, acting through its State Highway Commission, one of which agreements (Exhibit "B" of said ordinance) provided among other things for the routing of certain state and federal highways through the city; that said agreement relating to such routing was modified and altered by subsequent agreement entered into by state and city, the city acting pursuant to Ordinance No. 92015, passed by the Council July 13, 1950; that the State Highway Commission now finds it necessary to make further changes in such routing and has requested the city to enter into an agreement modifying and altering said prior agreements so as to effect such necessary changes; now, therefore, the Mayor and Commissioner of public Works hereby are authorized on behalf of the City to enter into and execute an agreement in triplicate with the State of Oregon, acting through its State Highway Commission, modifying and altering said prior agreements substantially in accordance with the form attached hereto and marked Exhibit "X" and by this reference made a part hereof, the map incorporated in said agreement by reference as Exhibit "A" to be attached only to the triplicate originals of said agreement as prepared for execution by the parties.]

Section 2. Inasmuch as this ordinance is necessary for the immediate preservation of the public health, peace and safety of the City of Portland in this: That there be no unnecessary delay in proper designation of state and federal highway routes through the city so as to further

EXHIBIT E – Documented Ownership Interest

facilitation and control of traffic; therefore, an emergency hereby is declared to exist and this ordinance shall be in force and effect from and after its passage by the Council.

Passed by the Council SEP 16 1952

Dorothy McCullough Lee
Mayor of the City of Portland

Attest

Will Gibson
Auditor of the City of Portland

Commissioner Bowes
8/12/52
HFA:gm

Exhibit "X"

A G R E E M E N T

THIS AGREEMENT, made and entered into this ____ day of _____, 1952, by and between the STATE OF OREGON, by and through its State Highway Commission, hereinafter called "State," and the CITY OF PORTLAND, a municipal corporation, acting by and through its city officials, hereinafter called "City":

W I T N E S S E T H:

RECITALS:

1. Those certain highways which have been designated as the Pacific Highway West, State Highway No. 1W, (US 99 W); the Mount Hood Highway, State Highway No. 26 (US 26); the Sunset Highway, State Highway No. 47 (US 26); and the Columbia River Highway, State Highway No. 2 (US 30), and which run into or through the City of Portland, are all state highways under the jurisdiction and control of the State Highway Commission.

2. Under the provisions of Section 100-122, O.C.L.A., the Highway Commission is authorized and directed, whenever the route of a state highway passes through the corporate limits of a city, to select and designate the street or streets over which the said highway shall be routed.

3. State and City entered into an agreement, bearing date of September 11, 1944, relative to the designation of certain streets of said City as state highways and also relating to the repair, maintenance, and jurisdiction over said streets. The said agreement was executed by City pursuant to Ordinance No. 80262 which authorized execution of two separate agreements between City and State. At a subsequent date, City and State entered into a supplementary agreement relative to the designation of certain streets of said City as state highways whereby certain streets were eliminated from the state highway system and the jurisdiction and control of the State, and certain other streets were added to the state highway system and brought within the jurisdiction and control of the State. The said supplementary agreement was entered into on August 22, 1950, and was executed by the City pursuant to Ordinance No. 92015, passed by the City Council July 13, 1950.

4. In the exercise of the authority given it by Section 100-122, 100-123, and 100-124, O.C.L.A., State intends to change the existing streets upon which state highways are routed, and it is the opinion of the State and City that the agreements of September 11, 1944, and August 22, 1950, should be still

further altered and modified to conform to the proposed plan for the state highway system on the city streets. It is recognized that the purpose of this agreement is to notify and inform the City of the plans of the State and to permit full cooperation between the State and the City, and it is further recognized that the exclusive power and authority of the State to designate, alter, or change city streets as the route of the state highways is in no way affected hereby.

NOW, THEREFORE, the premises being in general as stated in the foregoing recitals, it is mutually agreed by and between the State and City as follows:

1. The said agreements between State and City relative to the designation of certain streets of said City as state highways bearing dates of September 11, 1944 and August 22, 1950, hereby are modified by eliminating from the state highway system and relieving the State of any obligation or responsibility for the following named streets or portions or units thereof, listed under the particular highway of which they were formerly a part:

Pacific Highway West, State Highway No. 1 W (US 99W)

N. Interstate Avenue, from N. Tillamook Street southerly and easterly to N. Broadway.

N. Broadway, from Interstate Avenue southwesterly to the east end of the Broadway Bridge.

N.W. & S.W. Broadway, from the west end of Broadway Bridge (at Hoyt Street) southerly to Grant Street.

S.W. 6th Avenue, from S.W. Grant Street southwesterly to Sheridan Street.

S.W. Sheridan Street, from S.W. 6th Avenue easterly to Barbur Boulevard (at S.W. 4th Avenue).

S.W. Barbur Boulevard, from S.W. Sheridan Street southerly to S.W. Front Avenue.

S.W. 4th Avenue, from W. Burnside Street southwesterly to Barbur Boulevard (at Sheridan Street).

Mount Hood Highway, State Highway No. 26 (US 26)

S.W. Sheridan Street, from S.W. 4th Avenue (at Barbur Blvd.) to S.W. 3rd Avenue.

S.E. Caruthers Street, from S.W. 4th Avenue easterly to S.W. 3rd Avenue.

S.W. 3rd Avenue, from S.W. Caruthers Street southerly to S.W. Arthur Street.

S.W. Arthur Street, from S.W. 3rd Avenue easterly to S.W. Kelly Avenue (at S.W. Front Avenue.)

2. The said agreements between State and City relative to the designation of certain streets of said City as state highways bearing dates of September 11, 1944 and August 22, 1950, hereby are modified by adding to the state highway system the following named streets or portions or units thereof which are to be maintained from curb to curb, listed under the particular highway of which they hereby become a part:

Sunset Highway, State Highway No. 47 (US 26)

S.W. 18th Avenue, from S.W. Jefferson Street northeasterly to W. Burnside Street.

S.W. 19th Avenue, from W. Burnside Street southerly to S.W. 18th Avenue, (west of Morrison Street).

Pacific Highway West, State Highway No. 1 W (US 99W)

S.W. Ash Street, from S.W. Front Avenue westerly to S.W. 2nd Avenue.

S.W. and N.W. 2nd Avenue, from S.W. Ash Street northerly to N.W. Everett Street.

N.W. Couch Street, from N.W. Front Avenue westerly to N.W. 2nd Avenue.

N.W. Everett Street, from N.W. Front Avenue westerly to N.W. 2nd Avenue.

N.W. 3rd Avenue, from W. Burnside Street northerly to N.W. Gillis Street.

Columbia River Highway, State Highway No. 2 (US 30)

N.W. 18th Avenue, from W. Burnside Street northerly to N.W. Vaughn Street.

N.W. Vaughn Street, from N.W. 18th Avenue westerly to N.W. 19th Avenue.

3. Except as modified or altered herein, or except where inconsistent with the provisions of this alteration or modification, the provisions of said original and supplemental agreements shall remain in full force and effect to the same extent as if fully and completely set forth herein.

4. There is attached hereto, marked Exhibit "A", and by this reference made a part hereof, a map on which is shown, colored solidly in red, streets or portions or units thereof presently a part of the state highway system and are retained as a part of the state highway system and affected or changed in no way by this agreement, and there is shown, colored in blocks of red, the streets or portions or units thereof formerly a part of the state highway system and as set forth in this agreement, eliminated from the state highway system and from the jurisdiction and control of the State, and shown also, on said exhibit "A", colored in blue are the streets or portions or units thereof formerly not a part of the state highway system, but which, as set forth in this agreement, are or will be added to the state highway system and brought within the jurisdiction and control of the State, under the authority of Sections 100-122, 100-123, and 100-124, O.C.L.A.

IN WITNESS WHEREOF, the parties hereto have subscribed their names and affixed their seals the day and year first above written, the City officials acting under Ordinance No. _____, passed by its Council on the ____ day of _____, 1952.

ATTEST:

Secretary

APPROVED:

Ass't. State Highway Engineer

APPROVED AS TO FORM:

Chief Counsel

APPROVED AS TO FORM

City Attorney

STATE OF OREGON, by and through
its State Highway Commission

By *Burt K. Laidler*
Chairman

By *Charles Reynolds*
Commissioner

By *Wm. H. Lee*
Commissioner

State

CITY OF PORTLAND

By _____
Mayor

By *Wm. A. Bussell*
Commissioner of Public Works

City

8/12/52

EXHIBIT E – Documented Ownership Interest

