



Monthly Deliverables Report

AUGUST 2011

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	July 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Refined local street designs at Mill Plain in Vancouver, Tomahawk Island Drive on Hayden Island and the mainland connector bridge between Marine Drive and Hayden Island. Held one-on-one meetings and led a "limited access" hearing with property owners whose Interstate 5 access will change with project construction. Conducted preparations for a test drilled shaft/driven pile program this fall, which will increase knowledge of soils near the bridge. Developed a draft sequencing strategy for construction. Results will inform the size and content of future construction contracts.
Environmental Study and Reports	<ul style="list-style-type: none"> Distributed a draft version of the Final Environmental Impact Statement (EIS) to cooperating and regulatory agencies for technical review. Briefed sponsoring agencies' boards and councils about the findings in the upcoming Final EIS. Continued work with Metro staff to provide data and analysis to support a Metro Council decision to amend the Land Use Final Order.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Based upon stakeholder feedback, continued refinement of Vancouver light rail station designs at Sixth and Washington streets and the Vancouver park and ride structure at Fifth and Columbia streets. Coordinated and participated in project tours for federal and state legal staff. Continued coordination needed in preparation for the 25 percent and 30 percent design packages.
Finance Study and Reports	<ul style="list-style-type: none"> By direction of the Oregon Governor, provided information to the Oregon State Treasurer's office to support its independent review of the CRC's financing plan. Received the treasurer's findings that the CRC's tolling financial projections should be adjusted to account for the current economic recession's depth and length. Accepted the treasurer's recommendations to reduce and manage financial risk and began incorporating them into the CRC Final EIS.
Public Involvement and Communications	<ul style="list-style-type: none"> Hosted information booths at local fairs and festivals, reaching more than 500 people. Planned Final EIS outreach. Continued updating project website, with launch expected in early fall. Responded to media inquiries.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and project scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> No work invoiced this month.



Monthly Deliverables Report

SEPTEMBER 2011

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	August 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed the plans, specifications and estimate (PS&E) for the drilled shaft/driven pile test program. Completed the 30 percent construction cost estimates and foundation loads for the Mill Plain, McLoughlin interchange structures, and park and ride ramp structure. Produced 30 percent transit structures plans for light rail North Portland Harbor and Tomahawk Island bridges. Produced the draft findings and order document for the limited access hearing.
Environmental Study and Reports	<ul style="list-style-type: none"> Received approval from Metro on Land Use Final Order. Received comments on administrative draft of the CRC Final EIS from federal partners and sponsoring agencies; and submitted revised draft with comments incorporated. Finalized the Test Pile Hydroacoustic Noise Monitoring Report. Achieved consensus on the final Section 106 Memo of Agreement, and started obtaining signatures.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Developed schematic design concepts for the elevated Hayden Island light rail station, shelter canopy and at-grade facilities Completed the annual update for the FTA's New Starts funding process Obtained the Land Use Final Order from Metro Advanced design toward the 30 percent level with focus on transit structures.
Finance Study and Reports	<ul style="list-style-type: none"> Revised Finance Chapter of the FEIS in response to comments from FTA and Metro. Briefed the C-TRAN Board on the FEIS finance plan. Finalized and prepared presentation materials for use at the C-TRAN Board meeting regarding the FEIS finance plan. Revised bond/loan capacity estimates and for the Locally Preferred Alternative (LPA), with highway phasing alternatives. Prepared the finance plan report for the New Starts rating submittal to the FTA and assembled information on TriMet and C-TRAN.
Public Involvement and Communications	<ul style="list-style-type: none"> Supported and coordinated logistics for 10 public events, reaching more than 350 people. Mailed notification letters to potentially impacted property owners listed in the draft EIS. Conducted internal survey of new CRC website, with launch expected in September. Responded to multiple media inquiries.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and project scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests. Managed and maintained CRC project schedule.
Intergovernmental Agreements	<ul style="list-style-type: none"> No work invoiced this month.



Monthly Deliverables Report

OCTOBER 2011

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	September 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed repackaging of the plans, specifications and estimates (PS&E) for the drilled shaft/driven pile test program. Began development of conceptual plans and cross section for the Columbia River bridge to verify the vertical profile for the highway, light rail and the multiuse path. Refined 30 percent transit structures plans for light rail (North Portland Harbor and Tomahawk Island Drive). Conducted QA/QC for the limited access hearing Findings and Order.
Environmental Study and Reports	<ul style="list-style-type: none"> Completed final revisions to the Final EIS, obtained all signatures and delivered printed copies of final document to FTA and FHWA headquarters (Notice of Availability of the FEIS was published in the Federal Register Sept. 23, 2011). Obtained remaining necessary signatures on the memorandum of agreement for Section 106. Completed draft of Phase I Environmental Site Assessment for the Federal Lands to Parks replacement property associated with impacts to Marshall Park. Completed analysis of the groundwater and soil sampling at the drilled shaft locations as part of the approval from EPA on drilled shaft/driven pile test program and Troutdale Sole Source Aquifer Focused Environmental Assessment work plan; and prepared draft Documented Categorical Exclusion for the drilled shaft/driven pile test program. Obtained approval from Department of Archaeology and Historic Preservation (DAHP) for archaeological monitoring during drilled shaft/driven pile test program.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Advanced transit design to 20 percent to inform discussion on project sequence, packaging and delivery methods. Defended an appeal to the Land Use Board of Appeals on the Land Use Final Order received in August. Finalized the C-TRAN Bus Fleet Management Plan Submitted the Project Management and the Safety and Security Management Plans to FTA for review. Reviewed private utility construction/permit proposals for transit-related coordination or conflicts.
Finance Study and Reports	<ul style="list-style-type: none"> Finalized and prepared the Finance Chapter of the Final EIS. Drafted description of the federal statutes and regulations regarding tolling of the interstate bridge. Revised capital finance plan implementation project included in the Final EIS. Prepared the finance plan and related materials for the 2011 New Starts ratings process that was submitted to FTA.
Public Involvement and Communications	<ul style="list-style-type: none"> Provided support for Final EIS publication; distributed document to local and state elected officials, sponsor agency staff, advisory group members, Bridge Influence Area (BIA) mailing addresses, Draft EIS commenters and other stakeholders via mail, email and hand-delivery. Mailed over 21,500 postcards announcing Final EIS availability and drop-in sessions. Supported and coordinated logistics for 15 public events reaching more than 345 people. Finalized new CRC website content in preparation for public launch. Responded to multiple public and media inquiries.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests. Managed and maintained CRC project schedule.
Intergovernmental Agreements	<ul style="list-style-type: none"> No work invoiced this month.



Monthly Deliverables Report

NOVEMBER 2011

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	October 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed the drilled shaft/driven pile test program final plans and specifications. Refined the corridor design to accommodate and show details for ramp meter enforcement areas. Completed the final Hayden Island and river crossing geotechnical data reports. Coordinated with City of Portland and Hayden Island developer to refine the alignments of Tomahawk Island Drive and other local roads to match Jantzen Beach Supercenter redevelopment plans. Coordinated with the City of Portland to refine the alignment and cross section of local streets on Hayden Island by balancing geometrics for traffic with connectivity for pedestrians, bicycles, and transit.
Environmental Study and Reports	<ul style="list-style-type: none"> Received public comments on the Final EIS during public review period and drafted responses. Provided requested information to Federal partners for Record of Decision (ROD). Worked with Federal partners to identify mitigation measures to be described in the ROD. Completed draft report of the groundwater and soil sampling at the drilled shaft project locations as required by the Focused Environmental Assessment (FEA) work plan; and submitted report to FTA, FHWA and EPA for review.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Completed the draft Risk and Contingency Management Plan and the draft Real Estate Acquisition and Management Plan and submitted to FTA for review. Refined site plans for buildings necessary to support transit operations. Developed alternative façade treatments for the Columbia Park and Ride based on partner agency feedback. Developed drainage and water quality plans for the Central Park and Ride site.
Finance Study and Reports	<ul style="list-style-type: none"> No work invoiced this month.
Public Involvement and Communications	<ul style="list-style-type: none"> Provided notification, logistical planning and staffing support for the Final EIS drop-in sessions reaching 276 attendees; processed Final EIS comments received during the 30-day review period. Launched new CRC website with updated design, interactive features and fresh content. Sent monthly email update to distribution list of 4,705 recipients Supported and coordinated logistics for 13 public events reaching over 455 people. Responded to multiple public and media inquiries. Responded to requests for information from federal and state elected officials.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests. Managed and maintained CRC project schedule.
Intergovernmental Agreements	<ul style="list-style-type: none"> No work invoiced this month.



Monthly Deliverables Report

DECEMBER 2011

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	November 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed river bridge work to support highway, light rail transit and multi-use path profile verification. Received ODOT concurrence on Interchange Access Modification Request. Prepared and finalized the limited access hearing Findings and Order Plan. Finalized field data for utility locations within project limits as part of subsurface utility engineering.
Environmental Study and Reports	<ul style="list-style-type: none"> Submitted information to support federal Record of Decision based on reviews by Oregon and Washington attorney generals offices. Submitted responses to FEIS public comments to federal partners for review and inclusion in the ROD. Coordinated with City of Portland on upcoming land use permitting to facilitate timely reviews. Coordinated with tribes, Columbia River Inter Tribal Fish Commission and state and federal resource agencies to quantify project impacts, minimization and mitigation for Pacific lamprey. Held Interstate Collaborative Environmental Process (InterCEP) meeting on post-construction stormwater management and water quality management during construction; provided update on design for water management and treatment to facilitate upcoming 401 water quality certification application review.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Revised structural bridge layout, architectural layout and civil and track plans for Hayden Island Station at Tomahawk Island Drive based on discussions with City of Portland and the revised roadway alignments. Prepared architectural sketches for the Columbia Park and Ride alternative façade concepts in preparation for presentation to City of Vancouver. Revised track alignment and profile based on preliminary Columbia River Bridge profile and structural cross sections. Created retaining wall profiles for transit alignment to develop retaining wall plan sheets.
Finance Study and Reports	<ul style="list-style-type: none"> Prepared draft of explanation of "Satisfaction of TIFIA Selection Criteria" for TIFIA Letter of Interest. Prepared initial technical assumptions regarding TIFIA borrowing program and initial estimates of borrowing capacity.
Public Involvement and Communications	<ul style="list-style-type: none"> Provided logistical planning and staffing support for the Washington State Transportation Commission presentation and project area tour and for the Washington Joint Transportation Committee presentation. Sent CRC project email updates to a distribution list of over 4,800 recipients. Supported and coordinated 11 public events reaching more than 276 people. Reviewed and responded to over 30 inquires from the public, media and elected officials.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and project scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> Collaborated on transportation planning and project development between state departments of transportation, cities, counties, regional planning organizations, tribal governments and other jurisdictional bodies.



Monthly Deliverables Report

JANUARY 2012

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	December 2011 Work Accomplished
Engineering	<ul style="list-style-type: none"> Awarded contract to Max J. Kuney for drilled shaft and driven pile test project. Documented justification of the existing super-elevation transition length on the SR 500 to I-5 southbound alignment. Prepared documentation for right of entry letters.
Environmental Study and Reports	<ul style="list-style-type: none"> Received Record of Decision from federal partners on Dec. 7. Published the proposed Marine Mammal Protection Act Letter of Authorization rule in the Federal Register. Submitted to National Marine Fisheries Service a notice of intent to re-initiate Endangered Species Act consultation related to critical habitat designation for eulachon.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Developed transit 25 percent plans package. Began QA/QC process for 25 percent design review by partners and stakeholders in early January; completed 25 percent design documents in preparation for QC review in all disciplines. Completed plan sheets for roadways adjacent to transit alignment. Completed preliminary Mill and Columbia Park and Ride alternative configurations with architect.
Finance Study and Reports	<ul style="list-style-type: none"> Finalized and submitted TIFIA Letter of Interest. Hosted project area tour and discussion with bi-state finance staff. Discussed and outlined potential toll authorization legislation for Washington 2012 legislative session.
Public Involvement and Communications	<ul style="list-style-type: none"> Supported notification and distribution of the Record of Decision. Provided logistical planning and staffing support for the Project Sponsors Council meeting. Supported logistical planning and materials development for meeting of Oregon Legislative Oversight committee on CRC. Drafted, finalized and distributed drilled shaft and driven pile test program news release and responded to media inquiries. Sent a CRC project email update on Dec. 7 to a distribution list of 4,893 recipients.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and project scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> No work invoiced this month.



Monthly Deliverables Report

FEBRUARY 2012

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	January 2012 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed transit 25 percent plans package for bridges and retaining walls. Provided technical support to transit Value Engineering study. Completed profile verification work for the highway, light rail, and multi-use path approach bridges. Completed subsurface utility engineering phase 1 field work and began preparing for conflict analysis in phase 2. Received concurrence from both Oregon Department of Transportation and Washington State Department of Transportation on the Interchange Access Modification Request.
Environmental Study and Reports	<ul style="list-style-type: none"> Coordinated notice of Record of Decision in the Federal Register on Jan. 5, 2012. Provided public notification and distribution of the State Environmental Policy Act Notice of Action Taken to adjacent property owners and newspaper. The Notice of Action Taken was published in the Washington Department of Ecology SEPA Register Jan. 25, 2012. Held a lamprey workshop with representatives from tribes, Columbia River Inter Tribal Fish Commission and state and federal resource agencies to identify methods for assessing lamprey abundance and distribution in the project area. Continued coordination with National Marine Fisheries Service on Marine Mammal Protection Act Letter of Authorization. Close of comment period was Jan. 14, 2012. Began on-site work for phase 1 environmental site assessments.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Supported Value Engineering workshop and constructability review. Distributed 25 percent plans to stakeholders for review. Revised intersection at Fifth and Main Street in coordination with the Highway Team. Presented options for Columbia park and ride facades to the City Center Redevelopment Authority sub-committee resulting in agreement on façade for the Columbia park and ride.
Finance Study and Reports	<ul style="list-style-type: none"> No work invoiced this month.
Public Involvement and Communications	<ul style="list-style-type: none"> Provided logistical planning and staffing support for the Oregon Legislative Oversight Committee on CRC meeting on Jan. 19, 2012. Scheduled presentations and coordinated logistics for outreach events. Overall, staff supported 12 public events reaching over 220 people this month. Reviewed and responded to multiple inquiries from the public, media and elected officials. Participated in one-on-one meetings and phone calls with property owners affected by the project.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and project scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> Collaborated on transportation planning and project development between state departments of transportation, cities, counties, regional planning organizations, tribal governments and other jurisdictional bodies.



Monthly Deliverables Report

MARCH 2012

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	February 2012 Work Accomplished
Engineering	<ul style="list-style-type: none"> Completed and submitted to FTA the project utility relocation schedule. Addressed 25 percent transit comments related to highway/transit interfaces in preparation for 30 percent plans. Delivered construction package maps and procurement method summary table for website posting.
Environmental Study and Reports	<ul style="list-style-type: none"> Concluded the Washington State Environmental Policy Act (SEPA) process. Held lamprey workshop to present new research with representatives from tribes, Columbia River Inter Tribal Fish Commission and state and federal resource agencies. Met with U.S. Coast Guard to discuss data collection and upcoming bridge permit application. Worked on development of master permitting plan to list and describe necessary permits and outline permit application development process.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> Received comments from local project partners on 25 percent designs. Distributed the comments to discipline teams to develop responses and recommendations for action. Updated right-of-way and easement outlines based on current right-of-way files and review of design corridor. Completed final draft of alternatives analysis for Mill and Columbia park and ride building configurations and foundations.
Finance Study and Reports	<ul style="list-style-type: none"> Reviewed and commented on legislative activity on the Washington tolling authorization bill. Held meetings between the states and the transit agencies to develop agreement terms for project delivery and operations and maintenance.
Public Involvement and Communications	<ul style="list-style-type: none"> Distributed updated schedule and information for drilled shaft and driven pile test program. Notified Columbia River vessel owners and users about data collection efforts for the project's bridge permit application to the U.S. Coast Guard. Supported 14 public outreach events reaching about 235 people this month. Reviewed and responded to more than 15 inquires from the public, media and elected officials. Participated in seven meetings and phone calls with property owners affected by the project.
Program Management	<ul style="list-style-type: none"> Provided project oversight and management. Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. Conducted preliminary project implementation, planning and scope development. Prepared reports for state, local and federal entities. Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> Collaborated on transportation planning and project development between state departments of transportation, cities, counties, regional planning organizations, tribal governments and other jurisdictional bodies.



Monthly Deliverables Report

APRIL 2012

EXPENDITURE BY FUNCTIONAL AREA

Functional Area	March 2012 Work Accomplished
Engineering	<ul style="list-style-type: none"> • Addressed 25 percent transit comments related to highway transit interfaces in preparation for 30 percent plans. • Identified deliverables related to upcoming work on Columbia River Bridge (CRB) contract package, continued transit design and permitting. • Completed the Utility Management Plan and submitted to Federal Transit Administration. • Completed the Right-of-Way and Limited Access Plans.
Environmental Study and Reports	<ul style="list-style-type: none"> • Produced draft plan to list and describe necessary permits and outline permit application development process. • Gave notice to proceed on preliminary design for off site natural resource mitigation in Oregon. • Developed Section 106 mitigation schedule. • Completed draft of Bridge Marketing Plan. • Continued completing Phase 1 Environmental Site Assessments for properties in both Washington and Oregon.
Transit Planning and Preliminary Design	<ul style="list-style-type: none"> • Identified engineering design services necessary to prepare transit construction packages. • Received, compiled, assigned response responsibility and coordinated the distribution of comments pertaining to the 25 percent plans. • Reviewed utility relocation drawings for general conformance to the plan set.
Finance Study and Reports	<ul style="list-style-type: none"> • Assisted in preparation and execution of agreements and tracking development of term sheets for multiple interagency coordination areas, including transit operations and maintenance and project development.
Public Involvement and Communications	<ul style="list-style-type: none"> • Mailed drilled shaft/driven pile test project factsheet to 6,221 recipients and conducted door-to-door outreach to businesses adjacent to work zones. • Mailed letters to mariners requesting river user data to support permit application to the U.S. Coast Guard. • Supported 12 public outreach events reaching over 210 people. • Reviewed and responded to more than 40 inquires from the public, media and elected officials. • Distributed two email updates to more than 4,700 recipients.
Program Management	<ul style="list-style-type: none"> • Provided project oversight and management. • Maintained interdisciplinary coordination and adherence to project delivery schedule and budget. • Conducted preliminary project implementation, planning and project scope development. • Prepared reports for state, local and federal entities. • Responded to public disclosure requests.
Intergovernmental Agreements	<ul style="list-style-type: none"> • No work invoiced this month.