ACCOMPLISHMENTS & GOALS OF THE PUBLIC WORKS DEPARTMENT

Mission of Department: The County Road Department is dedicated to enhancing the quality of life in our community through the operation, maintenance/preservation, design, and construction of a safe and effective county transportation network. This network consists of 620 miles of road, 53 bridges and other features (e.g., culverts, guardrails, signs) that allow the network to perform its intended function.

WHAT WE ACCOMPLISHED IN 2011:

- **Engineering and Construction** -
  - **Construction Projects:**
    - Shelton Matlock Road – Stoner Road intersection improvements and S-Curve realignment, Belfair Stormwater Improvement Project, Grapeview Loop (Clearing and Grubbing), Harstine Island Road Safety Improvements (Roadside hazard removal and curve realignment), began construction at Weaver Creek Bridge.
    - Paving Projects: Shelton Matlock Road and Highland Road.
    - December 2007 storm repair projects on Elfendahl Pass Road (jointly with participation by Engineering and Operations & Maintenance), 2009 storm repairs at Coffee Creek (jointly with participation by Engineering and Operations & Maintenance), and December 2010 storm repair project on North Shore Road (MP 18.04).
  
  - **Design Projects:**
    - Grapeview Loop Road (Reconstruction), Bridge Guardrail Retrofit (5 locations), Recessed Pavement Markers (County-wide).
    - Contract Management -Design Consultants (5), Construction Contracts (9).

- **Road Operations & Maintenance** -
  - **Chip seal (39.95 miles), 8552 tons of asphalt pre-level, crack sealing, vegetation management, culvert replacements, bank repairs, and snow and ice control.**
  - **Two Bank Repairs on North Shore Road a bridge abutment repair on the Old Belfair Hwy, along with other miscellaneous December 2010 storm repairs.**
  - **Completed FEMA repairs on Shelton-Matlock Rd and Elfendahl Pass Road.**
  - **Two HPA projects on Vance Creek for log jam removal.**
  - **Sign maintenance and replacement, including grant funded safety projects for delineator placements and sign retroreflectivity upgrades. Re-striped 379.3 lineal miles of roadway.**
  - **Completed the road surfacing and signing for the Capital Hill Rd realignment project.**

- **Support Services** -
  - **Environmental Permitting for Construction projects were completed for the Weaver Creek Bridge Replacement, Lower Elfendahl Pass Road Restoration (11 in-stream sites), Coffee Creek Restoration, Harstine Island Road Safety Project, Stormwater project SP93-3BP, Northshore Road Slide Repair, and Four (4) Safety Projects during this year’s.**
  - **Hydraulic Project Approvals (HPS’a) for the Road Operations & Maintenance Division were negotiated and received for two (multi-site) 5-year permits for general culvert maintenance and beaver dam removals.**
  - **Cable Franchise Agreements were updated for the three major cable companies in the Mason County area, Comcast of Washington IV Inc., Wave Broadband Div. IV, LLC and Hood Canal Cablevision.**
  - **105 Utility Permits were inspected and closed-out.**

- **Stormwater** -
  - **Constructed Roy Road Rd stormwater retrofit project in Belfair to improve water quality in the Union River and Hood Canal.**
  - **Participated in the initial development of a regional Hood Canal stormwater retrofit program.**
  - **Contracted with Public Health to perform stormwater sampling and reporting in Belfair, Allyn and Hoodsport.**
  - **Contracted with WSU Extension and Mason Conservation District to provided public outreach and education aimed at increased understanding and use of Low Impact Development Techniques (LID).**
  - **Participated as a member of the Puget Sound Ecosystem Monitoring Program.**
  - **Facilitated Stormwater Task Force recommendations for implementing a “Clean Water” program.**
  - **Worked with consultant team to evaluate long-term “Clean Water” program funding options.**
ER&R
- Purchased and started replacement of the County Financial System, including software and servers with Tyler Technologies MUNIS software.
- Replaced our Fleet vehicle management system, including vehicle maintenance records and parts inventory with the Public Works Cost Accounting and Management System (WinCAMS).
- Public Works radio system reprogrammed to narrowband frequencies in preparation for the January 2013 deadline.
- Added Land Records, allowing search of parcel related records to the county web site.
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- Contracted with WSU Extension and Mason Conservation District to provided public outreach and education aimed at increased understanding and use of Low Impact Development Techniques (LID).
- Participated as a member of the Puget Sound Ecosystem Monitoring Program.
- Facilitated Stormwater Task Force recommendations for implementing a “Clean Water” program.
- Worked with consultant team to evaluate long-term “Clean Water” program funding options.

Survey
- Surveyed requested road and overlay projects, road vacations, and Belfair, Allyn, and Hoodsport stormwater projects. Completed reoccupation of GPS base stations throughout the County.

Emergency Management
- Emergency Management – Received and managed grants, continue training and EOC staffing development. Purchased and implemented a new badging/credentialing system. Conducted a functional and a full scale exercise. Assumed responsibility for city of Shelton's emergency management program.

Administration
- Administered 94 -Road Access, 426-Moving, 9-Road Use, 138-Utility Permits. Investigated 320-Citizen Requests and processed 21-Record Requests.

Finance
- Implemented the new Public Works WinCams Financial System and started training staff. The 2011 Public Works Budget integrity was maintained and the annual state audit for 2010 was completed without incident.

Transportation
- Completed CRAB Reports and Pavement Management System for 2011.

GOALS FOR 2012:

Engineering & Construction
- Construction Projects:
  - North Island Drive (Realignment), Hunter Creek Bridge (Reconstruction), Cloquallum Road (3R), Intersection Improvement Projects at Lynch Road/Arcadia, Schafer Park Road/Mallock Brady Road and Pickering Road/Harstine Bridge Road, Little Mission Creek (Culvert Replacement), Stimson Creek (Culvert Replacement).
- Design Projects:
  - Complete construction of Weaver Creek Bridge
  - Grapeview Loop Road (Roadway Reconstruction in 2012), Elfendahl Pass Road Bridge and Paving Projects (locations yet to be determined).

Road Operations & Maintenance
- Asphalt preleveling, culvert replacements, striping roads, sign maintenance, vegetation management, bank repairs, and snow and ice control.
- Stormwater retrofit project in Allyn.

Stormwater
- Provide final “Clean Water” program recommendations to the community and Board of County Commissioners.
- Conduct community outreach to share recommendations and obtain comments.
- Construct LID projects in Allyn and Hoodsport to improve water quality.
- Continue coordination around on-going water-related activities.

Support Services
- Design and Install a Beaver Deceiver on one culvert to reduce maintenance cost. Develop a GIS data layer indicating environmentally sensitive areas in the County for better planning of Operations and Maintenance projects.

Survey
- Complete the GPS base station adjustments to bring data into the GPS 2011 epoch.

ER&R
- Go live with the replacement County Financial System, MUNIS as of January 1, 2013 and Integrate the Public Works Cost Accounting and Management System (WinCAMS) into MUNIS.

Administration
- Continue to develop Department Procedures and Tasks. Updating the Road Access, Road Use and Moving Permits.

Finance
- Continue to refine new WinCams software and sucessfully interface with the new County Financial System, MUNIS.

Transportation
- Establish a traffic count schedule for all major arterials and collectors to include traffic volumes and vehicle classification.

Emergency Management