

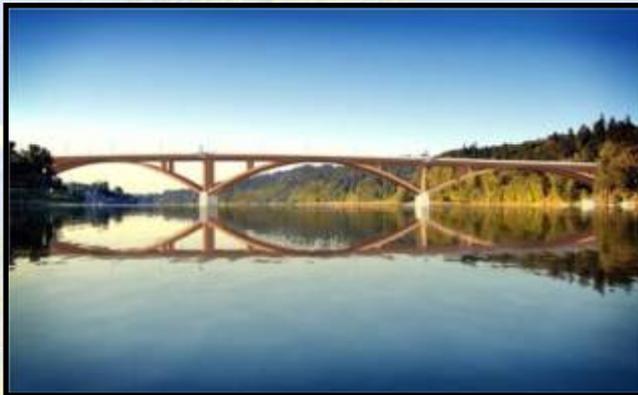
SELLWOOD BRIDGE

Project

MULTNOMAH COUNTY

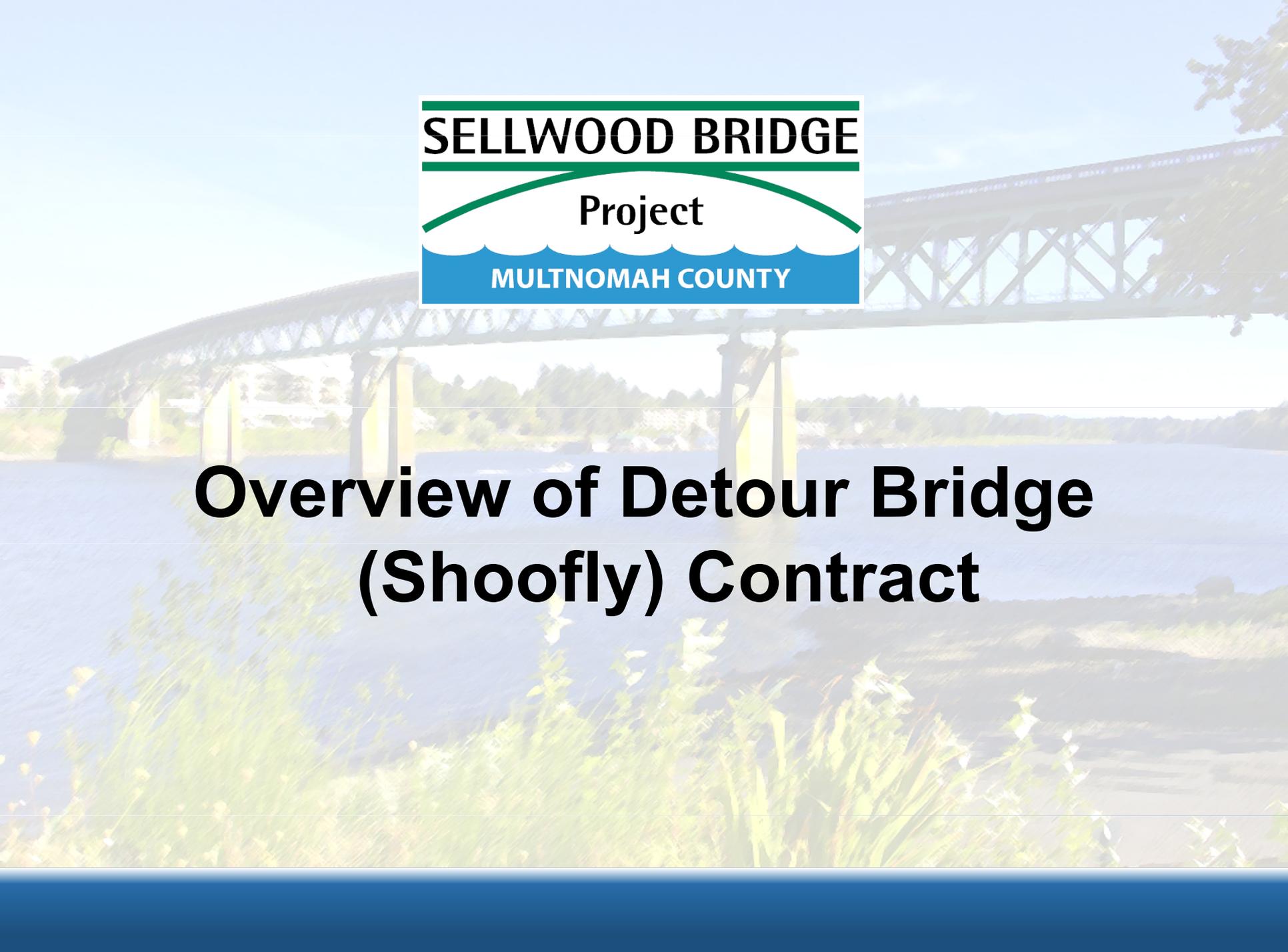
Board of county Commissioner Project Briefing

December 1, 2011



Agenda

- Overview of Detour Bridge (Shoo-fly) Contract
- Overview of Mela Building Deconstruction
- Sustainability Update
- Project Dashboard
- Diversity Update
 - Introduce Andre Baugh
- Preview January Briefing Agenda



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Overview of Detour Bridge (Shoofly) Contract

Detour Bridge (Shoofly) Contract

- Innovative idea surfaced by the CM/GC
- Saves time & money and enhances safety
- Board approved the concept on June 14, 2011
- Contract amendment valued at \$18.4m includes:
 - within 2% of engineer's estimate
 - within 3% of independent construction estimate
- Anticipate receiving key federal permits in time to begin in-water work in early December 2011

Detour Bridge (Shoofly) Contract

Key Activities and Milestones	Date
1. Notice to proceed to CM/GC to order and fabricate steel	11-17-11
2. In-water work notice to proceed (NTP) from FHWA	Est. 12-3-11
3. Mobilize barges and equipment to site	12-5-11
4. Vibrate piles into river	Dec '11-Jan '12
4. Land-based construction NTP	3-1-12
5. Construct foundations and translation system	Feb to June '12
6. Translate bridge	Aug '12
7. Shoofly Completion	8-31-12

Detour Bridge (Shoofly) Contract

- Work primarily consists of:
 - Construction of temporary foundations during the upcoming winter in-water work window
 - Developing criteria to guide the bridge translation
 - Translating the bridge 40 feet north
 - Creating construction access on the west/east sides
- Schedule critical path involves steel fabrication and delivery from Oregon Iron Works
 - Committed to two shifts (20-hour operations) and ramping up to 50-person crews to deliver on time

The logo for the Sellwood Bridge Project is centered at the top. It features the text "SELLWOOD BRIDGE" in a bold, black, sans-serif font, enclosed within a white rectangular box with a green border. Below this box is a green arch shape, and under that is a blue rectangular box with a white scalloped top edge containing the word "Project" in black. At the bottom of the logo is a solid blue rectangular box with the text "MULTNOMAH COUNTY" in white, sans-serif font. The background of the entire slide is a photograph of the Sellwood Bridge over a river, with green grass in the foreground.

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Overview of Mela Building Deconstruction

Mela Deconstruction

- Contractor: Konell Construction & Demolition Corp.
- Work performed 9-9-11 to 11-24-11
- Value of work: \$109K
- Sustainability facts:
 - 88% of building materials recycled or reused
 - Concrete (707 tons), Wood (179 tons), Metal (38 tons)
 - 10 separate recycling/reuse centers utilized based on material type
 - Old growth beams to be cleaned, sorted, and resold















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Sustainability Update

Sustainability

Use of the project sustainability framework to guide upcoming decisions on and specifications for:

- **Materials**
 - Local sourcing
 - recycled input content
- **Reclaimed Materials**
 - Recycle and reuse
 - Donation to other agencies
- **Equipment fuel selection**
- **Green power use**

Sustainability cont.

- Labor and material sourcing
 - CM/GC focusing on Tri-County subcontractor selection
- Material content- substantial areas for sustainability
 - High recycled content for steel
 - Concrete using cement replacements
 - Asphalt using recycled content & warm vs. hot temps.
- Reclaimed Materials
 - CM/GC targeting 90% materials recycle and reuse
 - Possible donation of certain materials to other agencies

Sustainability cont.

- Equipment fuel selection
 - Maximize biodiesel use within equipment warranty levels
- Green power use for construction trailers
- Other items to research
 - Tugboat emissions

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Project Dashboards for October and November 2011

Dashboard Highlights

- Design is on schedule
 - 90% milestone plans due Jan 6, 2012
 - 100% landslide plans due Jan '12
 - 100% condominium plans due Jan '12
- CM/GC Activities on schedule
 - Preparing for Shoo-fly construction in early Dec '12
 - On-going GMP pricing
- Right-of-way
 - On schedule for necessary ODOT certification



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Project Diversity Update and Dashboard

Group AGB Role and Responsibility

- Coordination of the owner's diversity oversight program
- As Diversity Coordinator, I will be focused on meeting the County's Diversity Program in compliance with the Multnomah County Sellwood Replacement Bridge Diversity Plan.

Current Activities

- EWA: Shoo-fly Detour Bridge
 - Anticipated Construction December 2011
- EWA: Condominium Alterations
 - Anticipated Construction March 2012
- EWA: Landslide Mitigation, Tree Clearing, and
 - Anticipated Construction NTP March 2012
- GMP/Remaining Contract
 - Anticipated Construction June 2012

Current Activities

EWA : Condominium Alterations – DMWESB Small General Contractor Package- Approx \$1.2m

- Erosion Control Measures
- Demolition
- Framing
- Sheetrock
- Electrical
- HVAC
- Insulation
- Plumbing
- Siding
- Painting
- Metal Roofing
- Gutters
- Earthwork and Storm Drainage
- Misc. Concrete
- Decorative Fencing
- AC Paving
- Striping
- Landscaping & Irrigation, Access Control (Security)

Current Activities

EWA: Landslide Mitigation, Tree Clearing, and Temporary Steel Items Procurement

- Concrete (DMWESB Bid)
- Drilled Shafts (Open Bid)
- Earthwork (DMWESB Bid)
- Erosion Control (DMWESB Bid)
- Reinforcement (DMWESB Bid)
- Tiebacks (Open Bid)
- Landslide Monitoring
Instrumentation (Open Bid)

Schedule of Bid Opportunities

	October	November	Early December	Late December	Early January 2012	Late January 2012	Early Feb	Late Feb	Early March	April	May
Scope											
ShooFly	Outreach	Awarded									
Landslide		Early Outreach -Community Organization	Early Outreach -Community Organization	Head up Notification	Prebid meeting	Bid Due	Award		Start		
Condo			Early Outreach -Community Organization	Early Outreach -Community Organization	Head up Notification	Prebid meeting	Bid Due	Award	Start		
Main Package						Early Outreach -Community Organization	Head up Notification	Prebid meeting	Bid Due		

Outreach to Community Organizations

- Slayden/Sundt will be doing outreach (in person) at OAME, NAMC, and at SB-GO (Small Business Growth Opportunity Council).
- Native American Chamber, the Hispanic Chamber, and NAWIC will also be made aware of the opportunities on the project.



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Project Diversity Dashboard

Purpose of Dashboard

- Provide snapshot of overall project and diversity achievements
- Communicate any significant issues and action that are addressing the issues(s)
- Identify upcoming events or milestones

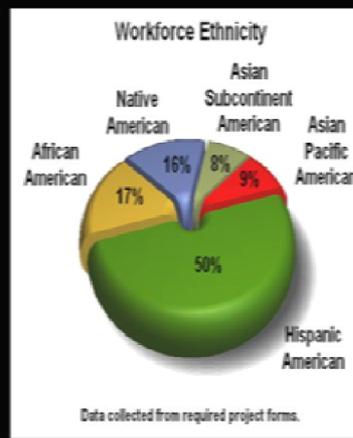
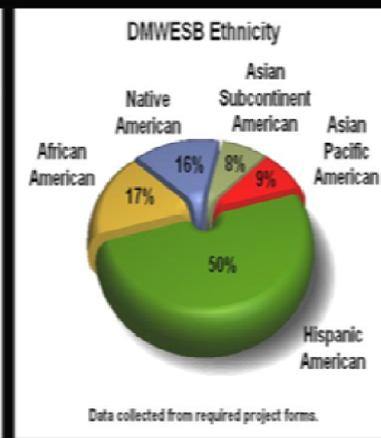
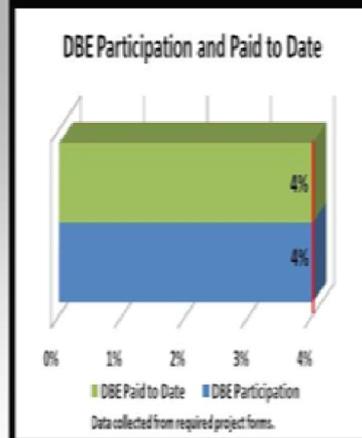
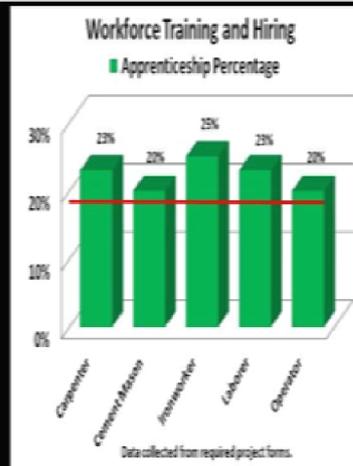
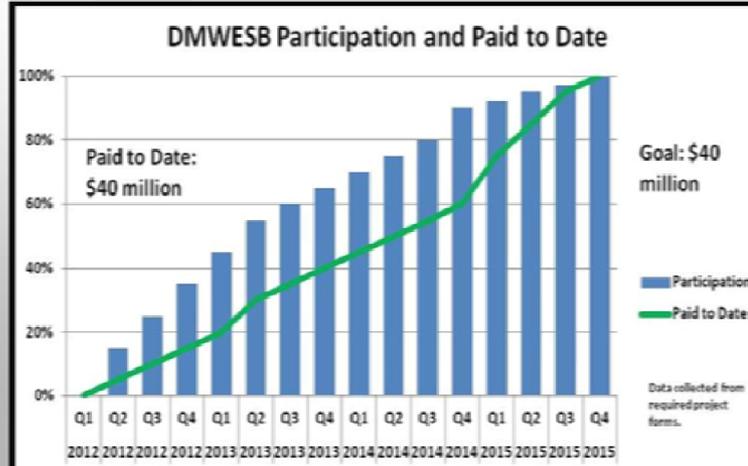
Dashboard Data Input

- All dashboard data will be collected, monitored, and reported monthly.
- DMWESB data will be collected from required Federal and Multnomah County forms.
- Workforce and Women and Minority data will be collected from required Federal and Multnomah County Workforce forms.

Sample Sellwood Bridge Replacement Diversity Dashboard



October 2011 Sellwood Bridge Replacement Diversity Dashboard



Recent Awarded Subcontractors

Contractor	Contract \$
ACE Private Security	\$154,532.26
Alcantar	\$38,797.44
Allwest Underground	\$13,914.79
Alpha Graphics	\$1,002.09
C&L Metal Sales	\$648,954.82
CEC Security Services	\$62,104.50
Coast Industries	\$3,770.55
COAT Flagging	\$103,275.50
D & H Flagging	\$17,013.64

Data collected from Slayden/Sundt.



Sample Sellwood Bridge Replacement Diversity Dashboard



October 2011 Sellwood Bridge Replacement Diversity Dashboard

Success Stories

- May include stories about Small General Contracting Mentoring Program, Individual Contractor Capacity Growth, Apprentice Graduation, and Technical Assistance from MCIP.

Issues Addressed

- Detailed explanation addressing any yellows or reds in graphs on page 1 of dashboard.

Upcoming Events

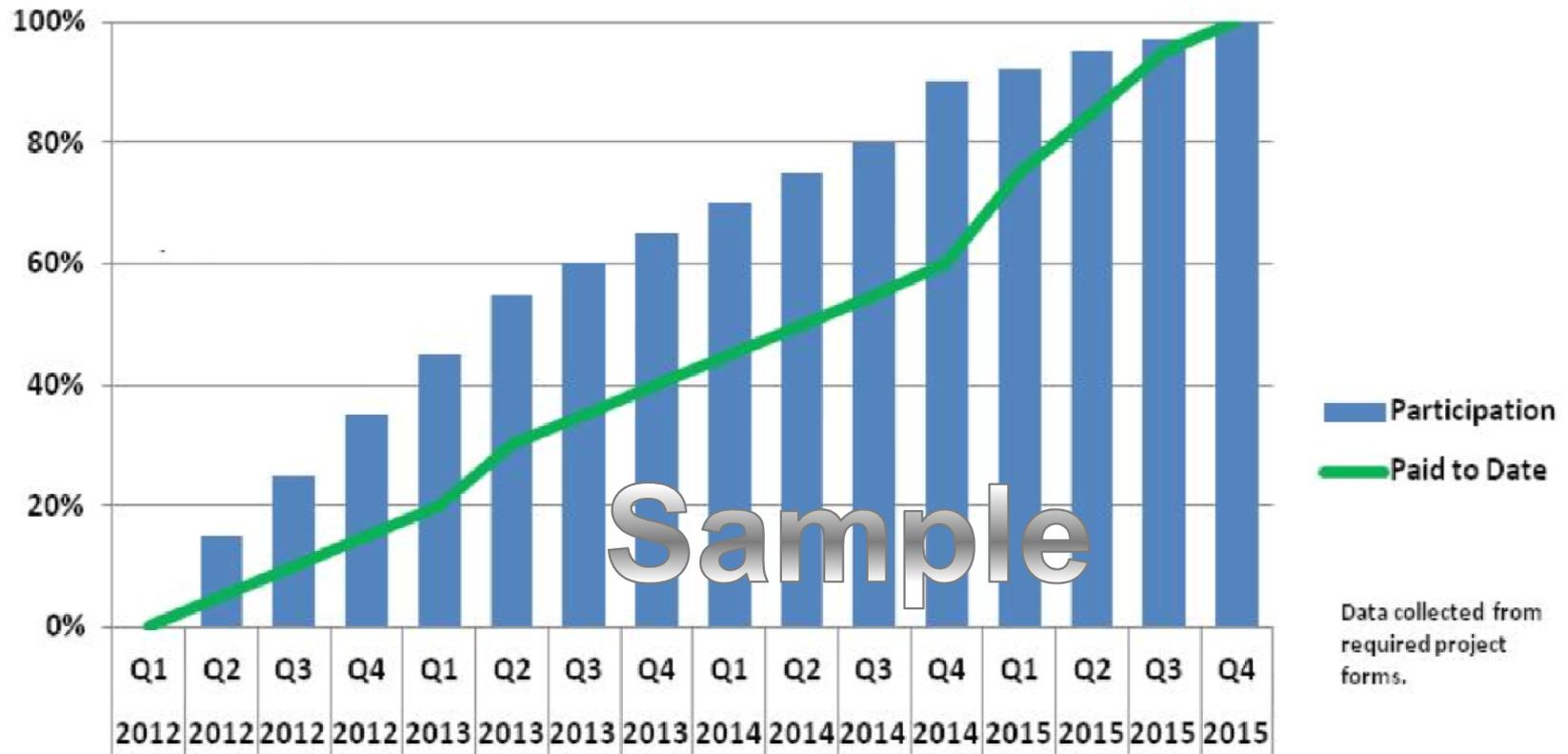
- May include upcoming bids, milestones, and participation.



Cumulative Construction Data as of 10/31/2011
Produced by Group AGB, Ltd.



DMWESB Participation and Paid to Date



- Displays Disadvantaged, Minority, Women, Emerging Small Business (DMWESB) paid to date against DMWESB awarded contracts by quarter and year.

Workforce Training and Hiring

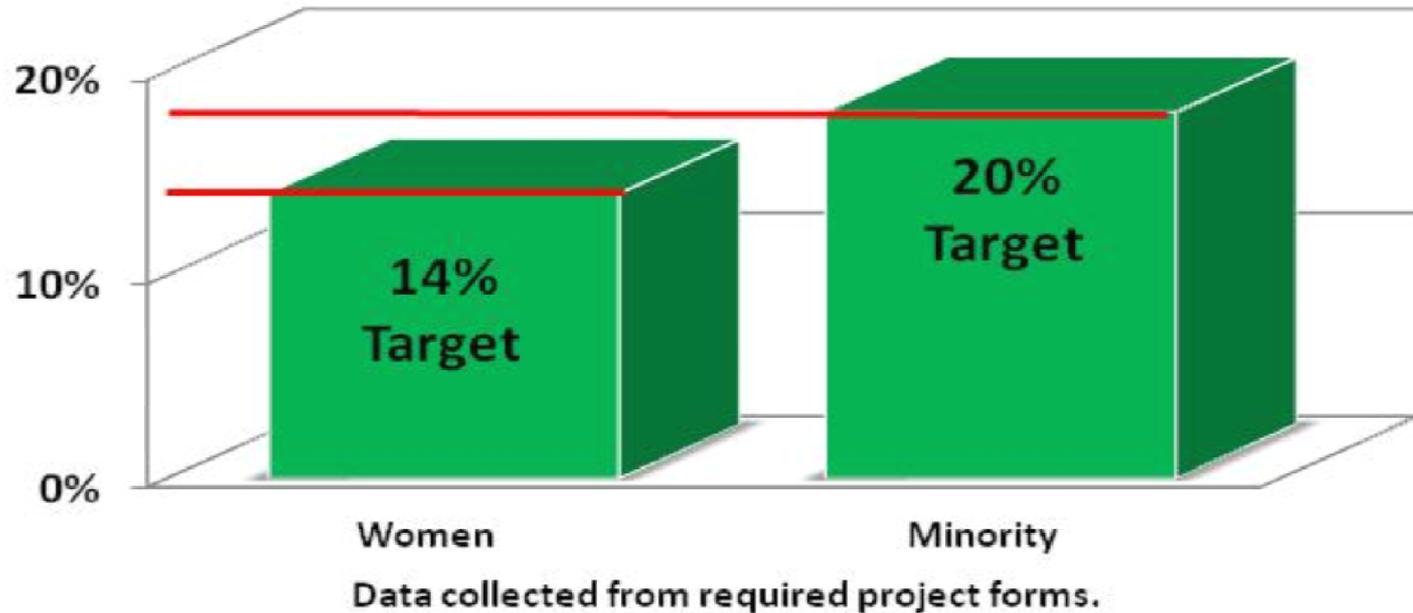
■ Apprenticeship Percentage



- Displays overall project apprenticeship percentages by trade.
- **Green** columns indicate apprenticeship percentage is being met. **Yellow** indicates apprenticeship is below goal and actions are being taken to meet goal. **Red** indicates significant variance against goal and a Corrective Action Plan is being implemented.

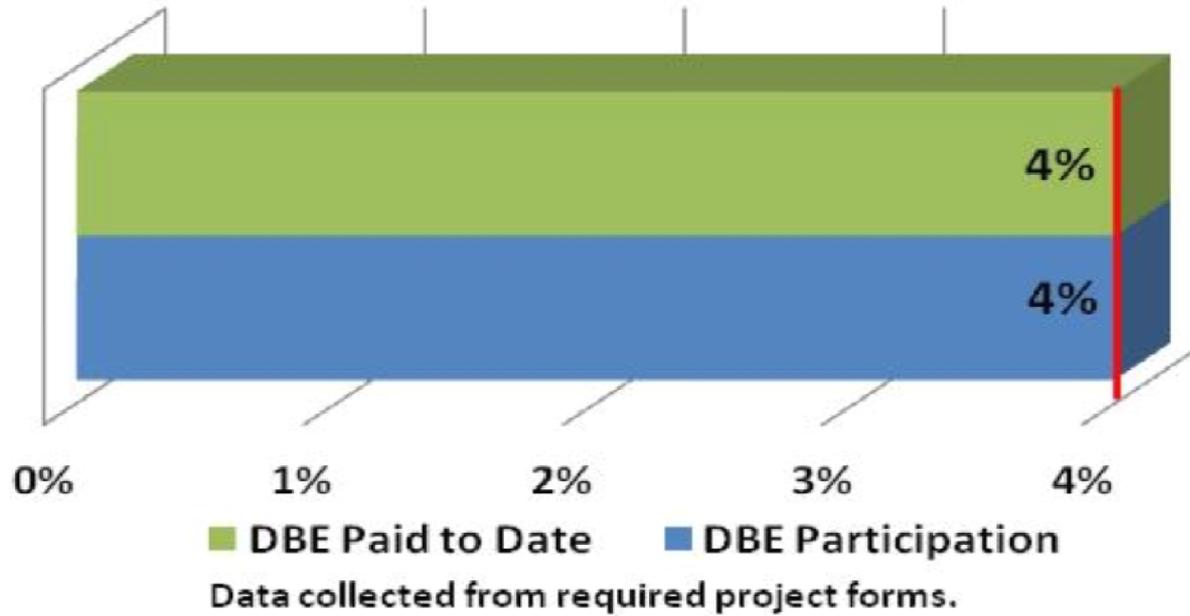
Women and Minority

■ Total Participation

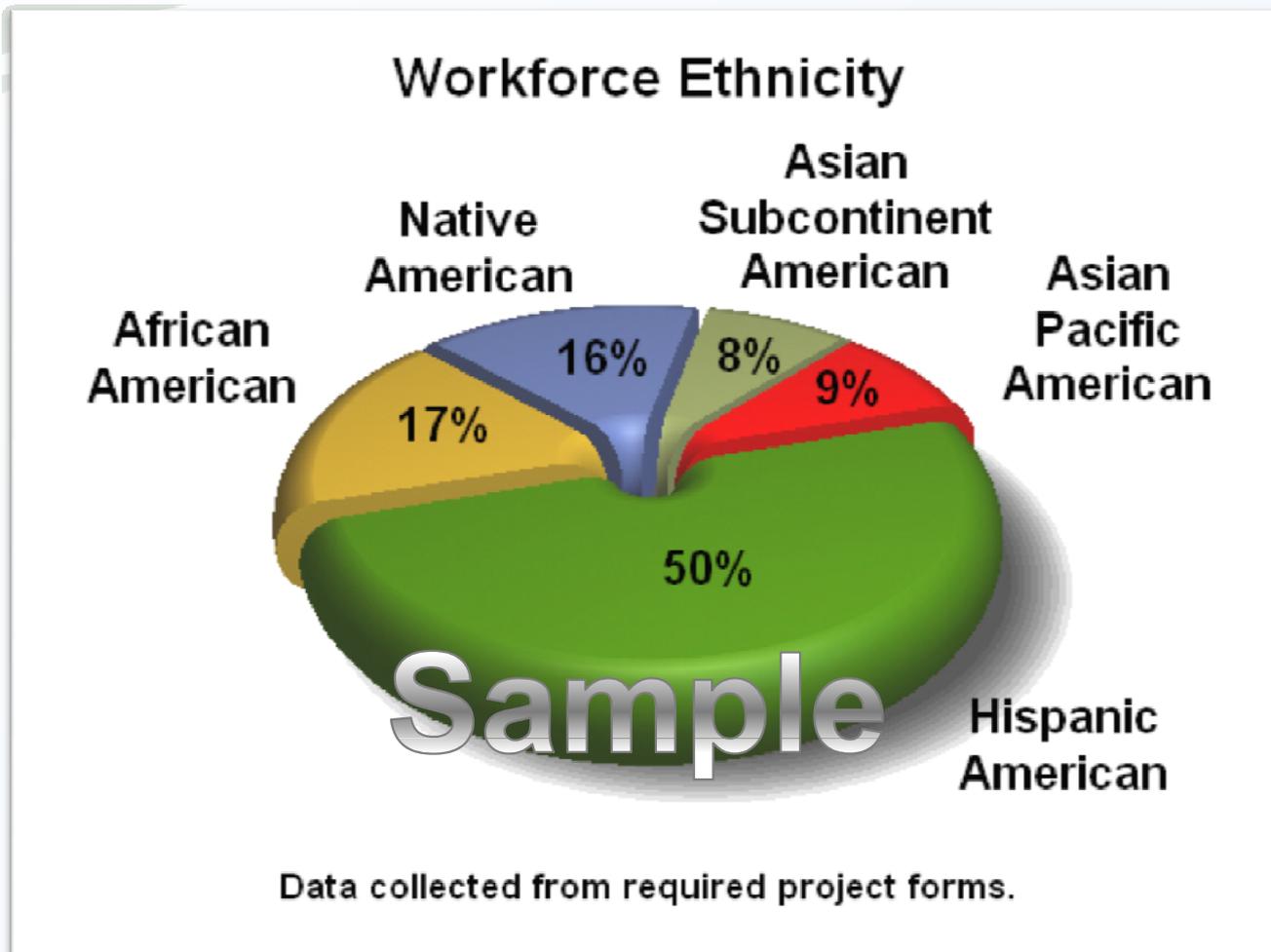


- Displays overall project Women and Minority Participation.
- Green columns indicate participation targets are being met. Yellow indicates participation is below goal and actions are being taken to meet goal. Red indicates significant variance against goal and a Corrective Action Plan is being implemented.

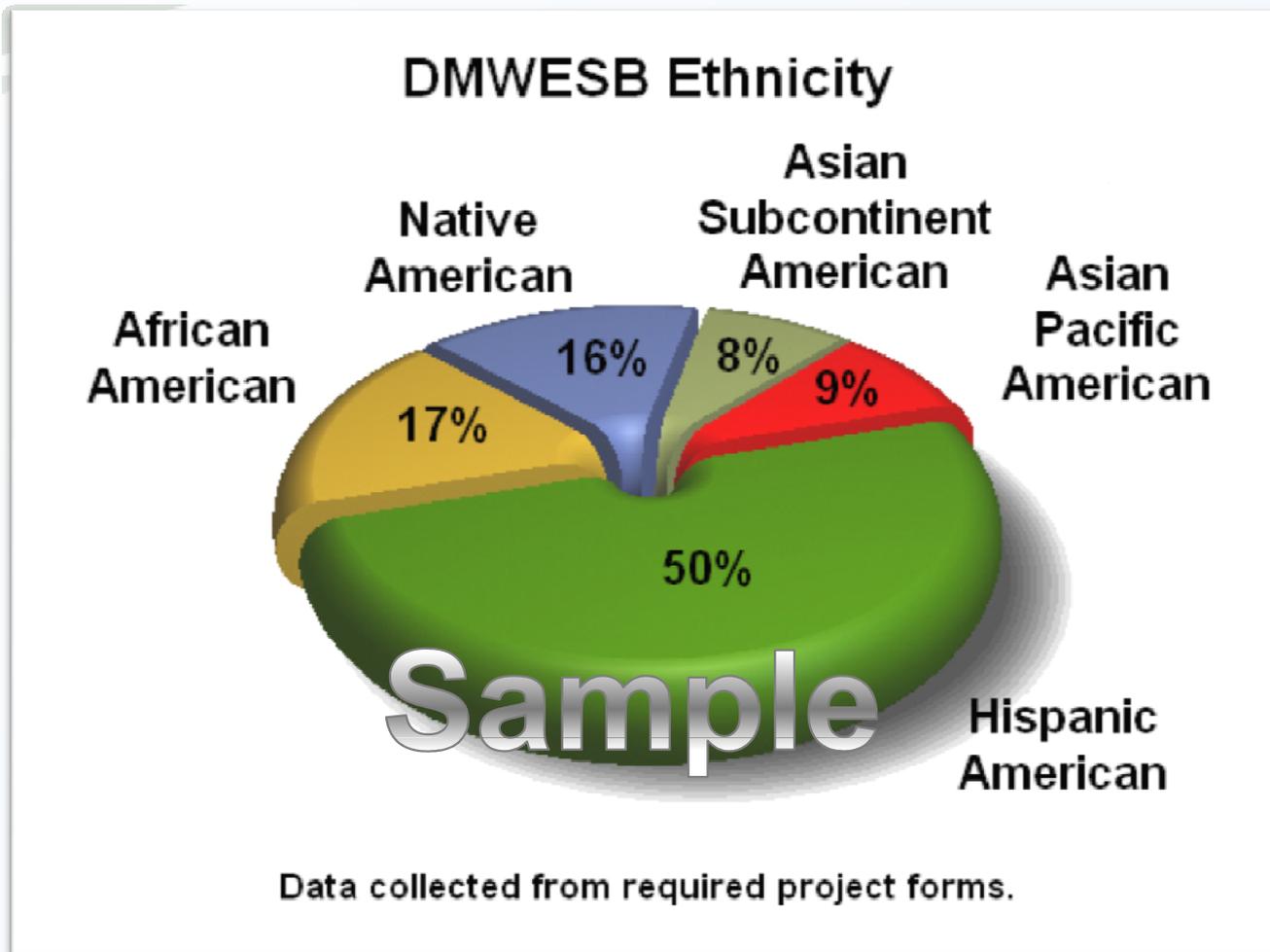
DBE Participation and Paid to Date



- Displays Disadvantaged Business Enterprise (DBE) paid to date against DBE awarded contracts, with 4% target.



- **Displays Workforce Ethnicity by Race**

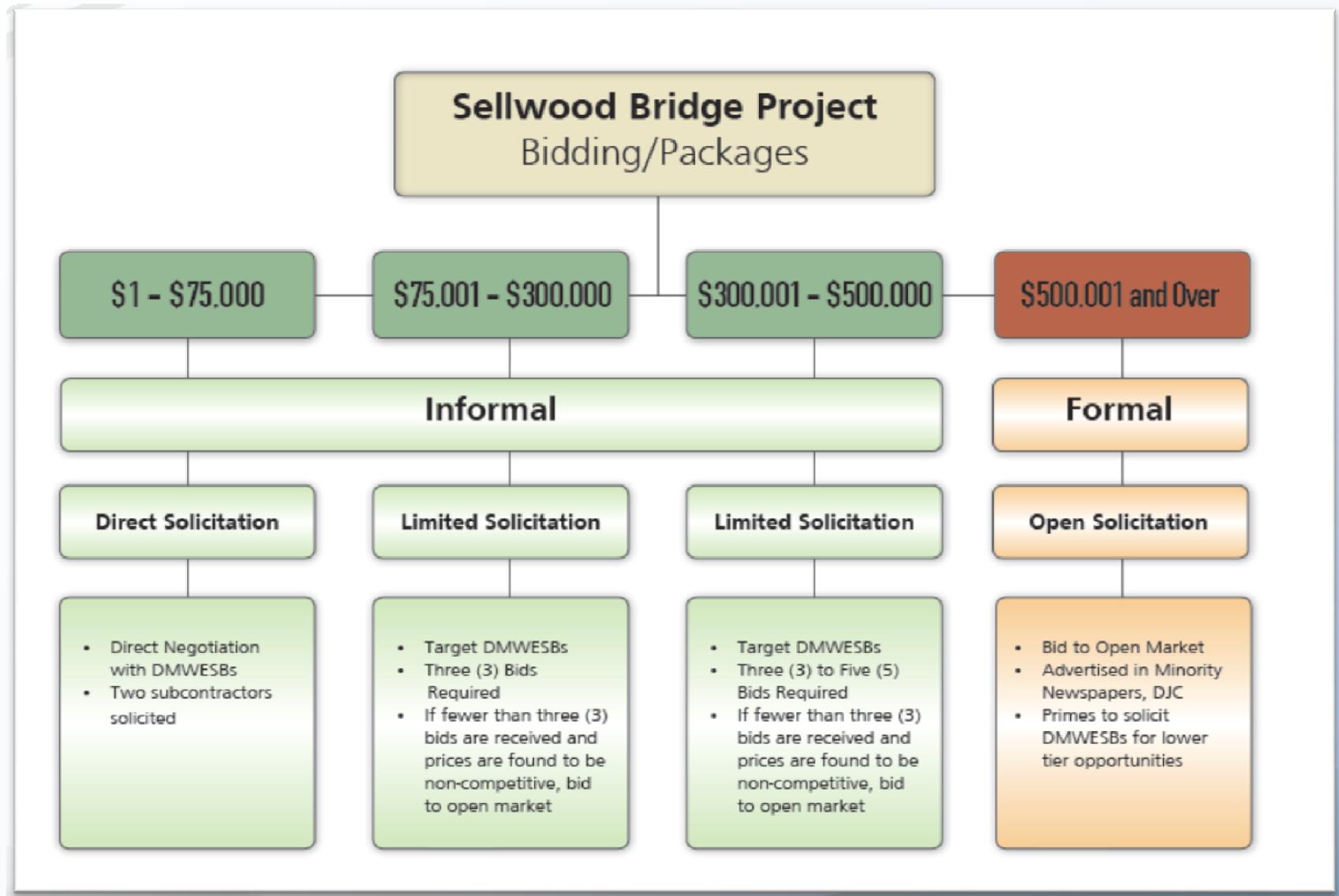


- **Displays DMWESB Ethnicity by Race**

Subcontracting Plan

- DMWESB Target 20%
- Apprenticeship 20% by Craft for contracts > \$100,000
 - Adopted Multnomah County Workforce Training and Hiring Program.
- Diversity
 - 14% Women
 - 20% Minority

Subcontracting Plan - Procurement



Shoo-fly Amendment Overview

- Specialized nature of this work limited DMWESB and other subcontracting opportunities
- CM/GC shifted over \$200K of shoring work slated for self-performance to increase DMWESB opportunity
- CM/GC adding additional DMWESB staff for outreach

Contract Items	Values (\$million)	Notes
Overall Value	\$18.4	
CM/GC labor, materials, bonds & insurance	\$16.37	Incl. \$1.9m for bonds/insurance
All Subcontractors	\$2.03	11% of 18.4 mill
DMWESB subcontractors	\$1.37	7.4% of \$18.4 mill

Recent Awarded

Subcontractors/Suppliers- EWA Shoo-fly

AD Traffic Control Services*	\$99,500
Cascade Fire Protection	\$26,020
CBK Constructors*	\$57,483
Champion Sweeping*	\$37,948
Coast Industries*	\$33,478
Condon Johnson	\$312,381
KE & Associates*	\$13,970
KT Contracting*	\$129,181
McDonald Excavating*	\$453,490
MSD Construction*	\$78,375
Omega Morgan	\$254,450

Pacificmark Construction*	\$1,358
Quality One Inspection	\$52,022
R2M2	\$13,373
Ralph's Concrete Pumping	\$3,553
Star Concrete Services*	\$13,499
Staton Companies*	\$72,980
Storie & Associates*	\$71,470
Thurston & Associates	\$105,526
Tri-Star Electric*	\$103,755
Vancouver Paving*	\$97,800

* DMWESB subcontractor

Low Bid Process

Data collected from Slayden/Sundt

Questions



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**January BCC Briefing
Look Ahead**

January BCC Briefing

- Shoo-fly Construction Update and Look Ahead
- Status of next early work packages
 - Landslide stabilization
 - Condominium demolition and alteration
- Update on Project Funding and Cost
- Project Dashboard