

Public Works Department Projects

January 31, 2012

TRANSPORTATION SYSTEM PROJECTS

- 1. OR62: Owens Drive/Coker Butte Street Improvements (Medford)** – The contractor has completed all phases of construction and all phases are open to traffic. Extra work items and final inspection remain.
- 2. Highway 62 By-Pass (ODOT)** - Public Works continues to coordinate with ODOT to review design details (particularly Lone Pine Creek flood flows and access to the airport sewer pump station) and determine transfer of right-of-way jurisdiction parameters.
- 3. Holly Street Extension** – Public Works is currently performing right-of-way acquisition and coordinating with utilities. Wetland permits are delayed by federal concerns about potential endangered species in Crooked Creek. The start of construction will be postponed until 2012 at the earliest due to the delayed environmental permits. Construction cannot start until wetland permits are received.
- 4. CMAQ Alley Improvements: Between Jackson and Stevens Street** – This project will use federal funds to pave 11 alleys within the area bordered by Stevens Street, Queen Anne Avenue, Crater Lake Avenue, and Pearl Street. Construction has been postponed to address other CMAQ program project priorities for which federal funds will ‘expire’ earlier.
- 5. Garfield Street Improvements (Peach to Kings)** – Public Works is working on construction drawings, right-of-way acquisition, and utility relocation coordination for this project.
- 6. Garfield (Columbus to Peach)** - Public Works is performing engineering work on this project. Construction drawings are near complete. Right-of-way acquisitions are being completed. This project is scheduled to be constructed in 2012.
- 7. Hillcrest Road Sidewalk (east of Stanford Avenue)** – This project was previously labeled ‘Hillcrest Road Stabilization’, but the roadway stabilization work has been deferred. The contractor has completed construction. Site clean up and final inspection remain to be done.



(Above) – Preconstruction photo of the Hillcrest Sidewalk Improvement Project.



(Above) – Completed sidewalk and retaining wall within the Hillcrest Sidewalk Improvement Project.

8. Larson Creek Bridge Replacement (North Phoenix Road) – The contractor continues to construct Phase 2 of the project. Sidewalk, curb and gutter, and street lighting are being constructed on the east side of the project. Final paving will be placed when weather conditions permit. This project removed the box culvert at Larson Creek and North Phoenix Road and replaced it with a 36 foot long, single-span bridge.

9. School Sidewalk Projects: Springbrook Road (Delta Waters to Cedar Links) - A consultant contract has been awarded to analyze potential intersection alternatives. Abutting property owners have been contacted to discuss alternatives. A Transportation Facility application will be completed and submitted to the Planning Department once the intersection parameters are established. Public Works acquired property to preserve intersection alternatives and create opportunities for storm water treatment and creek enhancement.

10. School Sidewalk Projects: Holmes Avenue (Kenyon to Oakdale) - Public Works has submitted the Transportation Facility (TF) application to the Planning Department. The TF application must be reviewed by the Planning Commission and approved by the City Council after a public hearing. Design is scheduled to begin in spring 2012.

11. City of Medford Wetland Improvements at Whetstone Creek - The contractor has completed the initial phase which included excavation and fill. The second phase, to be accomplished in 2012, will install plants and irrigation.

12. 4th & Central Signal – Public Works staff is preparing a design for traffic signal rebuild at this location. Urban Renewal Agency (URA) funds have been made available to construct a long-term solution at this location with turn lanes and new traffic signal equipment. Right-of-way acquisition preliminary work is being done. Signal design work is being performed by Public Works staff. Consultant contracts will be needed for right-of-way relocation assistance and civil design work.

13. Foothill Road Corridor Study – Route near Lone Pine Road continues to be adjusted by the consultant. The Transportation Facility (TF) application will be prepared and submitted to Planning Department after adjustments are complete.

14. Highland and Greenwood Pedestrian Crossing - Public Works continues to coordinate with the Parks Department to ensure any future improvements or changes to Bear Creek Park will be accommodated. Design is delayed until a final Park land use alternative is established.

15. Rogue Valley Mall Traffic Camera - The City is designing a traffic surveillance camera at the Rogue Valley Mall entrance on Hwy 62 as required by an Intergovernmental Agreement with the Oregon Department of Transportation (ODOT). Installation may require construction of a sign bridge. Staff is coordinating with ODOT to determine if equipment can be mounted on an existing ODOT structure.

16. Adaptive Signal Timing Project – The City received \$200K in federal Congestion Mitigation/Air Quality (CMAQ) money to install adaptive traffic signal timing software

at seven intersections. Staff is reviewing a Highway 62 alternative with the Federal Highway Administration and ODOT prior to continuing project work.

17. Springbrook and Delta Waters – Medford was awarded CMAQ and STP federal funds which will provide approximately \$700K for this \$1.1M project. Preliminary response from the Federal Highway Administration is that past right-of-way acquisitions will not create problems spending federal dollars on this project. An Intergovernmental Agreement with the Oregon Department of Transportation (ODOT) required by federal funding is being drafted. Public Works staff is pursuing additional transportation grants to fully fund the project.

18. Larson Creek Greenway Bike Path (Bear Creek Greenway to Ellendale) - The City received \$500,000 of federal transportation funds to construct this greenway section in accordance with the Medford Transportation System Plan. The Rogue Valley Council of Governments (RVCOG) has other grants for construction of a 10 foot pathway along Larson Creek and for planting 50 feet from top of bank. Public Works will meet with ODOT personnel to consider pathway alignment. The City and RVCOG need agreements with the property owner (Rogue Valley Manor) prior to construction. The City will also need a Conditional Use Permit for construction of a pathway in the riparian area.

UTILITY CONSTRUCTION PROJECTS

19. Jackson Street Sanitary Sewer Replacement (Columbus to Woodstock) – Public Works has started preparation of construction drawings for this project. Initial tasks include: perform a topographic survey and locate private utilities and sanitary sewer laterals within the right-of-way. Project scheduled for construction early 2012.

20. Elk Creek Basin Storm Water Planning – A conference call meeting in beginning of January was held to review modeling issues. Consultant is rerunning the model based on comments and should be producing second final draft by February.

21. Airport Road Storm Drain Extension – This project will provide additional capacity and improve storm drain grade west of Avion to Table Rock Road by constructing a new storm drain from Table Rock Road to Bear Creek. Staff is working on the permit application for a new storm water outfall to Bear Creek which must be approved by state agencies.

22. Storm Drain in Riverside North of Edwards – This project will replace an existing undersized 12-inch storm drain with a 24-inch pipe. Design review comments are being incorporated into the construction drawings and accommodation of the existing waterline will require a ‘crankshaft’.

23. Juanipero/Laloma Storm Drain Improvements – This is a capacity improvement project. A development was limited until this work is completed. The developer hired a consultant to perform the design, but due to design problems the project was postponed. The City is taking over completion of this design and plans to bid the project for construction. Staff is reviewing options to accommodate an existing waterline with the Water Commission. There are at least two locations that will require a waterline

‘crankshaft’ to eliminate conflicts. The best solution may be to put the storm drain in the park strip or acquire an easement on private property to avoid water lines.

24. Cottage Street Sanitary Sewer Replacement (Main to 10th) – Public Works has started preparation of construction drawings for the project. Some of the initial tasks include: perform a topographic survey and locate private utilities and sanitary sewer laterals within the right-of-way. Project scheduled for construction in late 2012.

REGIONAL WATER RECLAMATION FACILITY PROJECTS

25. Secondary Return Activated Sludge (RAS) Modifications - The contractor is constructing the new Waste Activated Sludge building.



26. WK0903 Cogeneration Project - Work on the drain system for the gas scrubbing system is underway. The contractor is working to move the new engine delivery date up. Bids have been received for the old engine.

27. WR0901 Facility Plan - The National Pollutant Discharge Elimination System (NPDES) permit issued by the Oregon Department of Environmental Quality (DEQ) is complete. The temperature trading agreement with The Fresh Water Trust was approved by the City Council on December 1. The Facility Plan will have final adjustments to incorporate permit and temperature trading contract requirements.

28. WN1002 Lab HVAC and Office Remodel - All new Heating, Ventilation and Air Conditioning (HVAC) units have been installed on the roof. Work is proceeding to get the main Lab unit on line.

29. WN1006 pH Monitoring - The pH probes have been replaced with the correct model and are operating. The contractor continues to address the remaining items.

30. WR1001 Operations and Maintenance (O&M) Manual Upgrade - The consultant and Public Works staff continue to exchange information for this administrative project.

OPERATIONS (MAINTENANCE) DIVISION PROJECTS

31. Security System Upgrade - The facility security system at the Service Center contract has been awarded and work is underway.

32. Pavement Maintenance - A slurry seal contract has been advertised for bid, but the actual work will be delayed until next spring due to seasonal weather. An asphalt 'dig-out' contract to repair local failed pavement sections on several streets was awarded by the City Council on November 17, 2011, and the work is underway on several streets throughout the City.

33. Portland Sewer Replacement - Public Works will replace approximately 1,065 feet of sanitary sewer main on Portland Avenue from E. Main Street to E. 9th Street. The existing pipe was installed circa 1910. This work has started and the project is approximately 75% complete. A contract has been issued to 'pipe-burst' a section of the existing sewer to avoid open trench excavation.

34. Service Center Building B Upgrades - Building B is the fleet shop. This project includes two replacement lifts, floor coating, replacement of the lube system, and administrative area improvements in the fleet shop. This project is in the preliminary planning stage.

ADMINISTRATIVE AND DEVELOPMENT SERVICES PROJECTS

35. Utility Rate Study - The final report from the consultant was reviewed by the City Council. Public Works staff is drafting code language to revise the street, storm, and sewer utility fees. The consultant recommends changing the methodology of street fees to be based solely on the Institute of Traffic Engineers (ITE) Manual. These recommendations are revenue neutral, but change the fees for specific customers. The consultant also recommends adjusting sanitary sewer fees to a cost-of-service basis and revising the storm drain fee impervious area amount for an Equivalent Residential Unit (ERU) to reflect the City's actual impervious area. Public Works staff is reanalyzing the sewer fee and street fee recommendations. Street fee alternatives are being developed.

36. Maximum Block Length Code Change - Public Works is proposing a Land Development Code provision to establish maximum block lengths in order to ensure adequate traffic circulation (including pedestrian and bicycle) is available as development occurs. The Planning Commission reviewed the proposed code language at a Planning

Commission meeting and requested and received another study session prior to reconsidering a recommendation to the City Council. The code language was considered for a second time by the Planning Commission and the decision was postponed at the request of a private land use consultant. This ordinance is scheduled to be reviewed again at a Planning Commission meeting in April. This new parameter is consistent with the Comprehensive Plan Policies adopted in the Medford Transportation System Plan.