

TUMWATER PUBLIC WORKS COMMITTEE

MINUTES OF MEETING

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CONVENE: 8:01 a.m.

PRESENT: Chair Eileen Swarthout and Councilmembers Michael Althaus and Charles Schneider.

Staff: Assistant City Administrator Heidi Behrends Cerniwey, Public Works Director Jay Eaton, City Engineer Brandon Hicks, Transportation Manager Mary Heather Ames, Water Resources Program Manager Dan Smith, Administrative Assistant Cathy Nielsen, and Recording Secretary Valerie Gow.

ACTION:

SELECTION OF A COMMITTEE CHAIR: Director Eaton invited nominations for Chair of the Public Works Committee.

Councilmember Althaus nominated Councilmember Swarthout to serve as Chair. Councilmember Schneider seconded the nomination.

VOTE: **By unanimous affirmation, Councilmember Swarthout was elected to serve as Chair.**

INTERLOCAL AGREEMENT (ILA) FOR SANITARY SEWER EMERGENCY RESPONSE MUTUAL AID:

Manager Smith briefed members on the proposed agreement, which is an authorizing agreement enabling the City to share equipment and resources with the cities of Lacey, Olympia, and LOTT Clean Water Alliance. Response by the City is voluntary. The agreement is essentially the same as the previous agreement and includes a cost basis reimbursement to the City by the requesting agency. The agreement covers major disruptions in service caused by natural disasters or other unusual events and includes a data sharing component for digital data of maps and response plans.

Councilmember Althaus asked whether Mayor Kmet, as a member of the LOTT Clean Water Alliance Board, reviewed and approved the proposed agreement for LOTT. Manager Smith advised that the Board approved the agreement.

CONSENSUS: **The Public Works committee recommended the City Council approve and authorize the Mayor to execute the Interlocal Agreement for Sanitary Sewer Emergency Response Mutual Aid in substantially the same form as presented.**

2019 CHIP SEAL – ACCEPTANCE OF WORK:

City Engineer Hicks reported the 2019 Chip Seal project was funded by the Transportation Benefit District (TBD) and included resurfacing, crack seal, pavement repair, shoulder maintenance, safety improvements, approximately one mile of new bike lanes, and 3/4 mile of new widened roadway shoulder to serve as rural walking or

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biking space. As part of the project, 10 miles of chip seal was added to Thurston County's chip seal program to take advantage of the county's lower unit cost. The City's Chip Seal project this year improved 28 lane miles in the City or 11% of the City's road network. The 2017 pavement maintenance project completed 3% of the City's road network, and, at that time, was the City's largest pavement project.

City Engineer Hicks displayed "before" and "after" photographs of different project sites.

The City awarded the project contract to Doolittle Construction LLC of Bellevue, in the amount of \$927,020. The final contract totaled \$961,476.11. The final cost exceeded the bid price because of added work, including an increase in road preparation efforts and the addition of reflective pavement markers throughout the City for safety and maintenance purposes. The portion of the work added to the county's program was under budget, resulting in a total overrun of \$4,400 for the entire program for the year.

Staff requests the committee recommend the City Council accept the 2019 Chip Seal project as complete, and authorize the release of the performance bond as soon as the laws of the state of Washington allow.

CONSENSUS:

The Public Works Committee recommended the City Council accept the 2019 Chip Seal project as complete, and authorize the release of the performance bond as soon as the laws of the state of Washington allow.

DISCUSS:

2020 PROJECTS DISCUSSION:

City Engineer Hicks briefed the committee on proposed projects for completion in 2020. The categories of projects include five general fund projects, three water projects, four sewer projects, five stormwater projects, and eight transportation projects.

General Fund Projects:

- **Deschutes Valley Trail A1 Segment from Tumwater Historical Park to Brewery Park at Tumwater Falls** – Staff anticipates opening bids on the project in March after resolving delays to secure right-of-ways, with construction occurring during the summer. The project will impact the Brewery Park, with the City implementing mitigation measures to reduce impacts. Councilmember Althausen inquired about the process for connecting to the future trail along Tumwater Valley Drive. Director Eaton explained the

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existing road (Tumwater Valley Drive) will be widened to transition to a parking lot. Another future trail segment is located on the river side of the parking lot. City Engineer Hicks added that the two trail segments would not connect at this time; the City will complete a future project of the A2 trail segment that will link to the segment along the river. That trail segment will be expensive, as some construction will be necessary in the floodplain because part of the trail segment is under the bridge. The City anticipates funding the segment later using some state funds. The A1 trail segment is included in the General Government Capital Facilities Plan and is not funded by the Metropolitan Park District.

- **Deschutes Valley Trail Brewery Park at Tumwater Falls to Pioneer Park** – The project is for design of the trail segment only.
- **Crosby Boulevard Connection to Existing Trail Segment On Tumwater Hill** – Because of the grade of the hill, the segment will not be ADA accessible. It will consist of a woodchip path to enable most people to access the existing trail network on Tumwater Hill.
- **Restrooms at Tumwater Hill Park**
- **Restrooms at Barclift Park**
- **City Hall Parking Expansion** – The project will increase parking by another 50 spaces. The expansion will utilize an existing grass area.

Water Fund:

- **Custer Way Storm Improvements** – Staff anticipates beginning the project in February. The project will create major traffic impacts and noise during construction activities. Some work will be scheduled during the day to avoid noise impacts at night. Specific detour plans are included in the project plans to afford access to affected businesses or residents. The project is expected to be completed by May.
- **Brewery Wellfield** – The project is design of new infrastructure and abandonment of existing infrastructure. The project is included in an interlocal agreement with Lacey and Olympia. Tumwater is spearheading the project because of water needs.
- **Southeast Reservoir** – The project adds a new reservoir south of 93rd Avenue in the City's urban growth area. The project includes improvements necessary to tie the system to the City's system. The Preserve subdivision is served from the north area.

Sewer Projects:

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- **Sewer Rehabilitation Program** – The project focus is on Tumwater Hill within the older neighborhoods. Staff has completed 60% design for the project, with construction estimated this year or early next year as part of the first phase of the rehabilitation program. The project will entail lining existing pipe to increase operational integrity.
- **Lift Stations on Lloyd Street near Sapp Road, Suncrest Lift Station off Linwood Avenue, and North Street** – The projects are either for capacity or emergency back-up power.

Storm Fund Projects:

- **Tumwater Valley Regional Storm Facility** – The project focus is on detention treatment and improvements to existing outfalls and addition of walking path around the storm facility.
- **Custer Way Water and Storm**
- **Percival creek fish passage enhancements** – This speculative project is dependent upon award of grant funds for design and replacement of an existing culvert. The location of the culvert is off Sapp Road.
- **Emerson Street Storm Improvements** – Replacement of failing infrastructure
- **Evaluation of Beehive Industrial Area**

Transportation Projects;

- **Capitol Boulevard/Trosper Road Intersection Reconfiguration Project** – Current phase is right-of-way acquisition, with construction scheduled to begin in 2021 for a period of several years.
- **Design Completion of Major Infrastructure Improvements Envisioned within the Capitol Boulevard Corridor Plan** – The City received a \$1.6 million grant for design work for the designated projects of three roundabouts on Capitol Boulevard, neighborhood traffic calming on adjacent streets, and a new north-south connector road. Staff anticipates releasing a bid for the design consultant next month to complete project designs and to position the City competitively for grant funds for the construction phases.
- **City-Wide National Highway System Resurfacing Project** – The City received a \$2.4 million federal grant and \$350,000 in federal Surface Transportation Program (STP) funds. The project is a TBD project with a TBD match, for a total project cost of \$3-4 million. The project will substantially improve a large portion of the City's main arterials. Roads to be improved are required to be part of the National Highway System. The project area encompasses approximately nine linear road miles and includes curb, ramp upgrades, signal

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improvements, pedestrian improvements, and other roadway improvements. Grant is focused on pavement preservation with no capacity or traffic improvements. Councilmember Althaus expressed interest in receiving information on the total amount of grants the City has been able to leverage because of the TBD. City Engineer Hicks pointed to the TBD Annual Report as a source of that type of information. This year, the City has been able to leverage \$3.4 million in grants.

- **Old Highway 99 Corridor Study** – The project is funded by a federal STP grant. The City has selected the project consultant and is negotiating the scope of the study. The project is a multi-year study to assess all modes of future transportation needs along the corridor. The area has many environmental constraints. The goal is to narrow the scope of future projects to develop a budget and to pursue grants, as well as attempt to limit impacts along the highway.
- **Linderson Way and Israel Road Bike and Pedestrian Improvement Project** – The TBD is providing the project match using leveraged funds. The amount of the match equals the cost to improve a section that was already planned as a project, using \$400,000 in grant funds. It will include signal improvements, rapid flashing beacon crossing on Israel Road near New Market, and improvements to the crossing in front of Tumwater High School.

City staff is planning to work on design, planning, or construction of 25 projects this year. The committee will receive periodic updates on each project as it moves through the planning and design process.

Chair Swarthout asked that staff share the project list with the full Council.

**COMMITTEE
MEETING
SCHEDULE:**

The committee agreed to retain the regular meeting date as the Thursday following each regular Council meeting, at 8 a.m.

**INCLEMENT
WEATHER
RESPONSE UPDATE:**

Director Eaton briefed the committee on the City's capability to respond to winter events. The City currently does not have the resources for Citywide snow removal or ice control. Because inclement weather is infrequent, necessary snow and ice equipment is too expensive to purchase that would handle the entire City. At this time, City response efforts are to the best extent possible in a sensible fashion by prioritizing roadways. Lifeline roads are those roads that connect to schools, emergency services, and other necessary services. During inclement weather events, staff assumes a 24-operation with different shifts. Lifeline and priority roadways are the primary focus. When cleared, staff moves to other roadways but avoids

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neighborhoods because of the difficulty of removing snow, especially during a significant snow event. Snow removal in residential areas also creates blocked driveways with plowed snow. Some areas fall under special consideration for various reasons. Last year, the City posted a snowplow map on the website identifying roads that were cleared or treated for ice. During last year's significant snow event, the City did not receive many calls. The City was very effective in releasing communications about the City's response and to update the snowplow map. Lifeline and priority roads are identified on the website.

Director Eaton addressed questions from the committee. A typical call for assistance is from a resident with scheduled medical procedures, such as a dialysis patient who needs to reach a clinic. In those instances when staff is aware of the situation and has the ability, the plow can be arranged to clear snow past the driveway to enable easier access for the citizen. Staff has used sand on cleared roadways but has refrained from using sand recently because of the need to remove sand later. Sand is also a limited application, such as at intersections that have iced over and traction has become an issue. Most treatments include the application of an anti-icer or a salt brine solution. The product is effective but does have some limitations when snow events include rain, because rain washes away the product. The salt brine solution also provides a layer to assist in breaking the snow and ice bond

Councilmember Althausler asked for notification of the committee in the event staff employs a 24-hour operation to enable committee members to communicate with the Council and citizens about the City's response.

ADJOURNMENT: **With there being no further business, Chair Swarthout adjourned the meeting at 9:01 a.m.**