

WSDOT Apprenticeship Utilization Advisory Committee Meeting Summary

December 4th, 2018

1:00 PM – 3:00 PM

Greater Tacoma Convention Center, North Boardroom

Attendees: **Committee Members Present:** Chris Christopher, Terry Tilton, Jerry Vanderwood, Chris McClain, Larry Jacquot

Committee Members Absent: Mark Riker, Josh Swanson, Billy Wallace, Pamp Maiers, Dean Smith, Tom Zamzow

Other Attendees: Denys Tak, Heidi Jensen, Jane Rockwell, Andrea Dahl, Michael Carpenter, Jolene Skinner (LNI), Valerie Whitman (Max J. Kuney)

Welcome and Introductions

Heidi Jensen and Chris Christopher welcomed everyone and had everyone introduce themselves. Heidi then went over the safety procedures and location of restrooms, before asking if anyone had any additions they would like to add to the agenda. Nobody had any additions.

Legislature Update

Chris began the discussion of the upcoming legislature update. The group all agreed that the committee is the appropriate place to discuss new bills before presenting them to legislature to provide an opportunity for this advisory group to tackle issues ahead of time. Chris McClain asked if there was language regarding the prime contractor/subcontractor list at bid time, and asked that it be required within one hour of bid opening to eliminate 'bid shopping'. This would also help identify the scope of work and the need for apprentices in the trades identified in the scope of work. Denys informed the group that the only time we require the prime contractors to provide their list of subcontractors, other than mechanical (HVAC) and electrical subcontractors per state law, is if a contract contains federal funds. Federally funded contracts require a list of condition of award DBE subcontractors at the time of bid.

Terry Tilton requested information on the upcoming budget. Chris informed the group of the Supreme Court mandated Fish Passage/Culvert Replacement Program, and that WSDOT had originally submitted a plan to have the program complete within 50-75 years. The Supreme Court came back and told WSDOT that the Program needs to be 90% complete by 2030, which would mean 450-500 of the crossings opened, or 40-50 complete per year. The program is estimated to cost between 3 billion and 3.5 billion dollars. Currently, there is no money appropriated for the program currently, and we will need a revenue source to complete the Program. Terry asked what percentage of the Program is complete, but WSDOT did not have this data available. Chris explained between Connecting Washington and Fish Passage WSDOT has the problem of 'how do we deliver, and how do we pay for everything?'. The group discussed the challenges of the Fish Passage Program, including the short fish window, working during the prime construction season for other mainline jobs (June – October), the work being performed during fire season, and the isolated location of some of the work. The group

discussed alternate methods of delivery, including Design/Build, Bid Build, and bulk culvert construction. Discussion of extended permitting windows was brought up as a suggestion.

Jolene Skinner (LNI) spoke to the Release of Retainage, in that she has seen several Fish Passage projects in particular delayed in the Release of Retainage because of incorrect risk classifications. Valerie Whitman (Max J. Kuney) explained to the group that the risk classifications can be confusing for Prime Contractors on abnormal or unconventional construction jobs, in that they don't perform the type of work very often. In April, there will be new wage lookup tools regarding Prevailing Wage and Risk Classifications on LNI website so the user can cross reference risk classification and trade.

Other topics discussed were the WSDOT Preservation Program, and there has been new discussion of the Columbia River Crossing, between Washington and Oregon.

Jane Rockwell discussed the PASS Program. Currently there is 1.5 million funded through this biennium, and Jane and Michael Carpenter have submitted a funding request for 3 million for the next biennium.

Program Update

Heidi discussed the current state of the WSDOT Apprenticeship Program, showing the completed projects through 2018 achieved 18.6% apprentice utilization. 5 reports were handed out at the beginning of the meeting, and she explained each report.

The five reports were:

- *Overall WSDOT Apprenticeship/Journeymen Participation Summary for Completed Projects 2016-November 2018*
- *WSDOT Apprenticeship/Journeymen Participation Summary – Completed Projects – Current Year*
- *WSDOT Contracts Meeting Apprenticeship Requirements – Completed Projects 2016 – November 2018*
- *WSDOT Apprenticeship/Journeymen Participation Summary – Active Projects*
- *Apprenticeship Occupation By Trade*

The reports show that overall we are achieving 18.6% during the current year for completed projects, and Heidi explained that this percentage is attributed in part of 8066, which achieved 20%, and had more than average hours. Overall for the current projects, we are at 17%, however, there are a couple of large projects that could sway our current percentage either way. Terry asked about the company that went out of business and wanted to know if they truly went out of business or if they simply changed their name. Heidi explained that they did in fact go out of business, and WSDOT had to work with LNI to complete the project in terms of documentation. Jerry asked what the definition of 'Small Business' was. Heidi and Denys explained that they are businesses that could be small or classified as MSVWBE or DBE. Valerie asked about mandatory passing down the utilization requirement to the subs, and that a lot of the smaller 'ma and pop' subs don't/won't comply. Jolene told the group that 75% of all subcontractors can be classified as small businesses.

Chris explained that tracking subcontractor's share of apprentice utilization would not be feasible for WSDOT, and that the good faith effort process and documentation requirements are extensive. The group discussed that more contracts are meeting the apprenticeship utilization by submitting good faith efforts, and this could be a sign of the labor shortage in Puget Sound.

Valerie told the group that other owners also have requirements, and that Sound Transit requires 20% utilization, and 1 out of 5 apprentices need to be from a Pre-Apprentice Program.

Terry informed the group that a new Carpenters facility will be coming to DuPont and discussed the Pre-Apprentice Program. Terry asked if 9028 was a Tribal contract with TERO commitments, however, WSDOT is unsure of this. Denys explained why 7999 on the active contracts list was not reporting any hours. The contractor has pulled all their reports and is double checking to ensure the reports are accurate. They were reporting 14.6% prior to removing all hours, and want to make sure that they are only reporting Journeyman hours and not supervisor hours.

The occupation/trade hours report was discussed, and Heidi asked the group if WSDOT could stop producing the report. Heidi and Denys explained that the report doesn't necessarily give any value in that the percentages of trades never change due to the large number of hours on the report. The committee agreed that the report doesn't provide value. Jolene stated that LNI might be able to look at it and try and create something similar that could have a date field, so it could provide value for current calendar years.

Presentation of L&I's PWIA System

Jolene presented that there will be a major overhaul to their system within the next 7 months, and that they are included in Phase 3 Enhancements. They are planning on implementing apprentice utilization tracking into their PWIA system. Since 2015, contractors have been able to voluntarily upload certified payroll into the system, and they will now be able to bulk upload these payrolls. Jolene walked the group through the handout she provided and the timeline of all the new rollouts. LNI will be adding several new tabs, including Apprentice, OMWBE, Reports, and Debarments, and a Messaging tab. There will also be a place to upload documents. Chris and Denys asked if the contractor will still be required to report payments through B2GNOW and LNI or if they will only need to report payments on one system. Jolene explained they will still be required to report payments through B2GNOW and that LNI only tracks when Intents and Affidavits are submitted. Valerie brought up that when a certified payroll is uploaded it includes everyone, including foremen, superintendents, etc., and there would be no way to differentiate between Journeymen hours and supervisor/foreman hours for apprentice reporting purposes. Jolene said she would look into this issue. HB 1849 was discussed, and takes effect 1/1/2020 and includes incentives/disincentives for contractors. The question of what the cost will be to meet utilization was asked, as well as where the money will come from to incentivize for achievement.

Jane asked if there would be a way to get Pre-Apprentice tracking included in LNI's new system, and informed the group that there is currently no way to track where a Pre-Apprentice ends up once they graduate the Pre-Apprentice Program. Jolene said she would look at this as well.

Jolene explained that ARTS 2.0 is launching in June, and explained there is training for contractors available for the new contractor training requirements taking effect 7/1/19. This training can be done in person or through LNI website.

PASS Grant Update

Jane explained WSDOT is in the second year of the current biennium ('17-'19) and is requesting 3 million funding for '19-'21. They have removed the word 'Grant' from the Program, because it sounds like Federal Funding, when in fact it is State Funding. They have also changed tiers to service levels within

the program. Currently approximately 40% of Pre-Apprentices journey out and they are focusing more on Retention and Mentorship within the program. They are trying to identify barriers that are prohibiting graduation such as child care, gas, housing, transportation, tools, etc. There are currently 6 contract awardees of funding and Jane is hoping to obtain more. Pre-Apprentices are currently registered through WEBS. Jane informed the committee that she is available if anyone is having a hard time obtaining apprentices and would like to get her name out. She is currently listed on WSDOT apprenticeship webpage. Terry inquired if the increase of funding was permanent or for the next biennium only. Jane informed the group the new funding would be for the next biennium.

Next Meeting Schedule and Topics

Heidi proposed the next meeting date of June 4th, 2019, in Lakewood at the Maintenance Facility. Everyone agreed and the time was set at 1:00 PM to 3:00 PM. Heidi introduced Larry Jocquot as the newest member of the committee, and he represents small business of 35 or fewer employees.

Apprenticeship Advisory Committee Agenda

December 4, 2018

1:00 – 3:00 PM

Committee Members:	Chris Christopher	WSDOT (chair)
<u>Labor</u>	Chris McClain	Iron Workers
	Mark Riker	WA Building Trades
	Josh Swanson	Operating Engineers
	Terry Tilton	Pacific NW Council of Carpenters
	Billy Wallace	District Council of Laborers
<u>Contractors</u>	Pamp Maiers	Central WA Asphalt
	Dean Smith	Lakeside Industries
	Tom Zamzow	Parsons Construction
	Jerry Vanderwood	AGC
	Vacant	

WSDOT Staff: Craig McDaniel, Denys Tak, Heidi Jensen, Jane Rockwell, Jon Deffenbacher, Andrea Dahl, Michael Carpenter

Guest: Jody Robbins – Labor & Industries

Welcome/Introductions	1:00 PM	Heidi
<ul style="list-style-type: none">Review agenda, Safety		
Upcoming Legislative Session	1:15 PM	Chris
Program Update	1:25 PM	Heidi/Andrea
<ul style="list-style-type: none">Overall WSDOT Apprenticeship/Journeymen Participation Summary for Completed Projects 2016 – November 2018WSDOT Apprenticeship/Journeymen Participation Summary – Completed Projects – Current yearWSDOT Contracts Meeting Apprenticeship Requirements – Completed Projects 2016 – November 2018WSDOT Apprenticeship/Journeymen Participation Summary – Active ProjectsApprenticeship Occupation by TradeAdvanced Schedule of Projects located at: http://www.wsdot.wa.gov/biz/contaa/ASOP.pdf		
Presentation of L&I's PWAC System	1:55 PM	Jolene
<ul style="list-style-type: none">Changes made to existing system for apprenticeship utilization Reporting		

Pass Grant Update	2:35 PM	Heidi
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- Upcoming PASS Cycle

Next Meeting Scheduling and Topics

2:45 PM

Heidi

- Action Items

Adjourn/Schedule Next Meeting

3:00 PM

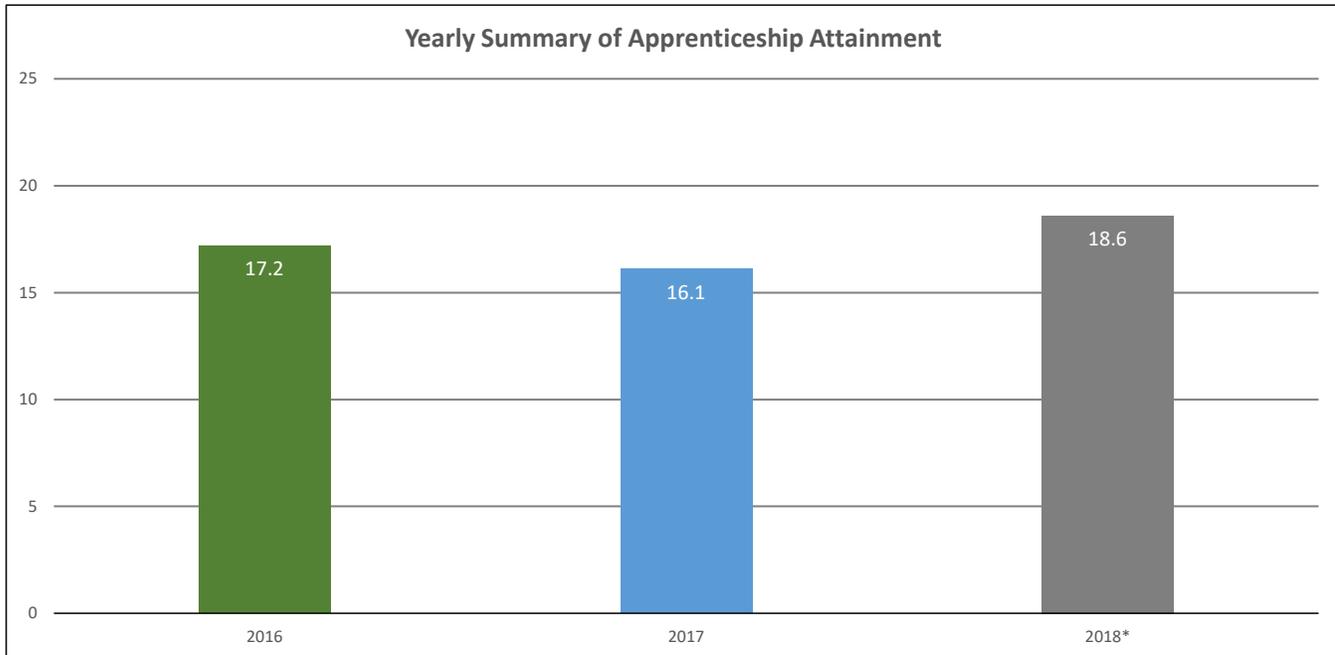
Heidi

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Overall WSDOT Apprentice/Journeymen Participation Summary for Completed Projects 2016 - 11/2018



Total Number of Completed Contracts	120	
Number of Contracts that met the requirement through Apprentice Labor Hours	87	72.5%
Number of Contracts that met the utilization requirement through GFE	21	17.5%
Number of Contracts that did not meet the requirement	12	10.0%
Contracts that have met the apprentice utilization Requirement through Good Faith Effort Attainment or by Utilization Labor Hours	108	90.0%
Total Apprenticeship Hours	1,528,772	17.6%
Total Journeyman Hours	7,168,135	82.4%
Total Contracted Hours	8,697,116	
Total Apprenticeship Attainment 2016 - Current	17.3%	



*The 2018 data reflects projects completed through November 2018 and includes a large, multi-season contract that contributed to a significant increase in the overall percentage attained.

WSDOT Apprentice/Journeymen Participation Summary - Active Projects Through November 7th, 2018



Contract Number	Contract Title	City	Contractor Name	Design Build or Bid Build	Notice To Proceed	Bid Amount	Amount Paid	Complete	Apprentice Hours	Journeyman Hours	Apprentice %	Apprentice % Female	Apprentice % Minority
007963	SR 520, Eastside Transit and HOV Project	Bellevue	Eastside Corridor Constructors	Design Build	11/29/2010	\$306,278,000	\$364,131,001	100%	156,648	989,543	14%	17%	26%
*007999	Sr 99, Bored Tunnel Alternative - Design Build Pro	Seattle	Seattle Tunnel Partners	Design Build	01/06/2011	\$1,089,700,002	\$1,459,820,671	100%			0%	0%	0%
008127	I-90, Snowshed To Keechelus Dam Phase 1c - Replace	Easton	Guy F. Atkinson Construction, Llc	Bid Build	08/19/2011	\$177,144,343	\$196,758,487	100%	76,634	425,176	15%	13%	22%
008376	Us 101, Shore Rd To Kitchen-Dick Rd Widening	Port Angeles	Scarsella Bros., Inc.	Bid Build	12/11/2012	\$27,069,690	\$28,336,804	100%	19,006	83,887	18%	19%	23%
008400	Sr 92 / I-90, Intersection Improvements & Regionwi	Multiple	Graham-Marshbank Jv	Design Build	04/16/2013	\$7,131,691	\$7,210,698	100%	4,696	31,761	13%	20%	22%
008549	Sr 99, Alaskan Way Viaduct - Replacement North Acc	Seattle	Guy F. Atkinson Construction, Llc	Bid Build	01/24/2014	\$41,640,623	\$54,105,614	100%	35,662	159,495	18%	5%	53%
008560	SR 9, 32nd ST SE & 84th ST NE - Safety Improvement	Lake Stevens	Rodarte Construction, Inc.	Design Build	03/18/2014	\$5,699,005	\$5,705,879	100%	3,895	21,112	16%	0%	46%
008607	I-5, M ST To Portland AVE - HOV	Tacoma	Max J. Kuney Company	Bid Build	07/01/2014	\$98,175,444	\$116,510,000	100%	91,739	404,025	19%	6%	23%
008625	SR 520, Montlake To Evergreen Pt. Bridge West Approach	Seattle	Flatiron West Inc	Bid Build	08/20/2014	\$199,537,371	\$206,167,688	100%	137,768	549,918	20%	20%	31%
008662	Two-Way Transit & Hov Operations Stage 3	Seattle	Imco General Construction, Inc.	Bid Build	12/03/2014	\$120,105,661	\$126,095,479	100%	95,253	337,104	22%	8%	20%
008665	SR 167 / 8th ST E Vic To S 277th ST Vic - Southbound	Federal Way	Guy F. Atkinson Construction, Llc	Design Build	12/30/2014	\$53,999,888	\$55,042,852	100%	26,702	150,270	15%	22%	34%
008670	I-5, Portland Avenue To Port Of Tacoma Road - Northbound	Tacoma	Hamilton Construction Co	Bid Build	12/22/2014	\$134,709,930	\$142,549,121	100%	88,853	522,882	15%	13%	71%
008703	I-90, Columbia River Vantage Bridge - Painting	Ellensburg	Abhe & Svoboda, Inc.	Bid Build	03/23/2015	\$6,711,770	\$6,713,529	100%	3,782	19,557	16%	26%	28%
008738	SR 290, Sullivan Rd To Idaho State Line - Paving	Spokane	Poe Asphalt Paving, Inc.	Bid Build	05/12/2015	\$3,700,981	\$3,744,345	100%	3,198	11,472	22%	14%	22%
008760	SR 3, Belfair Area - Widening & Safety Widening	Belfair	Ceccanti Inc	Bid Build	06/16/2015	\$10,255,073	\$11,708,707	100%	6,032	45,288	12%	46%	0%
008795	SR 532, Davis Slough Bridge Replacement Duguala	Camano Island	Trimaxx Construction	Bid Build	08/19/2015	\$4,209,170	\$4,277,908	100%	2,059	6,295	25%	0%	30%
008816	I-5, SB S 320th St To Duwamish River Br - Concrete	Tukwila	Mid-Mountain Contractors, Inc.	Bid Build	01/11/2016	\$20,471,129	\$21,035,074	100%	14,118	83,095	15%	23%	49%
008830	SR 522, Snohomish River Bridge To Us 2 Vic Roadside	Monroe	A-1 Landscaping And Construction	Bid Build	02/08/2016	\$2,987,786	\$3,031,904	100%	804	6,016	12%	0%	82%
008840	I-5, Fisher Creek - Fish Passage	Milltown	Interwest Construction Inc	Bid Build	04/01/2016	\$5,358,535	\$5,479,532	100%	3,949	20,019	16%	0%	22%
008842	US 12 Et Al, Tri-Cities Vicinity Paving & ADA Comp	Pasco	Central Washington Asphalt, Inc.	Bid Build	03/21/2016	\$5,867,933	\$5,893,609	100%	3,539	14,792	19%	21%	45%
008847	SR 520, Union Bay Natural Area West Approach Wetland	Seattle	Matia Jansen Jv	Bid Build	04/26/2016	\$4,377,478	\$4,439,510	100%	1,026	8,174	11%	28%	8%
008865	SR 202, Little Bear Creek Fish Barrier Removal	Woodinville	Olson Brothers Excavating Inc	Bid Build	04/29/2016	\$4,995,037	\$5,136,345	100%	3,564	14,226	20%	41%	44%
008886	I-405, NE 6th ST To I-5 NB Hard Shoulder Running	Bellevue, Bothell, Kirkland, Seattle	Graham Contracting, Ltd.	Design Build	12/21/2016	\$7,290,000	\$7,546,083	100%	2,787	13,892	17%	1%	48%
008968	SR 104, Hood Canal Bridge Special Repair Gear Box	Hood Canal	Northbank Civil And Marine Inc	Bid Build	11/17/2016	\$2,643,803	\$3,264,594	100%	2,983	11,700	20%	52%	0%
008971	SR 124, Monument DR/RR Xing - Construct Bridge	Pasco	Scarsella Bros., Inc.	Bid Build	12/17/2016	\$6,442,879	\$6,630,239	100%	4,159	16,538	20%	0%	55%
008993	I-5, Mounts RD To Center DR Auxiliary Lane Extension	JBLM	Scarsella Bros., Inc.	Bid Build	01/18/2017	\$7,878,788	\$8,047,206	100%	5,772	28,250	17%	0%	7%
009031	SR 21 Et Al, 2017 Eastern Region Chip Seal	Eastern Region	Central Washington Asphalt, Inc.	Bid Build	03/22/2017	\$9,909,028	\$10,083,407	100%	4,497	15,169	23%	7%	29%
009083	US 12 McNary Pool To Old Highway 12 & Clarkston	Eastern Region	Central Washington Asphalt, Inc.	Bid Build	05/26/2017	\$5,642,697	\$5,833,355	100%	2,264	11,393	17%	19%	18%
009118	SR 525, Mukilteo Ferry Terminal (Phase 2) Trestle	Mukilteo	Orion Marine Con (Nw Marine Cns To 2011)	Bid Build	08/16/2017	\$4,648,054	\$7,386,960	100%	4,443	16,642	21%	20%	4%
009144	I-5 Et Al, NWR Cable Barrier Upgrade	Multiple	Petersen Brothers, Inc.	Bid Build	11/21/2017	\$4,428,213	\$4,448,575	100%	3,814	13,872	22%	14%	71%
009151	I-90, Floating Bridges Replace Anchor Cables	Seattle	American Bridge Company	Bid Build	11/20/2017	\$5,755,000	\$6,339,242	100%	3,242	26,249	11%	50%	18%
009177	SR 20, Sharpes Corner Vicinity Improvements MP 47.0	Anacortes	Tapani, Inc.	Bid Build	01/11/2018	\$7,224,164	\$7,446,951	100%	3,986	18,707	18%	5%	50%
009181	NCR, Pavement Rehab 2018	Multiple	Central Washington Asphalt, Inc.	Bid Build	01/31/2018	\$6,941,941	\$7,228,541	100%	4,269	14,315	23%	19%	49%
009187	US 2, Jct I-90 To Euclid AVE Paving	Spokane	Icon Materials, A Division Of Cpm Corp.	Bid Build	02/06/2018	\$4,046,000	\$4,127,320	100%	4,081	19,076	18%	0%	27%
009222	I-5, E Fork Lewis River Br To Weigh Station Vic -	Longview, Kelso	Lakeside Industries	Bid Build	04/18/2018	\$10,015,451	\$10,082,367	100%	1,269	5,024	20%	0%	8%
009227	Sr 522, Sr 9 Vic To Snohomish River Br Paving & Br	Maltby	Lakeside Industries	Bid Build	04/11/2018	\$3,748,738	\$3,872,244	100%	1,844	7,416	20%	12%	36%
009229	Sr 503 Spur-Chip Seal And, Sr 503/Rock Creek Rd To	Clark/Cowlitz Co.	Granite Construction Company	Bid Build	04/27/2018	\$5,347,347	\$5,761,563	100%	1,139	9,177	11%	0%	45%
TOTALS									829,476	4,131,527	17%	17%	26%

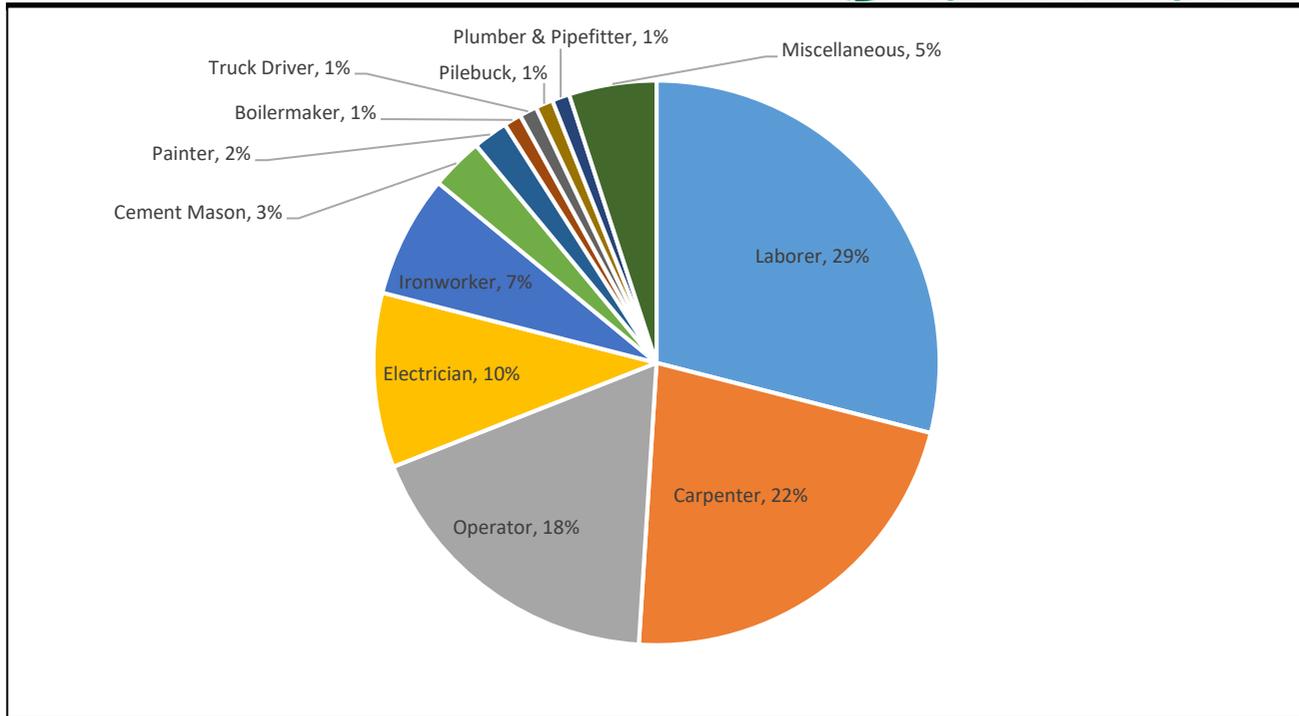
Contract Number	Contract Title	City	Contractor Name	Design Build or Bid Build	Notice To Proceed	Bid Amount	Amount Paid	Complete	Apprentice Hours	Journeyman Hours	Apprentice %	Apprentice % Female	Apprentice % Minority
009010	Sr 150, No-See-Um Road Intersection Improvements	Chelan	Strider Construction Co, Inc.	Bid Build	03/29/2017	\$5,283,745	\$5,212,093	99%	3,179	9,618	25%	0%	19%
009052	Sr 240 & Us 395/Tri-Cities Vic. - Paving, I/S Impr	Richland	Granite Construction Company	Bid Build	05/02/2017	\$6,157,323	\$6,066,255	99%	3,003	16,446	15%	34%	42%
008664	I-205, Mill Plain Interchange To Ne 18th St Build	Vancouver	Cascade Bridge, Llc	Bid Build	10/22/2014	\$24,309,057	\$23,863,988	98%	16,223	82,320	16%	10%	22%
009002	Sr 532, Church Creek - Fish Passage	Stanwood	Strider Construction Co, Inc.	Bid Build	02/07/2017	\$3,732,622	\$3,670,877	98%	1,307	6,737	16%	0%	40%
009011	Us 395, Nsc Freya St - Structures	Spokane	Max J. Kuney Company	Bid Build	02/21/2017	\$7,655,561	\$7,480,482	98%	12,108	40,287	23%	13%	26%
009053	Sr 526 Et Al, 5th Ave W Vic To I-5 Paving & Ada Co	Everett	Cadman Materials Inc	Bid Build	05/16/2017	\$3,381,312	\$3,319,021	98%	1,475	10,338	12%	8%	14%
008976	Sr 8 Middle And East Forks Wildcat Creek Remove Fi	McCleary	Ceccanti Inc	Bid Build	12/28/2016	\$10,708,835	\$10,392,067	97%	9,533	38,050	20%	16%	16%
009072	Sr 290, Mission Ave To Sullivan Rd Paving	Spokane	Icon Materials,A Division Of Cpm Corp.	Bid Build	05/18/2017	\$3,464,647	\$3,351,084	97%	1,668	8,508	16%	0%	7%
009040	I-90, N Fork Issaquah Creek Fish Passage	Issaquah	Scarsella Bros., Inc.	Bid Build	03/29/2017	\$5,186,640	\$4,977,823	96%	515	7,161	7%	3%	54%
009193	Sr 9 Et Al, Mt Baker Area Bst - 2018	Mt Vernon	Granite Construction Company	Bid Build	02/12/2018	\$7,804,095	\$7,478,102	96%	1,801	9,777	16%	14%	12%
009145	Us 195, Colfax To Spangle Add Passing Lanes Phase	Eastern Region	N.A. Degerstrom Inc	Bid Build	10/23/2017	\$4,073,200	\$3,869,780	95%	1,740	18,581	9%	11%	4%
009180	Sr 20 Spur, Sharpes Corner To Anacortes Paving & A	Anacortes	Lakeside Industries	Bid Build	01/08/2018	\$5,432,291	\$5,147,370	95%	2,781	12,957	18%	23%	14%
009170	US12, Wildcat Creek Bridge - Replace Bridge - Desi	Yakima Co.	Graham Contracting, Ltd.	Design Build	04/18/2018	\$4,799,336	\$4,521,413	94%	971	2,630	27%	0%	55%
009206	Us 12, Naches River Nelson Bridges - Bridge Painting	Naches	Liberty Maintenance, Inc.	Bid Build	03/05/2018	\$4,386,659	\$4,106,666	94%	182	3,495	5%	35%	0%
008715	I-90, Keechelus Dam To Stampede Pass Phase 2a- Add	Hyak	Guy F. Atkinson Construction, Llc	Bid Build	05/07/2015	\$72,777,532	\$67,654,999	93%	30,747	150,830	17%	13%	19%
009028	I-5, Ebey Slough Bridge To Sr 531 I/C Paving & Ada	Tulalip	Cadman Materials Inc	Bid Build	03/27/2017	\$6,847,569	\$6,381,220	93%	2,168	16,966	11%	41%	1%
009042	Sr 542 Hedrick Creek Fish Barrier	Glacier	Strider Construction Co, Inc.	Bid Build	04/12/2017	\$3,722,089	\$3,477,194	93%	2,228	11,745	16%	22%	30%
009224	Sr 21 Et Al, 2018 Eastern Region Chip Seal	Multiple	Central Washington Asphalt, Inc.	Bid Build	04/18/2018	\$8,887,511	\$8,244,365	93%	4,935	23,440	17%	14%	36%
008811	Design Build I-405, Sr 167 Interchange Direct Conn	Renton	Guy F. Atkinson Construction, Llc	Design Build	07/13/2016	\$115,899,599	\$103,506,016	89%	47,129	232,302	17%	12%	29%
009268	Sr 14, Cliffs Rd. Vic. To Wood Cr. Bridge Pavement	Klickitat Co.	Columbia Asphalt & Ready Mix	Bid Build	06/05/2018	\$3,029,040	\$2,685,701	89%	144	3,475	4%	0%	100%
009036	I-90, 468th Ave Se To W Summit Rd Concrete, Deck,	North Bend	Imco General Construction, Inc.	Bid Build	04/05/2017	\$27,799,359	\$24,343,077	88%	13,052	104,895	11%	14%	37%
009260	Sr 285, Wenatchee Area Paving And Ada Compliance	Wenatchee	Central Washington Asphalt, Inc.	Bid Build	06/05/2018	\$6,069,307	\$5,330,102	88%	895	3,553	20%	0%	26%
008992	I-5, Nb S 260th St To Duwamish River Br Concrete P	SeaTac	Gary Merlino Construction Co., Inc.	Bid Build	02/07/2017	\$30,811,329	\$26,834,633	87%	8,803	50,841	15%	3%	43%
009058	I-82, Columbia River Bridge Eb - Truss Deck Replac	Plymouth	Max J. Kuney Company	Bid Build	05/11/2017	\$9,467,595	\$8,174,308	86%	3,812	8,533	31%	0%	42%
009078	Sr 518, Eb Off-Ramp To Des Moines Memorial Dr Inte	Burien	Graham Contracting, Ltd.	Bid Build	06/22/2017	\$8,230,000	\$7,087,704	86%			0%	0%	0%
008991	I-5 Chamber Way Bridge - Replacement	Chehalis	Quigg Bros. Inc.	Design Build	05/25/2017	\$10,930,002	\$9,039,241	83%	1,053	5,010	17%	48%	88%
008952	Design Build I-5, Nb Mlk Jr Way To Ne Ravenna Brid	Seattle	Guy F. Atkinson Construction, Llc	Design Build	05/31/2017	\$38,599,899	\$31,627,024	82%	12,926	76,342	14%	6%	48%
009043	Sr 529, Northbound Steamboat Slough - Bridge Paint	Everett	Abhe & Svoboda, Inc.	Bid Build	04/17/2017	\$5,743,770	\$4,696,709	82%	6,642	34,445	16%	0%	55%
009239	Sr99 & Sr509, S Cloverdale St To Duwamish River-Pa	Tukwila	Tucci & Sons, Inc.	Bid Build	05/01/2018	\$4,747,016	\$3,824,615	81%	120	2,263	5%	3%	17%
009212	Sr 18 Et Al, Wb W Valley Hwy Vic To Se 231st St -	Auburn	Tucci & Sons, Inc.	Bid Build	03/22/2018	\$6,632,869	\$5,182,841	78%	3,565	16,970	17%	13%	5%
008818	Design Build - I-5 / Sr16 Realignment - Hov Struct	Tacoma	Skanska Usa Civil West California Distri	Design Build	08/29/2016	\$121,575,000	\$91,166,691	75%	43,005	240,122	15%	12%	21%
009183	Us 2, I-5 I/C To Bickford Ave Vic Paving	Snohomish	Lakeside Industries	Bid Build	03/01/2018	\$9,542,991	\$6,717,706	70%	554	4,614	11%	14%	23%
009198	Sr 96, I-5 Interchange Vic To Sr 9 Vic - Paving &	Everett	Cadman Materials Inc	Bid Build	04/02/2018	\$6,954,956	\$4,727,545	68%	2,193	9,965	18%	45%	22%
009160	Sr 99, Alaskan Way Viaduct - Replacement South Acc	Seattle	Scarsella Bros., Inc.	Bid Build	12/26/2017	\$22,583,904	\$14,702,219	65%	7,078	22,752	24%	1%	10%
009197	Sr 508, S. Fork Newaukum River Bridge Replacement	Morton	Oregon State Bridge Construction,	Bid Build	03/05/2018	\$5,010,135	\$2,912,906	58%	770	6,132	11%	52%	32%
009184	Sr 409, Columbia River Br. At Puget Island - Paint	Cathlamet	Royal Bridge Inc.	Bid Build	02/26/2018	\$13,678,651	\$7,607,198	56%	6,076	9,942	41%	0%	99%
009168	Sr 99, George Washington Bridge Painting (Stage 2)	Seattle	Liberty Maintenance, Inc.	Bid Build	01/03/2018	\$30,851,133	\$10,916,193	35%	2,342	27,938	8%	38%	81%
009213	I-90, E Sunset Way I/C Vic To 436th Ave Vic Paveme	Seattle	Acme Concrete Paving, Inc.	Bid Build	04/03/2018	\$17,345,998	\$6,020,354	35%	2,394	8,987	21%	15%	44%
009235	I-5, Sb S Lucile St To Spring St - Pavement Repair	Seattle	Mid-Mountain Contractors, Inc.	Bid Build	05/02/2018	\$8,989,475	\$3,067,967	34%	1,200	7,431	14%	15%	78%
009214	I-90, Yakima River Bridges Cle Elum To Ellensburg	Cle Elum	Graham Contracting, Ltd.	Bid Build	04/16/2018	\$13,999,349	\$4,207,855	30%	883	7,191	11%	0%	0%
009018	Us 101 Coffee Creek - Remove Fish Barrier	Shelton	Parsons/Scarsella Jv	Design Build	11/07/2017	\$13,889,997	\$3,772,829	27%			0%	0%	0%
009231	I-5, Stillaguamish R Br To Hill Ditch Br - Pccp Re	Arlington	Graham Contracting, Ltd.	Bid Build	04/27/2018	\$16,999,349	\$1,848,264	11%	557	1,624	26%	29%	15%
009252	Us 395, Nsc - Columbia To Freya	Spokane	Acme Concrete Paving, Inc.	Bid Build	06/05/2018	\$8,217,203	\$836,384	10%			0%	0%	0%
009133	I-5, Steilacoom-Dupont Rd To Thorne Lane Corridor	Tillicum	Guy F. Atkinson Construction, Llc	Design Build	06/15/2018	\$180,895,595	\$9,235,106	5%	541	4,949	10%	43%	87%
009256	Sr 99, Roy St To N 145th St Paving & Ada Complianc	Lynnwood	Icon Materials,A Division Of Cpm Corp.	Bid Build	06/07/2018	\$15,205,157	\$479,268	3%	228	4,486	5%	0%	20%
009127	Sr 99, Awv Demolition Decommissioning & Surface St	Seattle	Kiewit Infrastructure West Co.	Design Build	06/21/2018	\$93,749,999	\$2,104,050	2%	198	1,104	15%	34%	34%
009143	Sr 530, Trafton Creek & School Yard Creek Fish Pas	Arlington	Kiewit Infrastructure West Co.	Design Build	06/20/2018	\$12,572,772	\$0	0%			0%	0%	0%
009157	I-5, Portland Avenue To Port Of Tacoma Road - Sout	Tacoma	Guy F. Atkinson Construction, Llc	Design Build	08/13/2018	\$159,875,295	\$0	0%			0%	0%	0%
009297	I-5, Sr 510 Interchange Reconstruct Interchange	Lacey	Scarsella Bros., Inc.	Bid Build	09/27/2018	\$25,935,935	\$0	0%			0%	0%	0%

Projects that have achieved substantial or physical completion

Projects that are over 50% complete and are not meeting 15% requirement by hours

*007999 - SR99 Bored Tunnel - Project was projecting 14.6% utilization. Hours have been removed while Project Office reviews hours for accuracy. Due to the large nature of this contract, hours can potentially skew overall program achievement.

Apprenticeship Occupation by Trade 2007 - November 2018



Apprentice Occupation	Total Hours Worked	Percent of Total
Laborer	1,228,759	29%
Carpenter	926,522	22%
Operator	744,810	18%
Electrician	414,994	10%
Ironworker	302,434	7%
Cement Mason	111,337	3%
Painter	92,329	2%
Boilermaker	66,841	1%
Truck Driver	54,330	1%
Pilebuck	27,500	1%
Plumber & Pipefitter	26,693	1%
Miscellaneous	225,253	5%
Total	4,221,802	100%

Occupation hours are retrieved from active and complete contracts as captured in the monthly reports submitted by the Prime Contractor. Data in this report represents all projects with apprenticeship requirements from the start of the program (2007) through November 7, 2018.

WSDOT Apprentice/Journeymen Participation Summary - Completed Projects 2018

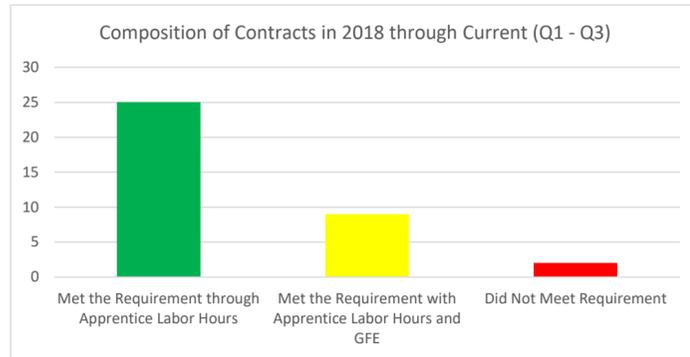


Contract Number	Contract Title	Contractor Name	City	Notice To Proceed	Complete Date	Bid Amount	Amount Paid	Apprentice Hours	Journeyman Hours	Total Hours Performed on the Contract	Required Apprentice %	Apprentice % Attained	Apprentice % Female	Apprentice % Minority	Met Apprenticeship % Labor Hours	GFE Submitted	GFE Approved	Pass/Fail	Design Build or Bid Build	Comments
008589	SR 527, I-405 Interchange To SR 524 Vicinity Paving	Granite Construction Company	Bothell	04/21/2014	01/2018	\$2,247,000	\$1,940,825	1,231	3,272	4,503	15%	27%	4%	29%	YES	NO	N/A	PASS	Bid Build	
008866	SR 202 & 203, NE 124th St Vic-Tolt River Bridge	Watson Asphalt Paving Co. Inc.	Redmond	04/26/2016	01/2018	\$3,329,140	\$3,167,009	1,076	7,474	8,550	15%	13%	2%	5%	NO	YES		GFE in Review	Bid Build	Underrun BI's and lack of apprentices
008882	SR 99/SR 525 Interchange Vic To Lincoln Way Vic	Cemex Construction Materials	Lynnwood	05/18/2016	01/2018	\$3,353,816	\$2,762,973	2,237	9,396	11,633	15%	19%	42%	2%	YES	NO	N/A	PASS	Bid Build	
009087	SR 6 And SR 105, Pacific County Chip Seal	Doolittle Construction Llc	Raymond	05/24/2017	01/2018	\$5,170,175	\$5,158,873	2,582	11,490	14,072	15%	18%	31%	42%	YES	NO	N/A	PASS	Bid Build	
008066	SR 520 / I-5 To Medina - Evergreen Point Floating	Kiewit General Manson Joint Venture	Seattle	08/31/2011	01/2018	\$586,561,000	\$765,758,304	489,216	1,792,261	2,281,477	15%	21%	16%	33%	YES	NO	N/A	PASS	Design Build	
008260	I-405 / SR 167, Thunder Hills Creek Mitigation Fish	Scarsella Bros., Inc.	Bellevue	04/27/2012	01/2018	\$3,164,255	\$3,201,540	471	2,989	3,460	15%	14%	22%	72%	NO	YES	YES	PASS	Bid Build	Journeyman to Apprentice ratio and DBE Subs
008900	I-5, Cowlitz River Bridge To Koontz Rd Vicinity	Lakeside Industries	Napavine	06/13/2016	02/2018	\$5,070,332	\$5,399,311	2,357	12,898	15,255	15%	15%	30%	40%	YES	NO	N/A	PASS	Bid Build	
009050	SR 20 And SR 525, Bob Galbreath Rd To Holbrook Rd	Granite Construction Company	Multiple	12/12/2016	02/2018	\$11,849,265	\$11,325,778	4,969	28,063	33,032	15%	15%	41%	49%	YES	NO	N/A	PASS	Bid Build	
008855	I-90, US 97 To Stevens Rd Vic - Paving	Central Washington Asphalt, Inc.	Ellensburg	04/12/2016	03/2018	\$5,987,356	\$6,187,272	2,083	11,698	13,781	15%	15%	38%	23%	YES	NO	N/A	PASS	Bid Build	
009047	SR 10 Et Al, 2017 SCR Region Wide-Chip Seal	Central Washington Asphalt, Inc.	SWR	04/12/2017	03/2018	\$7,422,422	\$7,539,276	3,200	13,099	16,299	15%	20%	16%	54%	YES	NO	N/A	PASS	Bid Build	
008473	I-5, Mellen Street To Blakeslee Junction - Stage 2	Scarsella Bros., Inc.	Chehalis	07/16/2013	03/2018	\$48,221,444	\$47,767,325	30,254	151,416	181,670	15%	17%	21%	30%	YES	NO	N/A	PASS	Bid Build	
008777	M V Kaleetan Docksides Preservation	Puglia Engineering	Seattle	06/18/2015	02/2018	\$3,959,033	\$4,382,692	7,870	30,625	38,495	15%	20%	0%	100%	YES	NO	N/A	PASS	Bid Build	
008989	SR 20, Sedro Woolley to Concrete Vicinity - BST Bs	Granite Construction Company	Concrete	01/10/2017	04/2018	\$2,918,335	\$3,032,655	2,882	8,423	11,305	15%	26%	6%	9%	YES	NO	N/A	PASS	Bid Build	
008912	US 12 & SR 506, Pavement Rehabilitation	Granite Construction Company	Vader	07/05/2016	04/2018	\$5,658,548	\$6,838,818	3,012	16,202	19,214	15%	16%	25%	33%	YES	NO	N/A	PASS	Bid Build	
008895	Tacoma Amtrak Cascades Station / Freight House	Garco Construction, Inc.	Tacoma	06/01/2016	05/2018	\$10,317,000	\$15,451,328	10,541	48,603	59,144	15%	18%	16%	21%	YES	NO	N/A	PASS	Bid Build	
008863	I-5 & SR 534, Hill Ditch Bridge To Joe Leary Sloug	Granite Construction Company	Burlington	04/26/2016	05/2018	\$7,305,100	\$6,852,476	6,626	21,695	28,321	15%	23%	16%	20%	YES	NO	N/A	PASS	Bid Build	
009113	US 12, Coal Creek Bridge To Gulch Bridge Paving	Lakeside Industries	Packwood	06/30/2017	05/2018	\$3,327,442	\$3,044,844	939	6,835	7,774	15%	12%	42%	66%	NO	YES	YES	PASS	Bid Build	Market saturation, lack of Apprentices, and small business Subs
008918	I-5, I-205 To North Fork Lewis River Bridge - Rehab	Granite Construction Company	Ridgefield, Vancouver	06/13/2016	05/2018	\$3,950,950	\$5,261,344	1,654	8,301	9,955	15%	17%	0%	38%	YES	NO	N/A	PASS	Bid Build	
008890	US 2, NCR Seal 2016	Central Washington Asphalt, Inc.	Chelan	05/24/2016	05/2018	\$5,521,951	\$5,331,105	1,592	8,589	10,181	15%	16%	6%	34%	YES	NO	N/A	PASS	Bid Build	
009009	SR 112 / US 12 / SR 109, Chip Seal	Doolittle Construction Llc	Grays Harbor County	02/10/2017	05/2018	\$3,608,234	\$3,710,995	2,519	10,011	12,530	15%	20%	33%	31%	YES	NO	N/A	PASS	Bid Build	
008843	I-90, Peoh Rd Bridge To Elk Heights Rd Vic Wb-Repl	Acme Concrete Paving, Inc.	Cle Elum	03/28/2016	06/2018	\$17,712,492	\$20,810,807	2,447	10,610	13,057	15%	19%	0%	30%	YES	NO	N/A	PASS	Bid Build	
008916	US 12, Old Naches Highway Vic To I-82 And SR 823/Y	Columbia Asphalt & Ready Mix	Yakima	06/28/2016	06/2018	\$4,455,260	\$5,845,923	1,881	10,620	12,501	15%	15%	1%	28%	YES	NO	N/A	PASS	Bid Build	
009006	NCR 2017, Pavement Rehabilitation And Seal	Granite Construction Company	NCR	02/22/2017	06/2018	\$9,603,928	\$9,567,506	1,264	12,897	14,161	15%	9%	19%	28%	NO	YES	YES	PASS	Bid Build	Small business Subs and lack of Apprentices
008229	US 2, Stevens Pass West Slope Stabilization	Midwest Rockfall, Inc.	Skykomish	01/20/2012	06/2018	\$5,291,071	\$6,243,289	989	25,213	26,202	15%	4%	0%	50%	NO	NO	N/A	FAIL	Bid Build	Prime is no longer in business
009091	SR 7, N Of Morton To SR 706 Paving And Culvert Rehab	Granite Construction Company	Carlson	06/20/2017	06/2018	\$6,421,640	\$6,126,242	2,994	16,648	19,642	15%	15%	32%	32%	YES	NO	N/A	PASS	Bid Build	
008766	SR 14, 6th St To Bingen - Chip Seal	Granite Construction Company	Multiple	06/16/2015	07/2018	\$3,988,988	\$5,777,237	1,358	15,556	16,914	15%	8%	0%	72%	NO	YES	YES	PASS	Bid Build	Lack of Apprentices and small business Subs
009098	US 97 & SR 14, Paving - Klickitat County	Columbia Asphalt & Ready Mix	Maryhill	06/12/2017	07/2018	\$4,600,520	\$4,257,615	783	3,979	4,762	15%	16%	0%	1%	YES	NO	N/A	PASS	Bid Build	
008861	SR 16, Anderson Creek Trib To Sinclair Inlet - Fish	Scarsella Bros., Inc.	Bremerton	04/19/2016	07/2018	\$4,375,813	\$4,278,541	840	7,660	8,500	15%	10%	0%	0%	NO	YES	YES	PASS	Bid Build	Lack of Apprentices
008439	SR 104 To 52nd/220th SW Paving I-5/220th ST SW I/C	Granite Construction Company	Mountlake Terrace	04/22/2013	07/2018	\$3,624,239	\$3,267,018	1,811	9,304	11,115	15%	16%	6%	9%	YES	NO	N/A	PASS	Bid Build	
009025	US 2, Fern Bluff Rd Vic To 10th St Vic Paving & Ad	Lakeside Industries	Sultan	03/22/2017	07/2018	\$3,054,340	\$3,137,113	2,426	11,107	13,533	15%	18%	2%	26%	YES	NO	N/A	PASS	Bid Build	
009085	US 2, Eagle Falls Vic. To Tye Creek Resurfacing	Central Washington Asphalt, Inc.	Skykomish	06/14/2017	08/2018	\$3,288,344	\$3,480,308	1,180	6,215	7,395	15%	16%	17%	21%	YES	NO	N/A	PASS	Bid Build	
008915	SR 4 ET AL, Pavement Rehabilitation	Granite Construction Company	Longview	06/20/2016	08/2018	\$4,539,539	\$4,627,363	1,746	15,487	17,233	15%	10%	34%	6%	NO	YES	YES	PASS	Bid Build	Journeyman to Apprentice ratio, small business Subs and lack of Apprentices
008573	SR 502, I-5 To Battle Ground Add Lanes Stage 2	Rotschy, Inc.	Vancouver	04/09/2014	09/2018	\$27,544,360	\$25,584,564	12,422	64,850	77,272	15%	16%	4%	13%	YES	NO	N/A	PASS	Bid Build	
008204	I-405, NE 6th St To I-5 Widening And Express Toll	Flatiron Constructors Inc	Multiple	02/01/2012	09/2018	\$155,500,001	\$162,254,486	73,599	521,682	595,281	15%	12%	14%	27%	NO	YES	YES	PASS	Design Build	DBE Subs
008496	US 395, NSC - BNSF Railway Structures/Realignment	Apollo, Inc.	Spokane	10/03/2013	09/2018	\$15,368,730	\$15,638,302	8,325	69,773	78,098	15%	11%	37%	10%	NO	YES	NO	FAIL	Bid Build	PCPR reflects failing goal; project was complete prior to 3 strike rule

WSDOT Apprentice/Journeymen Participation Summary - Completed Projects 2018

2018 Summary

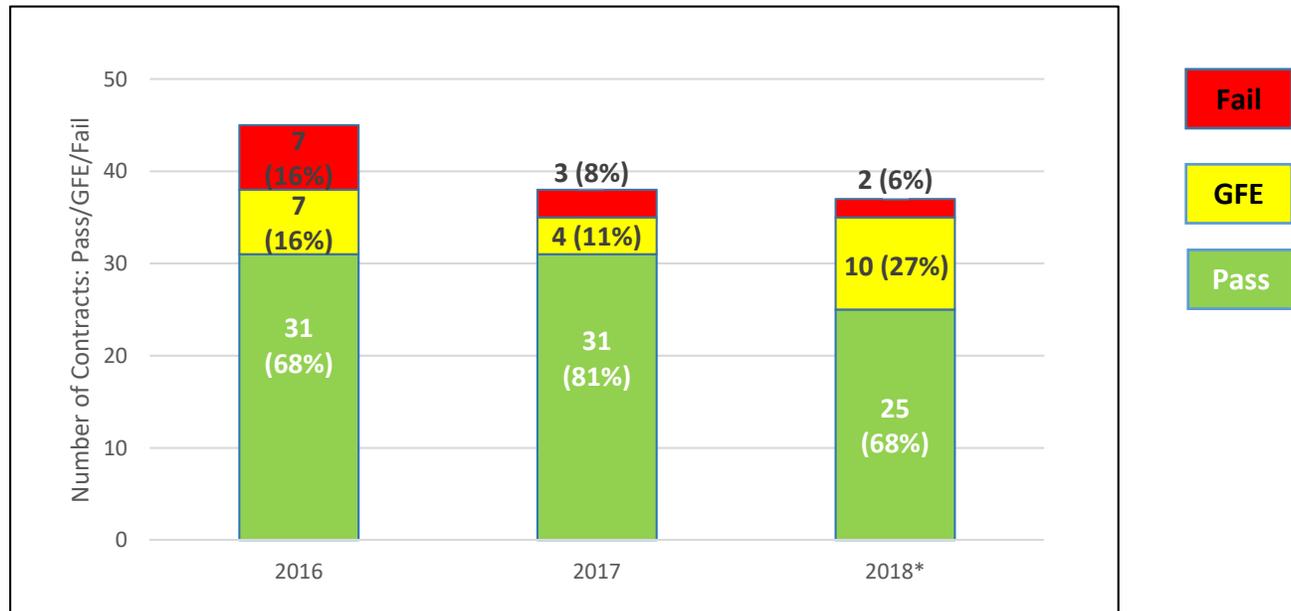
	Total Number of Contracts	37		693,861	
Met the Requirement through Apprentice Labor Hours	25	67.6%		3,027,396	Total Apprentice Hours
Met the Requirement with Apprentice Labor Hours and GFE	9	24.3%		3,721,257	Total Journeyman Hours
Did Not Meet Requirement	2	5.4%		18.6%	Total Contract Hours
GFE in Review	1	2.7%			is the 2018 Percent of Apprentice Labor Hours Attained



91.9% of all contracts in 2018 met the Apprenticeship
 5.4% of contracts did not meet the requirement.
 2.7% of contracts have a GFE in review.
 18.6% is the 2018 Percent of Apprentice Labor Hours

The Apprenticeship Requirement does not apply to contracts advertised for bid before July 1, 2007, for any public works by the Department of Transportation.
 The 2018 Summary data includes a large, multi-season contract that contributed to a significant increase in the overall percentage attained.

WSDOT Contracts Meeting Apprenticeship Requirements for Projects Completed 1/1/16 through 11/7/18



2016 - 45 projects completed; 31 (68%) met apprenticeship contract requirements through labor hours, 7 (16%) met through good faith efforts and 7 (16%) did not meet contract requirements.

2017 - 38 projects completed; 31 (81%) met apprenticeship contract requirements through labor hours, 4 (11%) met through good faith efforts and 3 (8%) did not meet contract requirements.

2018 - 37 projects completed; 25 (68%) met apprenticeship contract requirements through labor hours, 10 (27%) met through good faith efforts and 2 (6%) did not meet contract requirements.

25 projects were executed prior to 2017 (before the 3 strike rule implementation); 8 of the 25 projects submitted GFEs (32%). 2 projects submitted GFEs and were rejected, while 6 GFEs were approved.

* 2018 Data reflects projects completed through November 7, 2018