

Transportation Planning & Traffic Division

2011 Accomplishments

Geographic Information Systems (GIS)

- Began migration to ArcGIS Server and developed the new TransMap application that will be available in early 2012
- Trained staff in new web application development software including ArcGIS Server, Silverlight, and IT Nexus web parts. Began training staff in 3D modeling, HAZUS-MH (multi-hazard), and LiDAR analysis capabilities
- Played a key role in the LMD Accela ePermits project
- Executed two IGAs to perform work for the Sheriff's Office with Emergency Management
- Converted 90 Assessment & Taxation maps to GIS
- Maintained and enhanced 95 data layers
- Began research and development of Geoportal Server as a metadata solution for County GIS data
- Participated on the storm water-related Underground Injection Control Project Team
- Updated the Lane County Road Maintenance Atlas
- Participated on a number of regional GIS committees

Land Development Review

- Standardized our referral comments for the various Lane Code Chapter 15 requirements, creating two tools to promote consistency in responding to requests for comments on development proposals
- Processed 241 referrals with an 88% early or on time response rate
- Processed seven complex land development proposals involving traffic impact analysis, planned unit developments, plan amendments, and zone changes
- Began work in cooperation with Land Management Division to develop road requirements for establishing an urban industrial plan and zoning for Goshen

Planning

- Collaborated with cities and ODOT on Transportation System Plan (TSP) update processes – Springfield, Eugene, Coburg, Florence, Junction City, and the state required Regional Transportation System Plan
- Secured adoption of the Coburg Interchange Area Management Plan (IAMP) after 7 years. Coburg Road improvements on Pearl Street, Coburg Industrial Way, and nearby city streets will begin next year.
- Secured adoption of the Junction City Hwy 99 Refinement plan after 5 years
- Collaborated with Eugene-Springfield Metro partners and secured adoption of Metro Plan amendments to extend the planning horizon and remove completed projects
- Submitted a grant proposal for planning and design work for a 5.7 mile segment of Territorial Highway, securing \$100,500 in private matching funds and a \$75,000 Road Fund contribution
- Began participation on the Project Management Team (PMT) for the Highway 126 West Fern Ridge Corridor Plan

- Began work to identify and fulfill division's role with regard to the two-year, \$1.4 million, multi-agency Housing and Urban Development Lane Livability Consortium (LLC) grant
- Began collaboration with Central Lane Metropolitan Planning Organization (CLMPO) partners to fulfill statutory scenario planning requirements under HB 2001 (enacted in 2009) to reduce greenhouse gas emissions
- Conducted a public process to determine whether or not to leave open Seward Avenue in Springfield, following construction of the nearby roundabout, fulfilling a commitment made during the Martin Luther King/roundabout project design process
- Traffic and Planning programs collaborated with Engineering to develop short term safety improvements for the Row River Trail following a second recent bicycle fatality, including signage and other measures, and are working to secure Bureau of Land Management (BLM) funds to develop a long range plan for the trail intersections, to improve bicycle safety

Programming

- Completed annual CIP adoption process
- Secured \$191, 542 in 2011 STP-U fund programming, adding to the \$1,436,154 secured in 2010 for programming during the 2011-2013 period for Lane County road, bicycle, pedestrian, and safety projects, and planning
- Began staffing support for County Commissioner on the newly formed Lane Area Commission on Transportation (Lane ACT)
- Staffed for County elected officials the West Eugene EmX project management team
- Continued staffing of subcommittees for the Central Lane Metropolitan Planning Organization (CLMPO), the Transportation Advisory Subcommittee/Transportation Planning Committee (TASC/TPC) , including collaboration on development of an updated Unified Planning Work Program (UPWP) and 2035 Regional Transportation Plan (RTP)
- Continued providing support to the CLMPO Metropolitan Policy Committee

Public Works Department-wide Activities

- Revenue Options Subcommittee
- Public Works Employee Activity Association (PWEAA)
- Diversity Committee
- S.A.V.E. Committee
- Safety Committee
- Traffic staff led Public Works effort for the United Way Campaign
- Whole Works Newsletter Committee

Road Maintenance Inventory System (RMIS) Maintenance

- Updated 93 Road and Road Segment features in RMIS and adjusted 30 straight line intersections
- Updated RMIS with 2010 crashes
- Entered 1,200 miles (4,652 segments) of roadway striping into Striping Module
- Updated RMIS with 782 (2010) Traffic Counts

Traffic

- Hired a new Sign Shop supervisor and lead electrician
- Played a leadership role in reviewing and providing statewide comments on the national Manual on Uniform Traffic Control Devices (MUTCD) update
- Provided traffic control guidance and assistance to ongoing construction and county force projects
- The Irving Road/Northwest Expressway railroad and other safety improvements were completed with Traffic Engineer's oversight and assistance with signal and other electrical features installation
- Worked with Springfield to complete a safety analysis for the intersection of Mt. Vernon Road and Bob Straub Parkway, and applied for a grant for a new pedestrian activated traffic light ("pedestrian hybrid beacon system")
- Did a traffic analysis of the LCC Gonyea Road Interchange @30th Avenue and applied for a grant to redesign the ramps to reduce congestion and improve safety
- Designed traffic signal upgrades for 14 intersections
- Updated AutoCAD drawings to reflect the most current layout of Lane County signalized intersections, to include detection, signal design, and cabinet wiring.
- Installed a Variable Message Sign to inform motorist of congestion on Delta Highway
- Maintained 24 traffic signals, as well as school zone, railroad crossing, and intersection flashers; speed detectors, highway lighting systems, and illuminated street signs; and maintained and repaired county highway scales. Responded to 13 requests for traffic signal/device repairs
- Located underground utilities, and repaired and maintained electrical facilities for County Parks, Fleet, and other county facilities
- Performed 805 Average Daily Travel (ADT) traffic counts, 64 special traffic counts for the County, and 59 special traffic counts for the City of Eugene. This included a comprehensive classification county and analysis of traffic patterns, including portions of ODOT controlled roads, in preparation for the upcoming 30th Avenue overlay project.
- Responded to 152 public traffic safety requests
- Investigated 12 crash fatalities

Traffic- Sign Shop

- Repaired, maintained, and replaced 8,380 signs
- Striped 2,768 miles of county roads and 242 miles of city streets
- Responded to 63 public assistance requests
- Placed new entry signs at County's borders:
Welcome to Lane County - Enjoy Our County Roads

Web

- Updated and improved our website