

BENTON COUNTY PUBLIC WORKS DEPARTMENT
ACTIVITY REPORT
February 2019

ROADS

MAJOR ROAD IMPROVEMENT PROJECTS

- **Project Number 25170-01-05 53rd St RR Overpass** –Staff will now be looking into options for construction funding. Public outreach will begin November 14 at a neighborhood meeting planned at the fairgrounds from 5:30-7:00. County is working with a consultant to see what design elements still need to happen and how much getting to final design will cost; however, design work on the project is currently on hold.
- **Project Number 35300-01-10 Starr Creek Road Extension** – Benton County has received Title II funding for this project that was initially identified as a need in the Community Wildfire Protection Plan. The project extends Starr Creek Road to the south and connects with Hells Canyon Road. County Staff are working with property owners to acquire needed Right of Way and temporary construction easements and rights of entry. County Engineering and Road Division staff are working on construction sequencing and equipment needs. Conditional Use application for relocation of road and Right-of-way was approved by the planning commission on July 3, 2018. Environmental permits have been issued from ODF&W, DEQ, DSL and USACOE. The first phase of the project has reached substantial completion. Gates have been installed and the project buttoned up for the winter. [Survey construction staking of phase 2 of the project will take place in February, 2019. Once the project has been staked County Staff will meet with property owners to acquire needed right-of-way. County crews would like to fell timber in June, 2019.](#)
- **Project Number 06530-02-16 Luckiamute Road Project – Phase 2** Continuing from Phase I, this project consist of realigning one curve to prevent future failure adjacent to the river. Survey work is completed and the base map is drawn. The project has been reviewed by the Department of State Lands and will not require a removal-fill permit for wetlands impacts. Preliminary design work has been completed and shows the need for additional right-of-way. Design will continue to occur over the next few months to determine the exact right-of-way needs. Initial conversations with the adjacent property owner seem favorable. Likely this project will be completed in 2019, with Benton County crews realigning the road and a contractor performing the asphalt overlay. As part of the design process we will evaluate the potential to couple this project with repairs to the Luckiamute bridge approaches which need to be lowered. Work has begun on design. [It was determined that the settlement in the roadway is being caused by a failing culvert. The scope of the project has changed from a roadway realignment project to a culvert replacement project. Right-of-way may still be required but potentially construction and maintenance easements for the pipe could be sufficient. Design work for the culvert replacement project still needs to be completed.](#)
- **Gibson Hill (Scenic to Crocker)**
This roadway, located in North Albany, needs to be improved. With proper improvements, the City of Albany is willing to take over jurisdiction. Drainage, pavement, and sidewalk improvements are needed. County staff is meeting to review existing survey documents and will determine what other information needs to be collected for design to commence. Preliminary design of sidewalks and pavement restoration is underway. County staff had discussed phasing the project and completing the asphalt overlay in 2019, but due to current workload, it was decided that the overlay and sidewalk construction will occur together as one project in 2020. [Due to funding and staffing limitations, this project may be delayed until 2021; however, it is in the agreement with the City of Albany that jurisdiction will be transferred by December of 2021.](#)
- **53rd/Country Club Intersection Improvement**
Improvement of this intersection has received \$200,000 funding from CAMPO for 2021 to start design with the intent to complete in 2022 or 2023. Public Outreach to begin spring 2019.

ROAD PRESERVATION PROJECTS

- **Springhill Resurfacing**

Reconstruction of Springhill Drive is needed due to breakdown of asphalt and narrowness of road. Bike lanes are also desired. Five Options are being considered. AAMPO Funds, ARTS Funds, ODOT Funds, and new transportation dollars to fund this project. The portion of Springhill Drive in the City Limits received AAMPO funds for a grind and overlay in 2019. Design and study of options for the remainder of Springhill Drive will occur in 2018/2019. [Through initial funding discussions, we managed to determine that we might be able to have a contractor do a thin overlay from the City Limits to Scenic Drive. The remaining section of Springhill from Scenic to Independence Hwy would be scheduled for an overlay in subsequent years. Contract documents are at 90% and we anticipate putting the project out to bid by the end of February.](#)

BICYCLE PATH PROJECTS

- **Project Number 04440-01-16 Oak Grove** This project will add bike lanes between Scenic and Metge. This project is being considered due to the proposed bike lanes on Independence. Construction may occur in 2020.

- **Metge Bike Lanes** This project will add bike lanes between Oak Grove and Independence. This project is being considered due to the proposed bike lanes on Independence. Construction may occur in 2020.

- **Project No. BP-CorvAlb-01-04 Corvallis to Albany Bikeway**

- **Albany portion** : The section of path in North Albany is still moving forward, with a potential new timeline of design/right-of-way/environmental in 2017 and construction in 2019. Project has been awarded to David Evans and Associates. Environmental work will begin in May/June as we have requested Permits of Entry to access properties to study the proposed alignment. Grant match funded with Benton County Capital Improvement Program. Had a project kick-off meeting with ODOT, City of Albany, the Consultant, and the County to go over timelines and work items. The consultant is currently working on surveying the proposed alignment. Environmental studies are underway and design modifications, as needed, around BPA power poles and the railroad trestle are being vetted. The County received permits from the BPA for the path alignment which is partially located within BPA right-of-way. Right of way for the bikeway will be obtained in 2019 and construction is now estimated to begin in 2020. [Right of way descriptions are being generated so the consultant can begin appraisals and property negotiations. The project received environmental clearance \(Finding of No Effect\) and has been labeled a categorical exclusion.](#)

- **Rural Portion** : Phase 2 of public outreach has begun. Stakeholder Meeting #1 occurred on 1-25-17 to set criteria in evaluating a bike path route. A public open house was held on April 5, 2017. Presentation to Board of Commissioners in May 16. Vote by Board of Commissioners on June 6. Research and design being completed by consultant. Preliminary Location is now complete. Technical meeting occurred on October 9. Staff is vetting design options in ODOT ROW with ODOT Staff. Next staff will meet with ODOT Rail in regards to potential railroad issues. Staff is also scheduled to meet with the railroad operator to discuss their concerns. With the addition of \$28 million in safety improvements along the Hwy 20 corridor, coordination between ODOT staff and County staff is occurring to ensure the path will still fit. Due to the new funds and additional coordination, public outreach is delayed until the Winter of 2019.

- **South Fork recreation group** – Group continues to meet about bicycle and pedestrian paths in the Monroe area. Parks is the County lead with Jim Stouder representing Public Works. Council of Governments is assisting leading the entire process. COG and the County are in the midst of executing an Intergovernmental Agreement and a three party agreement with the Federal Lands. [Due to the government shut-down, work was delayed and is now scheduled to begin in early 2019.](#)

BRIDGES

The status of all county bridges is provided by the Bridge Management Plan that summarizes the load ratings of each bridge, provides maintenance recommendations based on inspections conducted and maintenance that has been completed. Bridges are inspected biannually by Oregon Department of Transportation (ODOT) under contract, as well as by Engineering and Maintenance on an as needed basis.

- **Hubbard Road Bridge** – Bridge was closed in December 2014. A grant has been obtained in the amount of \$5.6 million to be designed in 2018 and constructed between 2019-2021. We are meeting with consultants to seek interest. Residents have been notified of the funding acquisition and projected construction schedule. Initial grant match approved in Benton County Capital Improvement Program. We have received notice that design funds should be available some time in 2018. The County has executed the Intergovernmental Agreement with ODOT, but has not yet received Notice to Proceed. Once that is complete, we will advertise the Request for Proposals and select a consultant for design. Construction is slated for 2020 (if possible). [The Request for Proposals was advertised in January and proposals are due on February 12th. Our goal is to select a consultant by the end of February and have them start design work in late March or April.](#)
- **Irish Bend Covered Bridge (OSU Pedestrian Path)** – A grant has been awarded for the project. City of Corvallis will provide oversight of the project as an ODOT certified agency. The project is scheduled for summer of 2019. Grant match was approved in Benton County Capital Improvement Program.
- **Oak Creek Bridge** – Construction scheduled for 2019. Meeting with OSU forestry department occurred to secure McDonald forest emergency route (Road 600), which may also serve as detour route during bridge construction. Wetland delineation report received and preliminary scoping and design began in October. [Due to staff changes, this project will be delayed; however, it is still being designed so that the project will be ready to move toward construction when it reaches the appropriate priority level.](#)
- **Federal Fund Grant Applications** - County has applied for Hayden Bridge, Irish Bend Bridge and Dodge Island Bridge. ODOT is in the process of reviewing applications and will present 150% project list on February 26th. County will send representative to ensure that most recent data (load rating and sufficiency rating) are incorporated into the technical ranking scores. Selected projects will be constructed 2022-2024. All three County projects made the 150% project scoping list. County staff led scoping visits to the sites for representatives from ODOT & WH Pacific in September. WH Pacific is assisting ODOT with the project selection effort. Final project selection will occur in March 2019.

CULVERTS

Culvert replacement projects are planned based on information provided through IRIS, the fish passage improvement program, or on a contractual basis. Benton County Public Works in cooperation BSWCD, MRWC Alsea Watershed Council and Luckiamute River Watershed Council will jointly develop basin wide fish passage improvement projects.

- **Oak Creek Drive Culvert Replacement** – Environmental surveys complete. [Wetland delineation is complete and the County has received Concurrence from the DSL. Approval of a Road Stream Crossing Plan has been issued by ODF&W. Funding from the OWEB Implementation Grant was not approved. Public Works plans to proceed with the work, design is 95% complete.](#)
- **Bellfountain Road Culvert Analysis** – Road staff brought this culvert to the Engineering Staff's attention last month and we visited the project in the field. Engineering will be analyzing options for the culvert given the amount of traffic on the road. County staff are going to meet on-site to determine the limits of survey needs, especially given the high amount of brush and water in the area. Survey work for the project was completed during October while there was very low water. Options for improvements are being analyzed and considered.

WORK FOR OTHERS

In order to better optimize resources and maintain a level of staffing, Public Works makes available labor and equipment to other public agencies, departments, road districts, etc.

- **Safe Routes to Schools:** The City of Monroe has submitted a Letter of Intent to apply for a Safe Routes to School Grant for bike and pedestrian connections from the school to at least the Library and potentially all the way to Alpine Cut-off Road. The County signed as a co-applicant for the Monroe SRTS grant. According to ODOT's website, recommendations for award will go to the OTC in January or February of 2019. [The Monroe SRTS project was not selected for funding.](#)
- **Safe Routes to Schools:** Benton County submitted a Letter of Intent to apply for a Safe Routes to School Grant in coordination with the Alsea School District. The proposed project would install sidewalks and crosswalks on several County roads as well as potentially Highway 34. The County

submitted an application on behalf of the Alsea School District. Recommendations for award will go to the OTC in January or February of 2019. [The Alsea SRTS project was not selected for funding.](#)

ENVIRONMENTAL/STORMWATER PROGRAMS

- **Project No. RD-NPDES Phase II Permit Storm Water Quality Plan** - An NPDES Phase II Permit Implementation plan was developed in a cooperative effort between Community Development, Benton County Public Works, and Benton County Environmental Health. DEQ Permit renewals are coming. A new draft permit is now available. County is discussing concerns and needs for implementation. Thresholds for oversight and permitting are likely to become more restrictive. The 2018 Annual Report and update are complete and has been submitted.
- **Total Maximum Daily Load Implementation (TMDL) Plan** - County staff is also currently working on our Total Maximum Daily Load requirements within the Willamette Basin. As a Designated Management Agency (DMA), the County produced a Water Quality Management Plan (WQMP). While similar to the SWMP, this plan will specifically address the pollutants listed as exceeding the TMDL's – bacteria, mercury, and temperature. [Public Works and Community Development staff have been meeting and working on the goals of the Implementation Plan for the last 8 months. 2018 was the end of a 5-year cycle of approval and a review/renewal is complete. The matrix of compliance measures has been reviewed and approved by Oregon DEQ staff. The final responses, on-line questionnaire and approved plan are currently in place. Ongoing program. Changes in the NPDES permit conditions will tie into this program.](#)

FUTURE PROJECTS

These are projects that are scheduled to receive funding but are not anticipated to start for a few years:

- **Chapel Drive Bike Path - East** \$131,400
19th to Bellfountain. Truck travel conflicts with biking and pedestrians needs along this roadway. \$1,300,000 is anticipated to be granted requiring a match of \$131,400. Grant match approved in Benton County Capital Improvement Program. [Needed right of way acquisition limits have been determined.](#) Preliminary surveying has been performed.
- **53rd Resurfacing (Harrison to Reservoir)** \$400,000
Resurfacing of this section of 53rd has been granted through CAMPO for a 2020 construction. 20% match required.
- **Fern Rd Resurfacing** \$155,000
Resurfacing of Fern from Grange Hall to Chapel has been granted through CAMPO for a 2021 construction. 20% match required.

COMMUNITY DEVELOPMENT

Encourage the compatibility of development with established plans by analyzing the adequacy of public facilities and proposing solutions to new impacts.

Development Review (ytd)

[Job Code/Project =U02 / D-DEV]

	This Month	FY 18/19	FY 17/18	FY 16/17	FY 15/16	FY 14/15
Building Permits Reviewed	26 NOV - JAN	112	243	155	126	150
Staff Files and Land Division Files	6 NOV - JAN	32	81	67	28	25

- **Development Code / Standard Provisions Update.** Suggested revisions to code have been completed. Document now exists at County Attorney. [Once the Transportation System Plan Update has been approved, work on these code changes will ramp up again so that we are making changes at one time.](#)
- **Transportation System Plan (TSP) Update.** This planning document is required by the State and should be updated approximately every 10-20 years. DKS was selected as the consultant. First

Technical and Stakeholders Advisory Committee meeting took place on August 9, 2017. Project will go from now until April 2019. Addendums for Adair and Monroe to be completed in late 2018 into early 2019. [The Transportation System Plan Update has been recommended for approval by the Planning Commission and has been approved for the first reading through the Board of Commissioners. Second reading is scheduled for February 19, 2019 with the Plan officially going into place 30 days after the second reading.](#)

SURVEY PROGRAMS

Provide professional survey related services such as right of way management, engineering projects, and geographic information data to Public Works and other departments. Fulfill statutory requirements relating to partition plats, subdivision plats, and records of surveys. Maintain a government corner restoration program in accordance with provisions of ORS 203.148 (2) and Benton County Code Chapter 25. Maintain County wide addressing system.

Corner Restoration

Remonumented corners can now be accessed on the Benton County website under the map section. This program is fee funded which has been slightly increasing over the last couple of years.

	Annual Target	This month	FY 18/19	FY 17/18	FY 16/17	FY 15/16
Restorations	40	7	15	30	31	29
Histories	40	1	27	71	118	112

	This Month	# Filed FY 18/19	# Filed FY 17/18	# Filed FY 16/17	# Filed FY 15/16	# Filed FY 14/15
Partition Plats	2	10	35	25	25	26
Subdivision Plats	2	3	4	7	4	3
Record of Surveys	5	39	68	66	57	51

TECHNICAL SUPPORT PROGRAMS OUTSIDE SERVICES

Benton County Public Works Web Site: This site is presently in use. To access the Public Works Web page click below.

<https://www.co.benton.or.us/publicworks>

<https://www.facebook.com/Benton-County-Public-Works-1765644730325281/timeline>

ACRONYMS

AAMPO	<u>Albany Area Metropolitan Planning Organization</u>	IGA	<u>Intergovernmental Agreement</u>
AASHTO	<u>American Assoc of State Highway Transportation Officials</u>	IRIS	<u>Integrated Road Inventory System</u>
ACT	<u>Area Commission on Transportation</u>	ISTEA	<u>Inter-modal Surface Transportation Efficiency Act (Federal Highway Act)</u>
ADT	<u>Average Daily Traffic</u>	LID	<u>Local Improvement District</u>
ArcMap	<u>GIS Mapping Software</u>	MOU	<u>Memorandum of Understanding</u>
BC	<u>Benton County</u>	MPO	<u>Metropolitan Planning Organization</u>
BCPW	<u>Benton County Public Works</u>	MRWC	<u>Mary's River Watershed Council</u>
BCEH	<u>Benton County Environmental Health</u>	NEPA	<u>National Environmental Policy Act</u>
BSWCD	<u>Benton Soil and Water Conservation District</u>	NMFS	<u>National Marine Fisheries Service</u>
BLM	<u>Bureau of Land Management</u>	NPDES	<u>National Pollution Discharge Elimination System</u>
BMP	<u>Best Management Practice</u>	NRCS	<u>Natural Resources Conservation Service</u>
BOC	<u>Board of Commissioners</u>	OAR	<u>Oregon Administrative Rules</u>
BPA	<u>Bonneville Power Administration</u>	ODFW	<u>Oregon Department of Fish and Wildlife</u>
CAMPO	<u>Corvallis Area Metropolitan Planning Organization</u>	ODOT	<u>Oregon Department of Transportation</u>
CADD	<u>Computer Aided Design and Drafting</u>	OBEC	<u>Oregon Bridge Engineering Corporation (Consulting Engineers)</u>
COE	<u>United States Army Corps of Engineers</u>	ORS	<u>Oregon Revised Statute</u>
CTB	<u>Concrete Treated Base</u>	OTC	<u>Oregon Transportation Commission</u>
CWACT	<u>Cascades West Area Commission on Transportation</u>	OTIA	<u>Oregon Transportation Investment Act (400 million dollars passed by state leg)</u>
DEA	<u>David Evans & Associates, Inc. Consulting Engineers</u>	OTIB	<u>Oregon Transportation Infrastructure Bank</u>
DEQ	<u>Department of Environmental Quality</u>	OWEB	<u>Oregon Watershed Enhancement Board (State Funding)</u>
DOGAMI	<u>Department of Geology and Mineral Industries</u>	SDAO	<u>Special Districts Association of Oregon</u>
DSL	<u>Department of State Lands</u>	SMA	<u>Special Management Area</u>
EPA	<u>Environmental Protection Agency</u>	STIP	<u>Statewide Transportation Improvement Plan</u>
ESC	<u>Erosion and Sediment Control</u>	STP	<u>Surface Transportation Program (Federal Funding)</u>
ESA	<u>Endangered Species Act</u>	SWMP	<u>Storm Water Management Plan</u>
FEMA	<u>Federal Emergency Management Administration</u>	T and E	<u>Threatened and Endangered</u>
FHWA	<u>Federal Highway Administration</u>	TMDL	<u>Total Maximum Daily Load</u>
GIS	<u>Geographic Information System</u>	TSP	<u>Transportation System Plan</u>
GPS	<u>Global Positioning System</u>	USACE	<u>United States Army Corps of Engineers</u>
HBRR	<u>Highway Bridge Replacement and Rehabilitation (Federal Funding)</u>	USDA	<u>United States Department of Agriculture</u>
HCP	<u>Habitat Conservation Plan</u>	USFS	<u>United States Forest Service</u>
		WQMP	<u>Water Quality Management Plan</u>

Distribution: Benton County Public Works Department, Benton County Board of Commissioners
 Benton County Roads Advisory Committee, Development Department
 Parks Department, Environmental Health