

Public Works Department Projects

31Aug10

TRANSPORTATION SYSTEM PROJECTS

1. Owens Drive / Coker Butte Street Improvements – The contractor is constructing Phase 1, Phase 8, and Phase 9A of the project. To view current construction/traffic diagram go to <http://www.ci.medford.or.us/Projects.asp> on the City web site. Current construction activities include street construction, placement of curb, gutter, and sidewalks, and installation of street lights.



(Above) – Recently placed, 175 foot long, 3 sided Garrett Creek box culvert across Owen Drive.

2. Highway 62 By-pass (ODOT) - Public Works is coordinating with ODOT to review design details.

3. Holly Street Extension – Project wetlands consultant is currently obtaining the wetland fill permit from the Division of State Lands and Army Corps of Engineers in order to construct the project. Construction will likely be postponed until 2011 or until wetland permits are received.

4. Congestion Mitigation/Air Quality (CMAQ) Street Project: Mace Road (Howard to Connell) – Public Works has submitted 90% construction drawings, special provisions, and cost estimate to ODOT for review. Right of way acquisition process has started. Construction is anticipated to start in 2011.

5. CMAQ Alley Improvements: Between Jackson and Stevens Street – This project will use federal funds to pave 12 alleys within the area bordered by Stevens Street, Queen Anne Avenue, Crater Lake Avenue, and Pearl Street. Construction will be postponed a few months to address other CMAQ program project priorities.

6. Garfield Street Improvements (Peach to King) – The Transportation Facility (TF) application was presented to the City Council on August 19. Public Works is working on construction drawings, right of way acquisition, and utility relocation coordination for this project.

7. Garfield (Columbus to Peach) - The Transportation Facility (TF) application was presented to the City Council on August 19. Public Works is working on the project agreement for federal funds with ODOT.

8. Hillcrest Road Stabilization (East of Stanford Avenue) – Public Works has modified the scope of work to include construction of retaining walls and sidewalk along the east side of Hillcrest Road from Bel Air Court to the existing sidewalk east of the S-curve. Public Works is preparing construction plans, contract special provisions, and a cost estimate in preparation to advertise for bids.

9. Larson Creek Bridge Replacement (North Phoenix Road) – Project design is complete. Public Works is evaluating material (structural beams) availability and the in-water work time constraints.

10. 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.

11. School Sidewalk Projects: Holmes Avenue (Kenyon to Oakdale) - Public Works has started scoping of this project.

12. Excel Drive and Lear Way - Public Works is gathering survey data and preparing a preliminary design for this project. It has been determined that a Transportation Facility public hearing with the City Council will be required in order to approve design exceptions for Excel Drive. Public Works staff is designing the traffic signal for the intersection of Lear and Delta Waters. An agreement for construction is being negotiated.

13. 4th & Central Signal – Public Works staff is preparing a design for traffic signal rebuild at this location.

14. Foothill Road Corridor Study – Route near Lone Pine Road is being adjusted by the consultant. Public Works will gather additional survey data and meet with Pacific Power to review the constraints imposed by the electrical substation. The Transportation Facility (TF) application will be prepared and submitted to Planning Department after adjustments are complete.

15. Highland and Greenwood Pedestrian Crossing - Continuing to coordinate with Parks Department to ensure any future improvements or changes to Park will be accommodated. Design progress will be delayed until final Park land use alternative is established.

16. RV Mall Traffic Camera - Started design of traffic surveillance camera at Rogue Valley Mall entrance on Hwy 62 as required by Intergovernmental Agreement with the Oregon Department of Transportation.

17. Ross & McAndrews – Construction has begun. County is administering construction project. City is inspecting electrical work and performing traffic signal timing.

18. Delta Waters/Lear Way Traffic Signal - This intersection will be improved as part of the Excel Drive extension project. The design is being prepared by Public Works staff.

19. Adaptive Signal Timing Project – The City received \$200K in federal Congestion Mitigation/Air Quality (CMAQ) money to do eight intersections along Crater Lake Avenue. Funds cannot be spent until the final Intergovernmental Agreement is received from ODOT, but Public Works staff is researching other jurisdictions that are using this system.

20. TIGER II Grant Application for South Stage Road - Public Works completed the exhaustive application and submitted it to the Federal Highway Administration on August 23.

UTILITY CONSTRUCTION PROJECTS

21. King Wah Sanitary Sewer - Public Works is preparing documentation to make offers on two properties for utility easements.

22. Lone Pine Sanitary Sewer Upsizing, Bristol to Inverness – Public Works is reviewing 95% construction drawings prepared by consultant and staff is drafting construction contract specifications.

23. Elk Creek Basin Storm Water Planning – The first run of the storm water system model is scheduled to be completed by the consultant in early September.

24. Storm Drain Replacement – Beatty, S. of Walnut to Central – Replace approximately 1200' of 66" aluminum pipe. Design is 60% complete.

25. Airport Road Storm Drain Extension – Project will provide additional capacity and improve storm drain grade west of Avion to Table Rock Road, and place new storm drain from Table Rock Road to Bear Creek. Three property owners are agreeable to easements. Public Works is preparing the necessary real estate acquisition documentation.

REGIONAL WATER RECLAMATION FACILITY PROJECTS

26. WA0801 Aeration Basin Upgrade and Gate Replacement - Contractor has substantially completed this work. Punchlist items and administrative closeout remain to be completed.

27. Secondary Return Activated Sludge (RAS) Modifications - This project has been advertised for construction bids. The bid opening is scheduled for September 23.

28. WK0903 Cogeneration Project - The consultant is continuing work on the design for this project.

29. WR0901 Facility Plan - Progress has slowed as Public Works and the consultant wait for more definitive information from the Oregon Department of Environmental Quality regarding what the new permit might require for discharges to the Rogue River.

30. WN1001 MCC1 Replacement - Award of this contract was approved by the City Council on August 19.

31. WN1002 Lab HVAC and Office Remodel - Public Works is negotiating the design fee with the most qualified consultant.

32. WN 1003 Drying Bed Pavement Maintenance - A contract has been awarded for crack sealing the asphalt for paved drying beds.

33. WN1006 pH Monitoring - The 50% design is under review by Public Works.

34. WN1007 Gate Replacement - Gates will not be shipped until October 15. Installation may have to be deferred until late spring; depending on the weather.

35. WN1009 Access Stairs - The contracting is working on the foundation at the river bank.

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

37. Oregon Association of Clean Water Agencies (ACWA) Sustainable Energy Program - The next meeting of this group will be September 23 in Medford.

38. Storm Drain Repair - The work is complete. This is the final report for this project.

OPERATIONS (MAINTENANCE) DIVISION PROJECTS

39. Pavement Management System software - Development and implementation of the database and inspection procedures is continuing. A contract Pavement Condition Survey was awarded by the City Council on 19Aug10. The contractor will inspect pavements and create a pavement inspection database which can be used to evaluate the effectiveness of pavement maintenance over time.

40. Radio System Upgrade - This project is to evaluate and upgrade the existing mobile radio system as required to come into compliance with recently passed federal narrow banding regulations. Equipment is being inventoried and assessed to identify which units can be upgraded to comply with the narrow banding requirements. Staff is examining equipment replacement options.

ADMINISTRATIVE AND DEVELOPMENT SERVICES PROJECTS

41. Utility Rate study - The consultant provided a technical memo outlining rate computation options. Public Works staff reviewed the memo and provided comments. The consultant is working to analyze the impacts on various customers by each option being analyzed. The work is scheduled to be complete by the end of November.

42. 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 initial draft has been reviewed and is being revised based on comments received.

43. Web Page Improvements - The Public Works has a new website design that includes pictures on the homepage, a new sidebar with “hot” links to the most used links, and the ability to post public notices prominently in the middle of the homepage. Work has begun to put the Contractor Prequalification Form on the website as a form. Contractors will still need to print and mail the form because it is required to be notarized, but they will have the ability to save it electronically for future use.

44. Utility Billing - The second monthly billing has been completed by the City. This ‘project’ is complete and the City will continue to bill utility customers that do not use water from the Medford Water Commission.