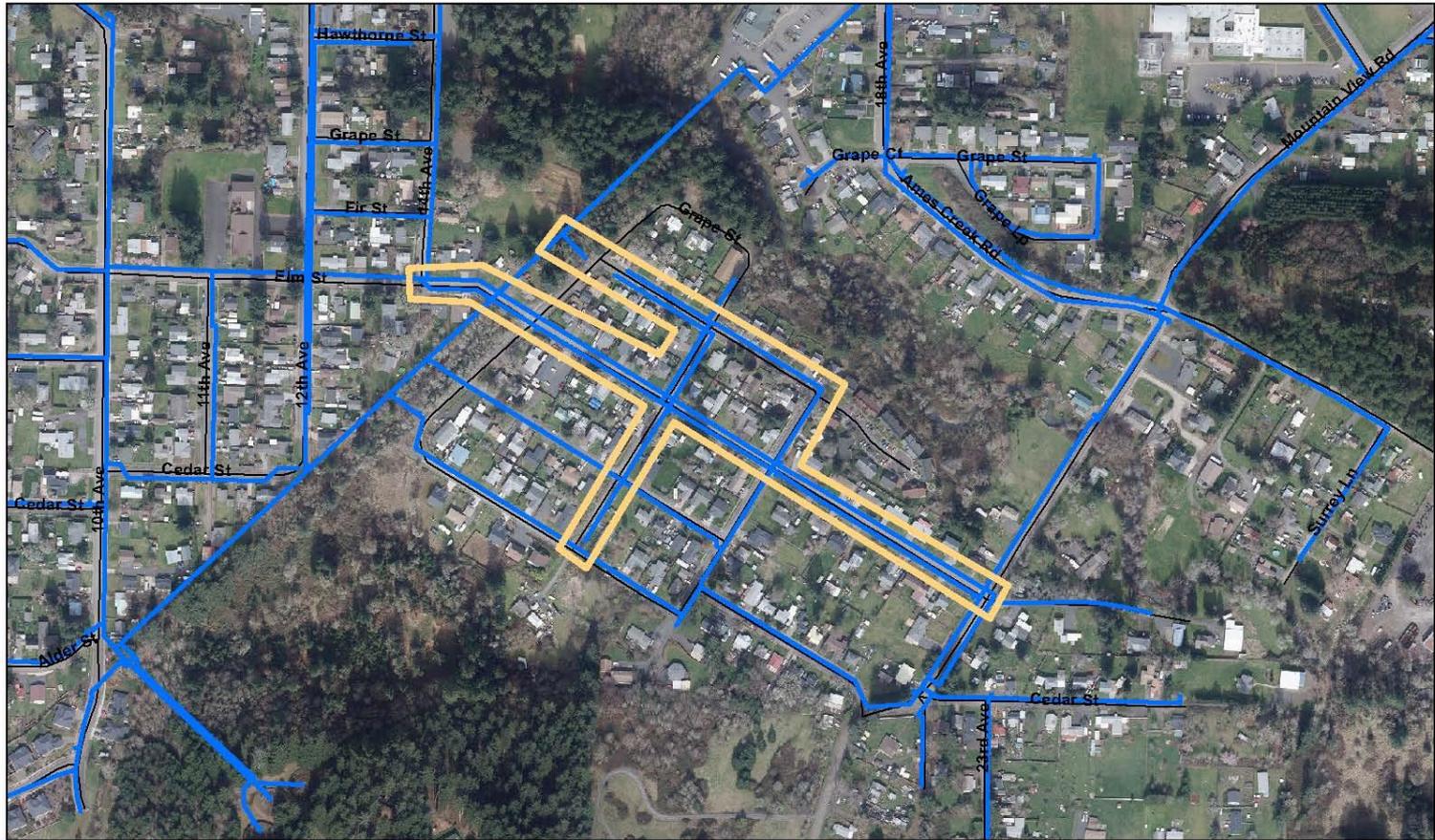


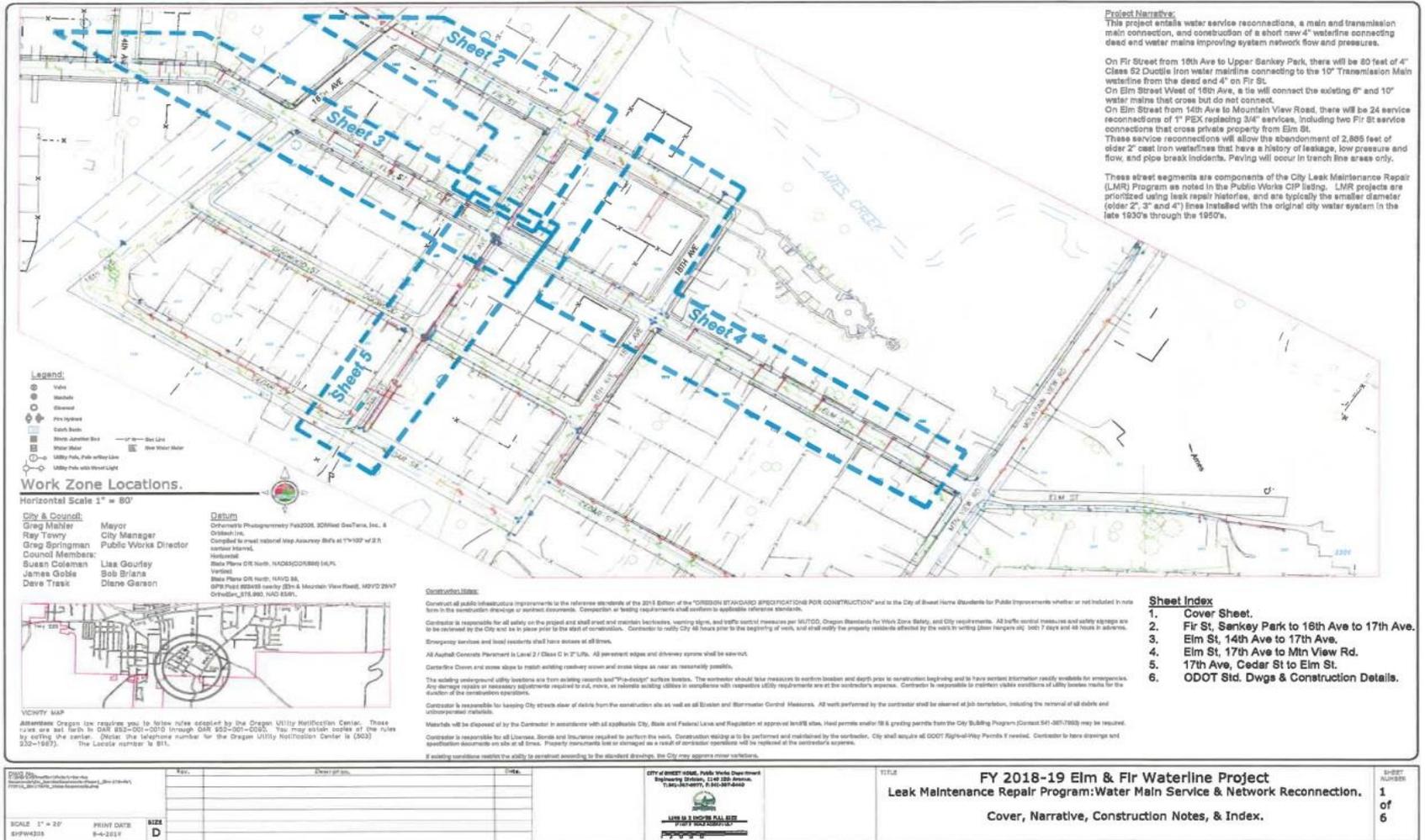


# City of Sweet Home Elm Street Water Service Reconnection Project

Greg Springman  
Public Works Director, City of Sweet Home



# Elm St Water Service Reconnection Project Area Map



**Project Narrative:**  
 This project entails water service reconnections, a main and transmission main connection, and construction of a short new 4" waterline connecting dead and water mains improving system network flow and pressures.

On Fir Street from 18th Ave to Upper Sankey Park, there will be 80 feet of 4" Class 52 Ductile Iron water mainline connecting to the 10" Transmission Main waterline from the dead end 4" on Fir St.  
 On Elm Street West of 16th Ave, a tie will connect the existing 6" and 10" water mains that cross but do not connect.  
 On Elm Street from 14th Ave to Mountain View Road, there will be 24 service reconnections of 1" PEX replacing 3/4" services. Including two Fir St service connections that cross private property from Elm St.  
 These service reconnections will allow the abandonment of 2,895 feet of older 2" cast iron waterlines that have a history of leakage, low pressure and flow, and pipe break incidents. Paving will occur in trench line areas only.

These street segments are components of the City Leak Maintenance Repair (LMR) Program as noted in the Public Works CIP listing. LMR projects are prioritized using leak repair histories, and are typically the smaller diameter (older 2", 3" and 4") lines installed with the original city water system in the late 1930's through the 1950's.

- Legend:**
- Valve
  - Manhole
  - Cleanout
  - Fire Hydrant
  - Catch Basin
  - Storm Sanitary Box
  - Water Meter
  - Utility Main with Offset Line
  - Utility Main with Street Light
  - Sewer Line
  - Storm Water Main

**Work Zone Locations.**  
 Horizontal Scale 1" = 80'

**City & Council:**  
 Mayor Greg Mahler  
 City Manager Ray Tovey  
 Public Works Director Greg Springman  
**Council Members:**  
 Susan Coleman  
 James Gobbe  
 Bob Brians  
 Diane Garson  
 Dave Trask

**Datum:**  
 Ordnance Photogrammetry P62206, SOHAR GeoTerra, Inc. & Orland Inc.  
 Complied to most national Map Accuracy Bifs at 1"=100' w/ 2.11 variance allowed.  
 Horizontal: State Plane OR North, NAD83/USNGS (SPLN) (SPLN)  
 Vertical: State Plane OR North, NAVD 83, GPM Point 820833 marker (254 & Mountain View Road), MVD 2547  
 OrthoID: 371.990, NAD 83(N)

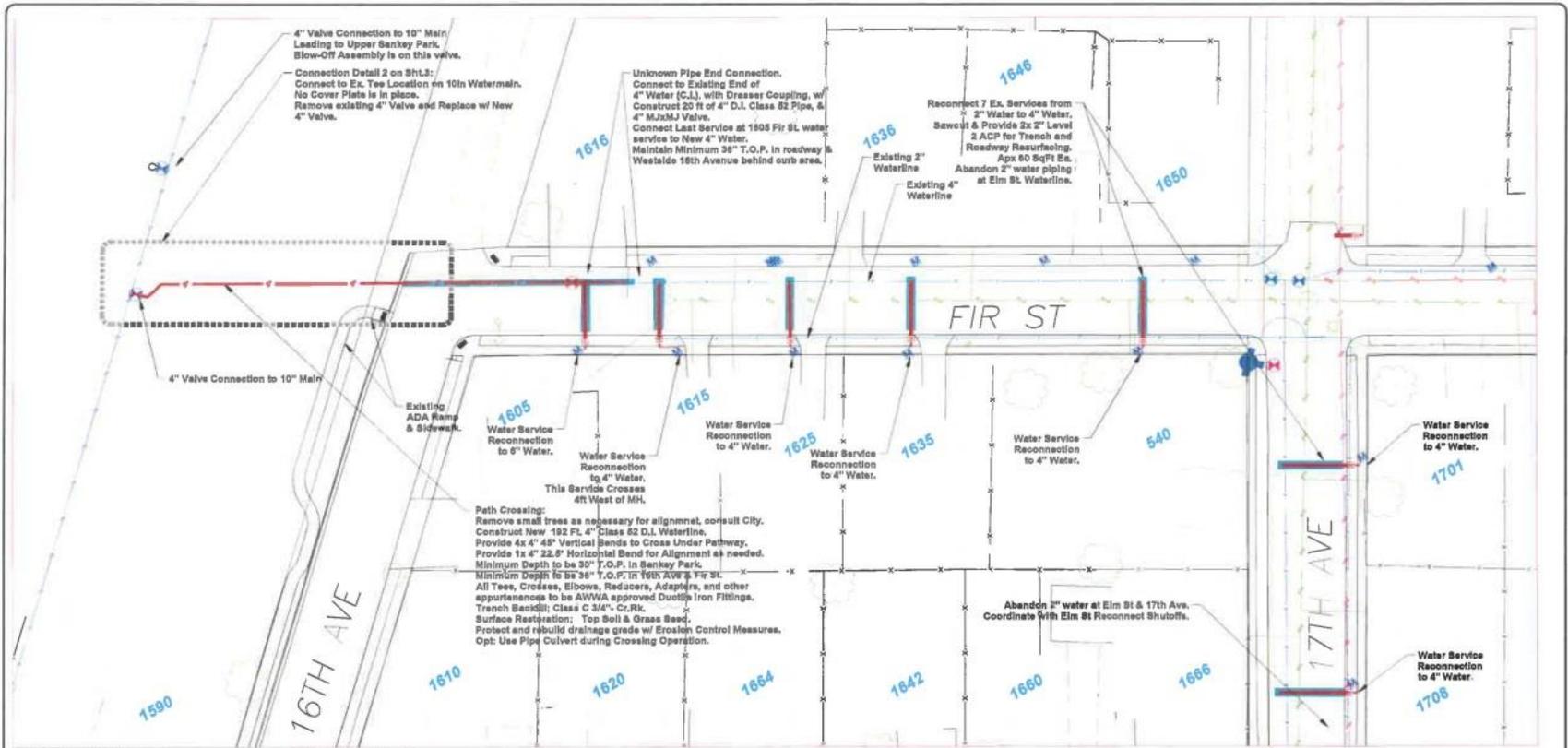


**VICINITY MAP:**  
 Approve Oregon law requires you to adhere rules established by the Oregon Utility Notification Center. Those rules are set forth in OAR 852-001-0010 through OAR 852-001-0050. You may obtain copies of the rules by writing the center. (Once the telephone number for the Oregon Utility Notification Center is (503) 252-1587). The Locust number is 811.

**Construction Notes:**  
 Construct all public infrastructure improvements to the reference standards of the 2015 Edition of the "ORIGON STANDARD SPECIFICATIONS FOR CONSTRUCTION" and to the City of Beaverton Standards for Public Improvements whether or not included in notes here in the construction drawings or contract documents. Construction or testing requirements shall conform to applicable reference standards.  
 Contractor is responsible for all safety on the project and shall erect and maintain barricades, warning signs, and traffic control measures per MUTCD, Oregon Standards for Work Zone Safety, and City requirements. All buffer control measures and safety signage are to be reviewed by the City and to be placed prior to the start of construction. Contractor to notify City 48 hours prior to the beginning of work, and shall notify the property residents affected by the work by writing door hangers out, both 7 days and 48 hours in advance. Emergency services and local residents shall have access at all times.  
 All Asphalt Concrete Placement is Level 2 / Class C to 2" L/S. All pavement edges and driveway aprons shall be sawcut.  
 Cantefire Down and some slope to match existing roadway crown and cross slope as near as reasonably possible.  
 The existing underground utility locations are from existing records and "Pin-Pointing" surface locates. The contractor should take measures to confirm location and depth prior to construction beginning and to have accurate information readily available for emergencies. Any damage repairs or necessary adjustments required to cut, move, or relocate existing utilities in compliance with respective utility requirements are at the contractor's expense. Contractor is responsible to maintain visible conditions of utility losses until the function of the construction operations.  
 Contractor is responsible for keeping City streets clear of debris from the construction site as well as all erosion and stormwater control measures. All work performed by the contractor shall be observed at job completion, including the removal of all debris and other materials.  
 Materials will be shipped off by the Contractor in accordance with all applicable City, State and Federal Laws and Regulation at approved in-lot sites. Heat permits under 50' of galling permits from the City Building Program (Contract 541-285-7955) may be required.  
 Contractor is responsible for all Erosion, Silt and Insurances required to perform the work. Construction shoring to be performed and maintained by the contractor. City shall acquire all ODOT Right-of-Way Permits if needed. Contractor to have drainage and specification documents on site at all times. Property instruments lost or damaged as a result of contractor operations are at the contractor's expense.  
 If existing conditions restrict the ability to construct according to the standard drawings, the City may approve minor variations.

- Sheet Index**
1. Cover Sheet.
  2. Fir St, Sankey Park to 16th Ave to 17th Ave.
  3. Elm St, 14th Ave to 17th Ave.
  4. Elm St, 17th Ave to Mtn View Rd.
  5. 17th Ave, Cedar St to Elm St.
  6. ODOT Sid. Dwgs & Construction Details.

PWS 03 Approved Oregon law requires you to adhere rules established by the Oregon Utility Notification Center. Those rules are set forth in OAR 852-001-0010 through OAR 852-001-0050. You may obtain copies of the rules by writing the center. (Once the telephone number for the Oregon Utility Notification Center is (503) 252-1587). The Locust number is 811. SCALE 1" = 20' PRINT DATE 8-4-2019 SIZE D	Rev. _____ Drawn by _____ Date _____	CITY OF BEAVERTON Engineering Division, 1140 230 Avenue, Tigard, Oregon 97136 503-325-3100 www.beaverton.gov	TITLE <b>FY 2018-19 Elm &amp; Fir Waterline Project</b> <b>Leak Maintenance Repair Program: Water Main Service &amp; Network Reconnection.</b> Cover, Narrative, Construction Notes, & Index.	SHEET NUMBER <b>1</b> of <b>6</b>



**Fir St & 17th Ave Reconnections, Waterline Tie-In.**

Horizontal Scale 1" = 20'

<p>Drawn By: [Blank]          Checked By: [Blank]          Project No: [Blank]</p>	<table border="1"> <thead> <tr> <th>Rev.</th> <th>Description</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Rev.	Description	Date										<p>CITY OF BOSTON, Public Works Department          Engineering Division, 1100 State Avenue,          100-847-6677, 100-847-6688</p> 	<p>TITLE: <b>FY 2018-19 Elm &amp; Fir Waterline Project</b>          Leak Maintenance Repair Program: Water Main Service &amp; Network Reconnection.</p>	<p>SHEET NUMBER 2</p>
Rev.	Description	Date														
<p>SCALE: 1" = 20'          SHEET NO: BHPW4308</p>	<p>PRINT DATE: 6-4-2018          SIZE: D</p>		<p>Fir Street &amp; 17th Avenue: Water Construction Details &amp; Paving Limits,          Meter Service Reconnections and Water Main Construction of 4" Waterline.</p>	<p>of 6</p>												





# Questions ?

