

CRC Expenditures By Consultant or Agency 2004 through March 31, 2014				
Consultant or Agency	PTD	Accrued	Total	Description
Aadland Evans	25,485.00		25,485.00	Evaluated constructibility of various aspects of project
ADR Services	7,273.75		7,273.75	Third Party Member Dispute Review Board - Drilled Shaft Test Project
Aecom Technical Services	68,547.57		68,547.57	Participated on CRC Independent Review Panel
Air Science	60,817.94	-	60,817.94	Air quality analysis for FEIS
All Traffic Data	259,681.00		259,681.00	Provided traffic counts
American Construction	828,508.00		828,508.00	Temporary Pile Test Program
Angelo Eaton	18,766.40		18,766.40	Urban planning and land use
Applied Archaeology Research	381,156.00	577.50	381,733.50	Archaeologic Research during FEIS
Armeni Consulting	10,024.08		10,024.08	Participated in estimating workshop
Arora And Associates	7,084.45		7,084.45	Participated in contract packaging and delivery method workshop
Art Anderson	34,495.48		34,495.48	Analysis of vessel mitigation strategies related to bridge height alternatives.
Atlanta Regional Commission	1,007.74		1,007.74	Participated in peer review panel (traffic)
ATS Consulting	52,928.78		52,928.78	Acoustical consulting services
BergerABAM	189,117.21		189,117.21	Analysis of modifications of industrial processes and facilities to accommodate bridge height alternatives.
Bernert Barge Lines	13,730.52		13,730.52	Ship simulation support for navigation permit.
BNSF Railroad Agreement	15,671.78		15,671.78	BNSF Liaison share for CRC, RR flagging
Boart Longyear	308,962.75		308,962.75	Drilling contractor using sonic, hollow stem auger, mud rotary and probe technology
BST Associates	266,775.36		266,775.36	Economic analysis of river navigation and potential impacts due to bridge height alternatives.
Cambridge Systematics	196,421.89		196,421.89	Economic benefit analysis of project as defined by the Record of Decision.
Cascadia Law Group	85,825.52		85,825.52	Participated on CRC Independent Review Panel
Casso Consulting	5,836.04		5,836.04	Support for preparation of the full funding grant application to Federal Transit Administration.
CDM Smith	1,536,181.07		1,536,181.07	Investment-Grade Traffic and Toll Revenue Analysis Services
Central Puget Sound	559.65		559.65	Participated on Packaging and Delivery Method Workshop
CH2M Hill	2,495,181.57		2,495,181.57	Participated on CRC Independent Review Panel and Bridge Review Panel, cost estimating, air quality; technical assessment of tolling options
City Of Portland	636,815.77		636,815.77	Staff assistance with committees and FEIS
City Of Vancouver	776,444.71		776,444.71	Staff assistance with committees and FEIS
Claude Sakr	290,514.03		290,514.03	Preparation of Project Management Plan
Cocker Fennessy	9,086.12		9,086.12	Strategic communications
Columbia River Pilots	12,609.87		12,609.87	Ship simulation support for navigation permit.
Conklingfiskum & McCormick	9,515.00		9,515.00	Strategic planning support during DEIS phase of project.
Cooper Zietz Engineers	143,077.52		143,077.52	Quality assurance program auditing during DEIS phase.
Corelogic	731.70		731.70	Provided ROW data for Oregon
CTran	870,521.25		870,521.25	Staff support and participation
Dan Fisher Excavating	18,897.99		18,897.99	Provided equipment to excavate and backfill trenches for archeological investigations
David Evans & Associates	43,680,640.35	576,483.44	44,257,123.79	General Engineering Consultant Services including, Transit, Structural and Roadway Engineering
David Grey Construction	9,268.00		9,268.00	Provided constructability review
Davis Langdon	25,122.83		25,122.83	Provided risk management
Davis, Hibbits, Midghall	73,493.77		73,493.77	Provided market research services through surveys
Dawson Associates	10,183.17		10,183.17	Support for development of US Coast Guard General Bridge permit application.
Department of Fish and Wildlife	404.73		404.73	Permit
Department of Commerce	5,739.21		5,739.21	Coordination of economic information
DL Design	15,040.00		15,040.00	Assisted with the PMP development for FFGA
Earth Dynamics	58,650.22		58,650.22	Geotechnical for Liquefaction Mitigation Design
Economic Development Research	35,331.21		35,331.21	Economic benefit analysis of project as defined by the Record of Decision.
Economic Insights	12,500.00		12,500.00	Analysis of Alaska Oil and Gas Market Development and potential impact on Columbia River fabricators.
En Pointe Technologies	10,854.99		10,854.99	Software License
Enviroissues	8,473,854.81	130,878.30	8,604,733.11	Supported Public Information and Outreach
Er Analytical	2,420.00		2,420.00	Hazmat testing
ERF	79,711.36		79,711.36	Participated on CRC Independent Review Panel
ESA Adolfson	28,528.20		28,528.20	Services related to underwater archaeology
Foundation Engineering	507,153.41		507,153.41	Provided geotechnical support for the project
Global Geophysics	51,318.12		51,318.12	Geotechnical testing
Glosten Associates	15,791.64		15,791.64	Provided hydrodynamic analysis
Golder Associates	64,109.51		64,109.51	Cost Risk Assessment/ Cost Estimate Validation Process
Gravity Consulting	7,040.00		7,040.00	Provided collection of sediment samples on the Columbia River
Gregg Drilling & Testing	3,000.00		3,000.00	Geotechnical boring
Group AGB	52,392.50	87,709.50	140,102.00	Development of Business and Workforce Diversity Program
Hatch Mott Macdonald	1,042,541.24		1,042,541.24	Provided program management and scheduling services
HDR	10,376,477.05	830,299.46	11,206,776.51	Provided services related to structural engineering, design build procurement and Section 408 permit application and review
Heffron Transportation	91,069.75		91,069.75	Analysis of freight system impacts related to project alternatives.
Heritage Research Associates	2,348,479.54		2,348,479.54	Archaeology Evaluation and Analysis during FEIS
High Tech Fab	50,905.53		50,905.53	Evaluation of facility alternatives to mitigate impacts to oil module fabricator.
HNTB	541,097.23		541,097.23	Participated on Bridge Review Panel
Holli Scheu	11,750.00		11,750.00	Consulting services
Howell Consulting	76,959.39		76,959.39	NEPA process planning support.
HSNO	72,805.53		72,805.53	Evaluation of economic impacts to fabricator from bridge height alternatives.
Illumination Arts	36,264.17		36,264.17	Provided architectural lighting design
Interfluve	67,900.50		67,900.50	Hydraulic Analysis for potential mitigation site near Hood River, OR
Jacobs Engineering	417,466.70		417,466.70	Tolling
JD White Company	101,964.02		101,964.02	Public involvement support early in DEIS phase of project.
John Clark	210,003.56		210,003.56	Participated on Bridge Expert Reivew Panel
John Parker Consulting	52,353.75		52,353.75	Traffic modeling consultant.
John Reilly	111,484.21		111,484.21	Organizational and Team alignment
KBA	2,924.30		2,924.30	Provided scheduling assistance and management
Ken Casavant	1,772.06		1,772.06	Consultant services
Kitchin	1,163,758.17	56,966.00	1,220,724.17	Estimating support, stormwater engineering
KPFF	5,395.66		5,395.66	Transit Value Engineering
Oregon Department of Justice	798,213.44		798,213.44	Legal services
Lenhardt, Andra Und Partner	82,643.64		82,643.64	Participated on Bridge Review Panel
Leon Skiles & Associates	445,253.09		445,253.09	Planning services for the DEIS
LTK	673,659.19	69,288.34	742,947.53	Light Rail Systems Engineering
Luna Jimenez Seminars	267,430.44		267,430.44	Support for development of public outreach events.
Mark Greenfield	55,667.00		55,667.00	LUFO (land use final order)
Markgraf & Associates	1,236,709.83		1,236,709.83	Strategic planning and outreach support.
Mary Lou Ralls	26,012.50		26,012.50	Participated on CRC Independent Review Panel
Max J. Kuney Company	4,753,312.77		4,753,312.77	Drilled Shaft and Driven Pile Test Program (Construction Contract)
Mccaig Communications	518,693.84	34,335.00	553,028.84	Strategic Communications
Me Facta	56,323.11		56,323.11	Consultant services
Mead And Hunt	2,860.11		2,860.11	Federal Aviation Administration Studies and 7460 Review
Metro	1,805,822.18		1,805,822.18	Assist with aspects of FEIS preparation
Michael Meyer	16,983.50		16,983.50	Governors Expert Review Panel Member
Michael Minor	310,314.77	6,550.00	316,864.77	Noise Analysis and Evaluation during FEIS
Molenaar And Associates	4,098.88		4,098.88	Participated in cost estimate and validation process (CEVP) workshop
Nossaman, Guthner Knox	33,475.81		33,475.81	Legal review of background docs and statutes
Mpr Process And Communications	4,737.81		4,737.81	Public relations
Multnomah County	114,375.38		114,375.38	MCDD - Section 408 Levee Permit Review
N.Central Texas Council Of Gov	1,228.39		1,228.39	Participated in peer review panel (traffic)
National Constructors Group	189,976.02		189,976.02	Packaging and Delivery Methods Workshop / Cost Estimate Validation Process / Transit VE
National Parks Service	336,305.18		336,305.18	Archeological Monitoring
Nelson/Nygaard Consulting	3,553.00		3,553.00	Consulting related to parking structures
New Albion Geotechnical	47,250.77		47,250.77	Provided independent review of seismic groung motion and hazard evaluations
Northwest Geophysical Services	2,800.00		2,800.00	Geotechnical testing
ODOT	8,052,100.18		8,052,100.18	Staff time to manage and participate in CRC project
Oregon Department of Environmental Quality	49,573.70		49,573.70	Permit support and coordination
Orders Associates Research	5,352.73		5,352.73	River profile services
Orrick Herrick	16,338.42		16,338.42	Legal services
PacRim Geotechnical	60,477.29		60,477.29	Geotechnical testing
Parametrix	16,709,046.70	307,750.70	17,016,797.40	Environmental technical reports, preparation of FEIS
Parisi	1,446,505.04		1,446,505.04	Transportation Planning and Traffic Engineering
Parson Transportation Group	80,794.91		80,794.91	Cost Risk Assessment/ Cost Estimate Validation Process
Parsons Brinckerhoff	23,708,467.19	200,672.67	23,909,139.86	Structural and Roadway Engineering; Toll revenue support
Pegasus Global Holdings	99,439.44		99,439.44	Participated on CRC Independent Review Panel
Reinhall	5,000.00		5,000.00	Provided hydroacoustic monitoring

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PMT Pro LLC	709,418.80	51,806.25	761,225.05	Document Control and Program Support Services
PSPN Participation	2,667.00		2,667.00	Consultant services
Public Knowledge	141,921.40		141,921.40	Governors Expert Review Panel Administrator
Public Resources	97,809.41		97,809.41	Consultant services
Puget Sound Regional Council	1,253.94		1,253.94	Participated in peer review panel - traffic and greenhouse gas
PVT America	9,837.89		9,837.89	Support for traffic modeling during FEIS
Quality Counts	68,870.00		68,870.00	Provided traffic counts
Ralls Newman	45,522.99		45,522.99	Participated on Bridge Review Panel
Resource Systems Group	215,048.80		215,048.80	Provided market research
Rodino	37,163.02		37,163.02	Ship simulation support for navigation permit.
ROW (WSDOT)	782,660.00		782,660.00	ROW acquisition and associated labor costs
RTC	512,174.91		512,174.91	Planning studies and staff time
Saag Legal Advice	110,376.47		110,376.47	Legal review of background docs and statutes
Sacramento Council Of Gov.	818.34		818.34	Participated in peer review panel (traffic)
Shaver	33,181.00		33,181.00	Ship simulation support for navigation permit.
Steven Siegel	2,013,595.36	89,392.12	2,102,987.48	Supported Finance Plan and Inter-agency agreements
Shannon And Wilson	6,094,887.53	188,787.26	6,283,674.79	Provided geotechnical services
Shea Carr Jewell	18,400.06		18,400.06	Transit Value Engineering
Software License	636,783.39		636,783.39	Software licenses
Solutions At Work	3,450.00		3,450.00	Team Building
Sorin Garber Consulting	26,044.49		26,044.49	Freight alternatives analysis during DEIS phase of project.
Sound Transit	1,004.00		1,004.00	Value engineering workshop support
SS Papadopoulos & Associates	1,032.00		1,032.00	Groundwater & hydrogeologic services
Stantec Consulting	769,004.97		769,004.97	Tolling alternatives analysis; supported independent review panel
State Of California	974.70		974.70	Value engineering workshop support
Stephan Thoman Consulting	41,121.30		41,121.30	Participated on Bridge Review Panel
Stoll Stoll	10,499.00		10,499.00	Consulting services
Structural Design & Analysis	2,400.00		2,400.00	Provided analytical testing of sediment samples
Test America Labs	15,420.00		15,420.00	Provided analytical testing of sediment samples
Texas Transporation Institute	7,142.61		7,142.61	Provided expert oversight and advice related to tolling, pricing and managed lanes
The Underhill Group	16,484.63		16,484.63	Communications and Public Involvement Services
Thompson Metal Fab	153,860.00		153,860.00	Mitigation payment
Tidewater	26,176.00		26,176.00	Ship simulation support for navigation permit.
Tom Warne	184,745.20		184,745.20	Led CRC Independent Review Panel; Led Bridge Reivew Panel
Touchstone Architecture	355,033.80		355,033.80	Provided architectural services realted to design elements for river crossing structure
Transformative Sustainable Sol.	10,750.00		10,750.00	Assistance with project sustainability
Tribes (Various)	43,522.24		43,522.24	Participated in developing tribal oral history
TriMet	5,478,051.16		5,478,051.16	Staff time to participate on CRC team
TW Environmental	118,376.38		118,376.38	Provided noise, vibration, and air quality services
TY Lin International	58,367.04		58,367.04	Participated on Bridge Review Panel; CEVP
UMS	1,836,912.34		1,836,912.34	Subsurface utility mapping
United States Army Engineer District	97,247.06		97,247.06	Participation in permit review
Universal Field Services	20,299.53		20,299.53	Right of Way consulting
University Of California	35,882.00		35,882.00	Evaluation of P-Y curves
URS	47,191.48		47,191.48	Participated on Bridge Review Panel
US Army Corps	157,269.00		157,269.00	Participation in permit review
UW CRC Fish Data	6,240.00		6,240.00	Research Agency; Fish Data Analysis
Ve Study (Various)	58,878.44		58,878.44	Value engineering study costs
Vollmer Associates	180,450.26		180,450.26	Predecessor firm to Stantec. Provided tolling analyses.
Wa DWQ	5,721.05		5,721.05	Consulting services
Walker Parking Consultants	48,846.20		48,846.20	Consulted on parking structures
Waterway Simulation Technology	323,754.00	253,493.00	577,247.00	Ship simulation to support Section 408 Permit
Wayne Korber Inc	22,505.64		22,505.64	NEPA Scoping
William P Ott	51,967.14		51,967.14	Served on the Dispute Review Board for the Drilled Shaft Test Project
Wongdoody	50,119.74		50,119.74	Affiliated with JD White. Work related to development of decision-making strategies
WSDOT	31,243,207.49		31,243,207.49	Staff management and support, geotechnical
WST	215,197.00		215,197.00	Ship simulation to support Section 408 Permit
Zgf	1,691,610.54		1,691,610.54	Architecture services
Totals	196,614,118.89		199,499,108.43	