



King County



ANNUAL APPRENTICESHIP & PRIORITY HIRE REPORT 2019

Department of Executive Services
Finance and Business Operations Division
Business Development and Contract Compliance

Published: April 30, 2020

Photo Source: Field Compliance Photo - Georgetown

TABLE OF CONTENTS

EXECUTIVE SUMMARY	4
KING COUNTY CODE.....	6
BACKGROUND	7
REPORT REQUIREMENTS.....	8
PROGRAM HIGHLIGHTS.....	10
APPRENTICESHIP PROGRAM.....	12
PRIORITY HIRE PROGRAM	14
SUCCESS STORIES.....	16
PROGRAM UTILIZATION BY DEPARTMENT	17
CHALLENGES	19
LOOK AHEAD	21
KING COUNTY ECONOMIC AND WORKFORCE INVESTMENTS	22
PRIORITY HIRE WORKERS BY ZIPCODE.....	23
MASTER COMMUNITY WORKFORCE AGREEMENT	24
PREFERRED ENTRY PROGRAM.....	25
APPENDIX.....	26
A-1 KING COUNTY PRIORITY HIRE ADVISORY COMMITTEE.....	28
A-2 APPRENTICE WAGES BY TRADE.....	29
A-3 PRIORITY HIRE WORKER WAGES BY TRADE	30
A-4 PRIORITY HIRE SCORECARD.....	31
A-5 LABOR AND INDUSTRIES DATA.....	34
A-6 GLOSSARY OF TERMS	35
A-7 PROJECT SUBJECT TO APPRENTICESHIP AND PRIORITY HIRE.....	37



EXECUTIVE SUMMARY



This report summarizes the performance results of the King County Apprenticeship Program and the Priority Hire Program as required by King County code 12.16.175 and 12.18A.050, for the period January 1, 2019 through December 31, 2019.

The skilled trades are facing a shortage of workers. One way to address this shortage is to provide access and support to those underrepresented in the construction industry. King County's Apprenticeship and Priority Hire Programs work together to improve access to employment and training programs for workers in need of family wage careers.

The King County Apprenticeship Program provides workers paid on-the-job training, classroom instruction and a pathway into family wage careers. The King County Priority Hire Program ensures that contractors prioritize workers from economically distressed areas for inclusion on county capital construction projects.

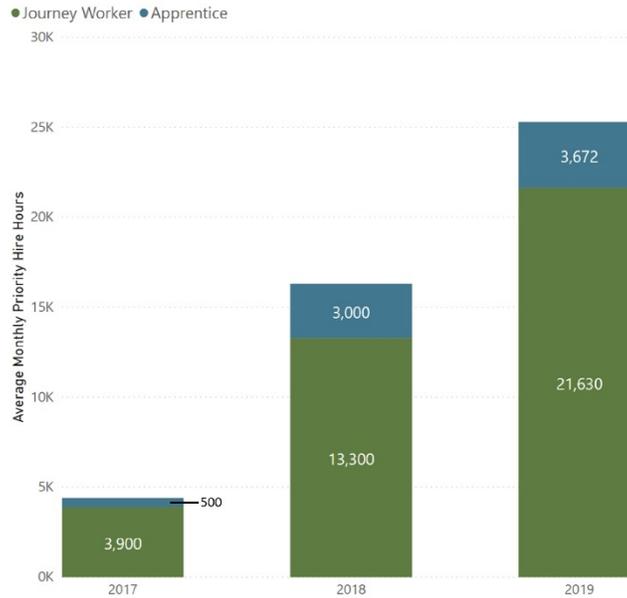
The Apprenticeship Program coupled with the Priority Hire Program synchronizes economic and equity efforts to connect job seekers with employment opportunities in the construction industry. Both programs are critical for addressing the widening gap between the demand for construction labor and the supply of skilled trade workers in our regional labor market. The programs also provide opportunities for people to thrive and for designated King County communities to be uplifted economically through high wage career pathways in the construction industry.

The Priority Hire Program has had historical success and growth since its inception in 2017, resulting in more jobs for local workers and increased diversity of the construction workforce. The program is on track to continue growing the labor hours offered to workers from target zip codes. In the chart below, it shows the annual comparison of the monthly average hours worked on Priority Hire Program projects. In 2017, 53,100 hours were worked in the program; in 2018, it was 195,350 hours, and in 2019 this upward trajectory continued with 303,623 hours. As part of its original mandate, this program is reaching a racially diverse group of workers that reflect their racially diverse zip codes. For more information on the overall success of the program, please refer to Appendix A-4 – Priority Hire Scorecard.



EXECUTIVE SUMMARY

Labor hours offered through the Priority Hire program are growing annually, as shown by monthly averages since 2017



Note: Enrollment shown as monthly average for comparison purposes.
Data: Business Development & Contract Compliance, King County Finance and Business Operations Division

REPORT HIGHLIGHTS

King County’s Apprenticeship Program and Priority Hire Program led to the following results in 2019:

Apprenticeship:

- \$3.5 million earned by Apprentices
- 568,882 total labor hours on projects with Apprenticeship requirements
- 101,335 apprentice labor hours, exceeding required rate of 10.4%
- 17.8% overall apprentice rate
- 577 registered apprentices
- 34.6% minority apprentice rate
- 9.2% women apprentice rate

Priority Hire:

- \$3.2 million earned by Priority Hire workers
- 303,623 total labor hours on projects with Apprenticeship requirements
- 72,953 Priority Hire labor hours
- 36% overall Priority Hire Apprentice rate, exceeding required rate of 9%
- 22% overall Priority Hire Journey Worker rate, exceeding required rate of 12%
- 367 Priority Hire Workers, 309 journey workers and 58 apprentices
- 47.2% Priority Hire minority worker rate,
- 11.4% Priority Hire women workers rate



King County Code 12.16.175¹ Apprenticeship and Priority Hire Programs – Annual Reporting.

The administrator shall submit an annual report to the executive detailing performance of the apprenticeship program under this chapter, and the priority hire program as required under K.C.C. 12.18A.050, by April 15 of each year. The report shall be forwarded to the council no later than April 30.

The report shall include, but not be limited to the following:

- A. The number and kinds of public works projects and contracts on which apprenticeship and priority hire requirements were established;
- B. The percentage of labor hours actually worked by apprentices and priority hire workers on each such project and the total number of labor hours on each project;
- C. The number of apprentices and priority hire workers by contractor broken down by trade and craft category, home ZIP codes for priority hire workers, the wages paid by category of work or trade, the number and percentage of minorities, women, persons with disabilities and disadvantaged youth utilized as apprentices and priority hire workers, and the degree of compliance with the percentage goals to be established under K.C.C. 12.16.155 through 12.16.180;
- D. A description of problems encountered in the implementation of the requirements of K.C.C. 12.16.155 through 12.16.180, which shall include, but not be limited to, access by open shop contractors to state-approved training program apprentices and the resolution of any problems arising therefrom;
- E. A description of barriers encountered by participating apprentices and priority hire workers and steps taken to resolve those problems and to insure their continued participation in the program;
- F. The number of new apprentices indentured during the reporting year as reported by the Washington state Department of Labor and Industries; and
- G. The percentage of apprentices in training who have graduated to journey level during the reporting year. (Ord. 18672 § 8, 2018: Ord. 12787 § 6, 1997).

King County Code 12.16.155² Establishment of Apprenticeship Program

E. In addition, the administrator shall include in the annual report required in K.C.C. 12.16.175 the extent of apprentice shortages, if any, by construction trade for the given reporting year, and shall gather this information from the apprentice training programs being utilized by the county's construction contractors. The county shall require contractors who claim apprentices are unavailable to document their efforts to obtain apprentices. (Ord. 16855 § 15, 2010: Ord. 12787 § 2, 1997).

King County Code 12.18A.050³ Evaluation of program – benchmarks and metrics – reports – program re- view.

The manager shall submit an annual report to the executive detailing performance of the program. The report shall be incorporated into the annual apprenticeship report required under K.C.C. 12.16.175. The report shall include, but not be limited to, the same performance measures for priority hire workers that are identified in K.C.C. 12.16.175 for apprentices.

^{1,2,3} [Link to King County Code, Chapter 12.](#)



BACKGROUND

King County Code 12.16.175 and 12.18A.050 requires the Administrator to submit an annual report to the King County Executive detailing the performance of the King County Apprenticeship Program and the Priority Hire Program by April 15th for transmittal to the King County Council by April 30th of every year.

King County's longstanding, highly successful Apprenticeship Program and the Priority Hire Program work in tandem to advance economic and equity goals. Together, they build a skilled workforce that is necessary for our region's continued prosperity; and priority hiring has the additional focus of uplifting King County residents who live in economically disadvantaged zip codes. These programs support the implementation of King County's Equity and Social Justice (ESJ) Strategic Plan. These programs further the economic vitality goals in the King County Strategic Plan by increasing access to family wage jobs, adding and retaining jobs in King County and providing opportunities for people to move up career ladders within the construction industry.

This report meets the reporting requirements of King County Code by focusing on the requirements mandated by code.

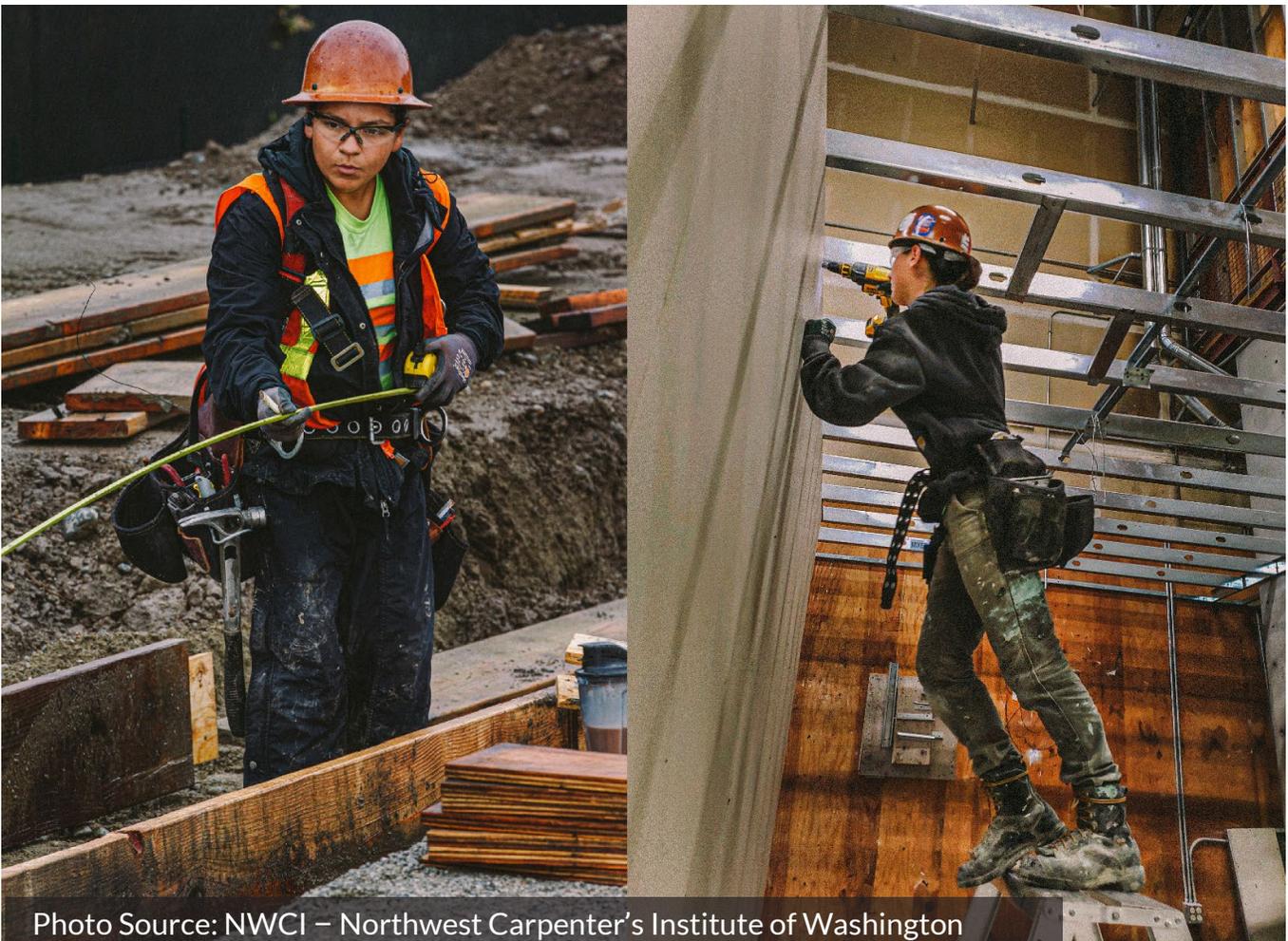


Photo Source: NWCI – Northwest Carpenter's Institute of Washington

REPORT REQUIREMENTS

This report meets the requirements of King County Code (K.C.C.) 12.16.175 and 12.18A.050 that requires the submission of an annual report that details the performance of the Apprenticeship and Priority Hire Programs. Each item below is a specific reporting mandate of the K.C.C.

A. The number and kinds of public works projects and contracts on which apprenticeship and priority hire requirements were established

Public Works projects that are subject to King County Apprenticeship requirements were established on 37 projects and Priority Hire requirements were established on eight projects. See page 17, Program Utilization by Department for more details.

B. The percentage of labor hours actually worked by apprentices and priority hire workers on each such project and the total number of labor hours on each project

Appendix A-7, Projects Subject to Apprenticeship and Priority Hire Requirements in 2019 (p. 37 - 73) includes project profiles that provide information on public works projects subject to the Apprenticeship and Priority Hire requirements during the reporting period.

C. The number of apprentices and priority hire workers by contractor broken down by trade and craft category

Appendix A-7, Projects Subject to the Apprenticeship and Priority Hire Requirements in 2019 (p. 37 - 73) includes project profiles by Contractor and a breakdown by trade and craft category of the number of apprentices and priority workers by project.

D. Home zip codes for priority hire workers

The Priority Hire Workers by Zip Code section (p. 23) shows a list of the Priority Hire Zip Codes and the number of workers that reside in each of the designated Zip codes.

E. The wages paid by category of work or trade

In 2019, apprentices worked a total of 101,335 labor hours earning wages on King County projects of approximately \$3.5 million dollars. See pages 29 through 30 for wages paid by trade.

F. The number and percentage of minorities, women, persons with disabilities and disadvantaged youth utilized as apprentices and priority hire workers

The Apprenticeship Program section and the Priority Hire Program section (p. 12 - 15) shows the race and gender breakdown for Apprentices and Priority Hire workers. Data on persons with disabilities and disadvantaged youth was not reported.

G. The degree of compliance with the percentage goals to be established under K.C.C. 12.16.155 through 12.16.180

Appendix A-7, Projects Subject to the Apprenticeship and Priority Hire Requirements in 2019 (p. 37 - 73) shows the degree of compliance with the Apprenticeship and Priority Hire Program requirements and goals.

REPORT REQUIREMENTS

H. A description of problems encountered in the implementation of the requirements of K.C.C. 12.16.155 through 12.16.180, which shall include, but not be limited to, access by open shop contractors to state-approved training program apprentices and the resolution of problems arising therefrom

The Challenges section (p. 19 - 20) of this report provides a description of problems encountered in the implementation of the requirements.

I. A description of barriers encountered by participating apprentices and priority hire workers and steps taken to resolve those problems and to insure their continued participation in the program

The Challenges section (p. 19 - 20) of this report provides a description of barriers encountered by apprentices and priority hire workers and the steps that were taken to resolve those problems.

J. The number of new apprentices indentured during the reporting year as reported by the Washington State Department of Labor and Industries

Appendix A-5, Labor and Industries Data (p. 34), Figure 11 – Apprentice Activity was reported by the Washington State Department of Labor and Industries (L&I) for April 1, 2018 through March 31, 2019. Data for the remainder of 2019 was not available for this report.

K. The percentage of apprentices in training who have graduated to journey level during the reporting year.

Appendix A-5, Labor and Industries Data (p. 34), Figure 11 – Apprentice Activity highlights the number of apprentices that were in training, who graduated to journey level from April 1, 2018 through March 31, 2019. However, the report did not provide a percentage.

L. The extent of apprentice shortages, if any, by construction trade for the given reporting year

The Challenges section (p. 19 - 20) of this report provides details of apprentice shortages by trade.



King County

PROGRAM HIGHLIGHTS

APPRENTICESHIP PROGRAM

569,882

Labor hours
performed on projects with
Apprenticeship
requirements

17.8%

Apprentice Utilization

101,335

Apprentice Labor Hours



Photo Source: Field
Compliance Photo -
Georgetown



PROGRAM HIGHLIGHTS



PRIORITY HIRE PROGRAM

303,623

Labor hour
performed on projects with
Priority Hire requirements

72,953

Priority Hire Labor Hours

22%

Priority Hire
Journey Worker Utilization

36%

Priority Hire
Apprentice Utilization

Photo Source: Field
Compliance Photo -
Georgetown



APPRENTICESHIP PROGRAM

2019 General Summary

568,882

Labor Hours on King County Projects

101,335

Apprentice Labor Hours

17.8%

Apprentice Hours

577

Number of Apprentices

34.6%

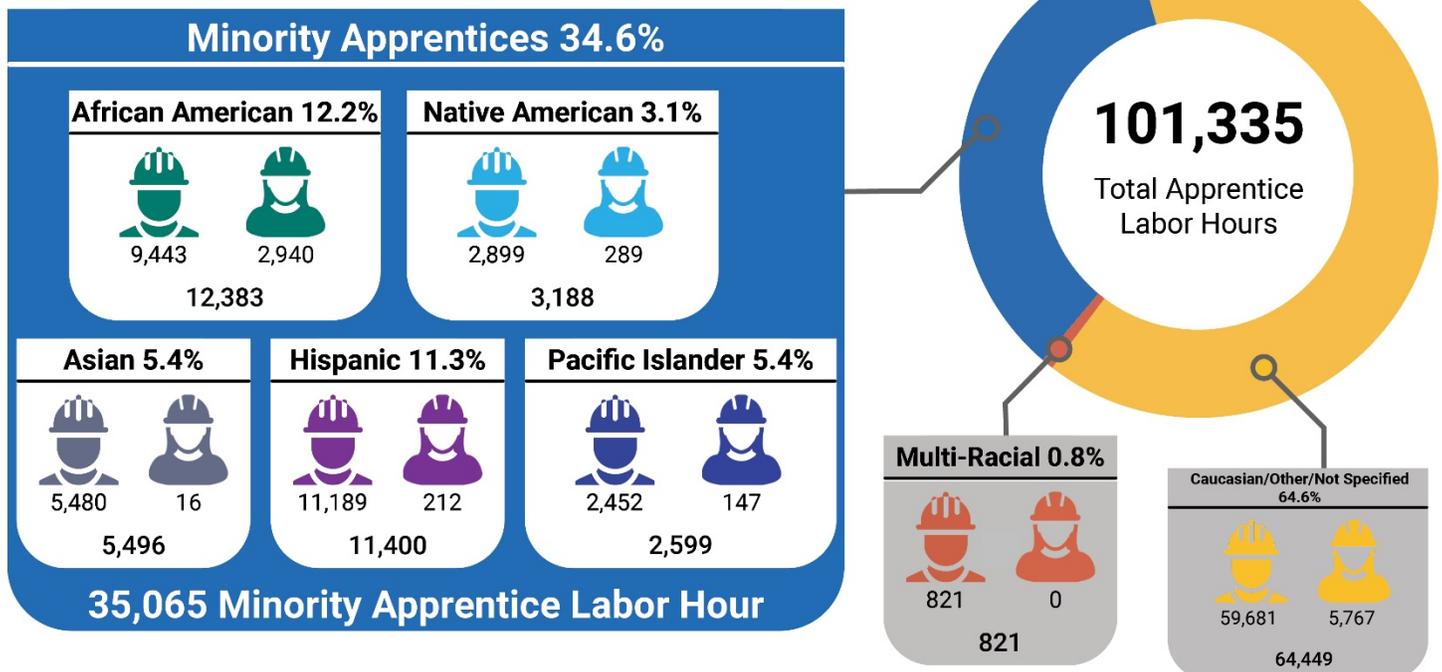
Minority Apprentices Hours

9.2%

Women Apprentices Hours

\$ 3.5 Million in Wages Earned by Apprentices in 2019

Figure 1: Minority Apprentice Population





APPRENTICESHIP PROGRAM

Figure 2: Women Apprentice Population

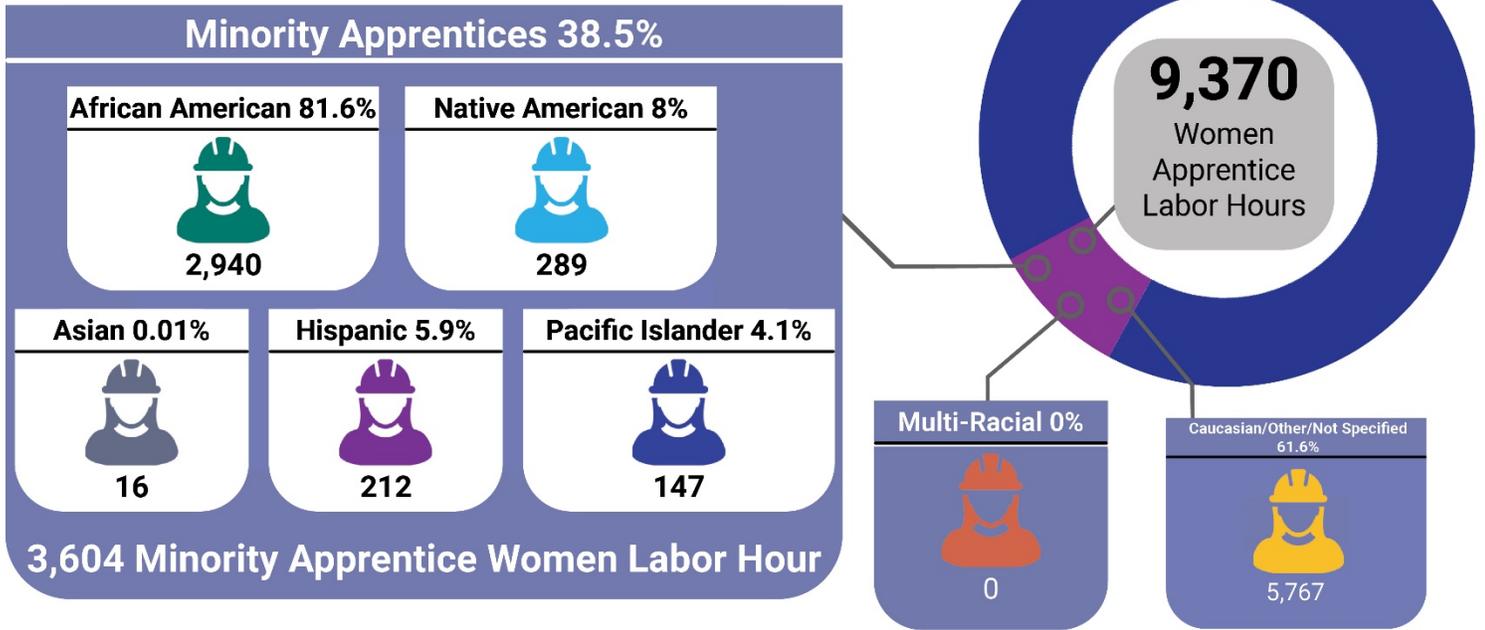


Photo Source: PAC Co-Ed Cohort 014 (ANEW)



PRIORITY HIRE PROGRAM

2019 General Summary

303,623

Labor Hours on CWA Projects

72,953

Priority Hire Labor Hours

24.0%

Priority Hire Rate

367

Priority Hire Workers

22.0%

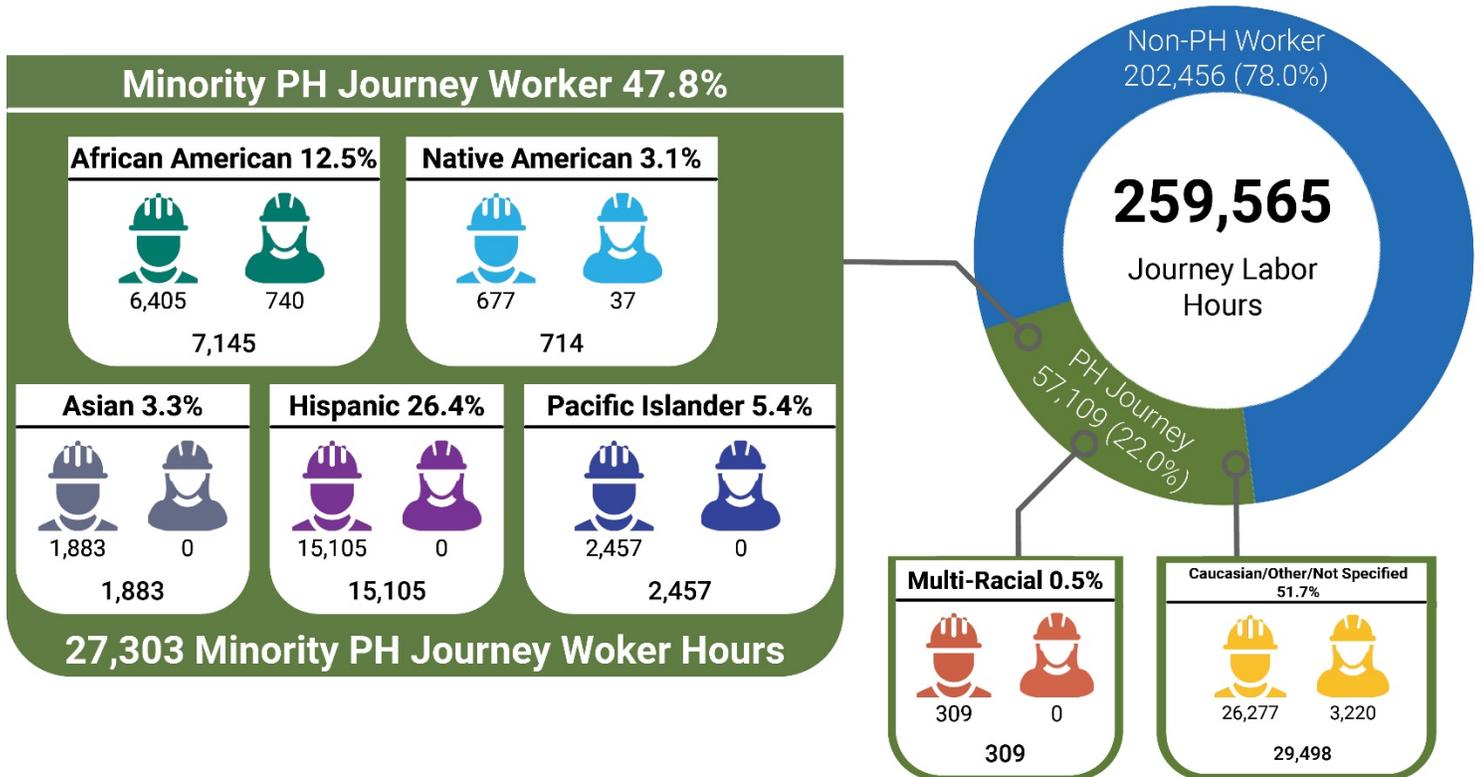
Priority Hire Journey Worker Hours

36.0%

Priority Hire Apprentice Hours

\$ 3.2 Million in Wages Earned by Priority Hire Workers

Figure 3: Priority Hire Journey Worker Population





PRIORITY HIRE PROGRAM

Figure 4: Priority Hire Apprentice Population

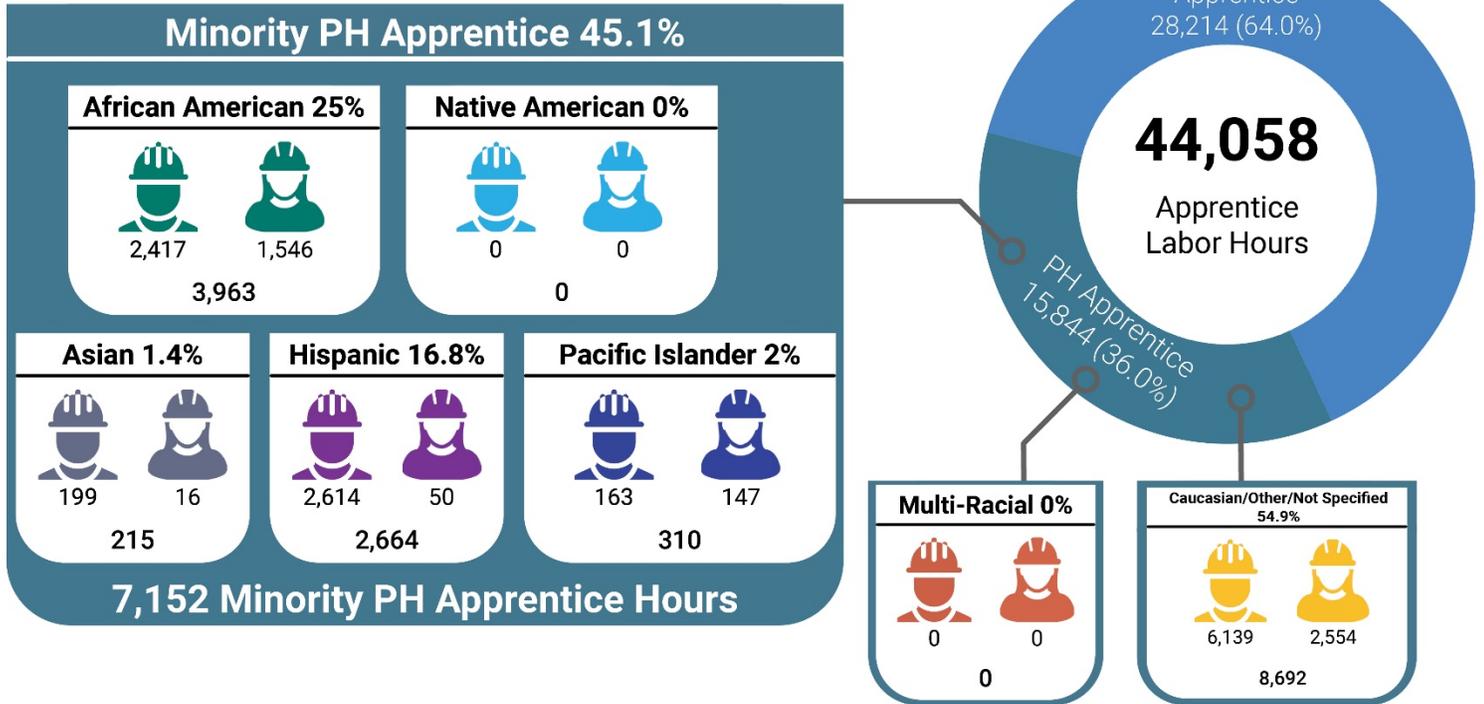
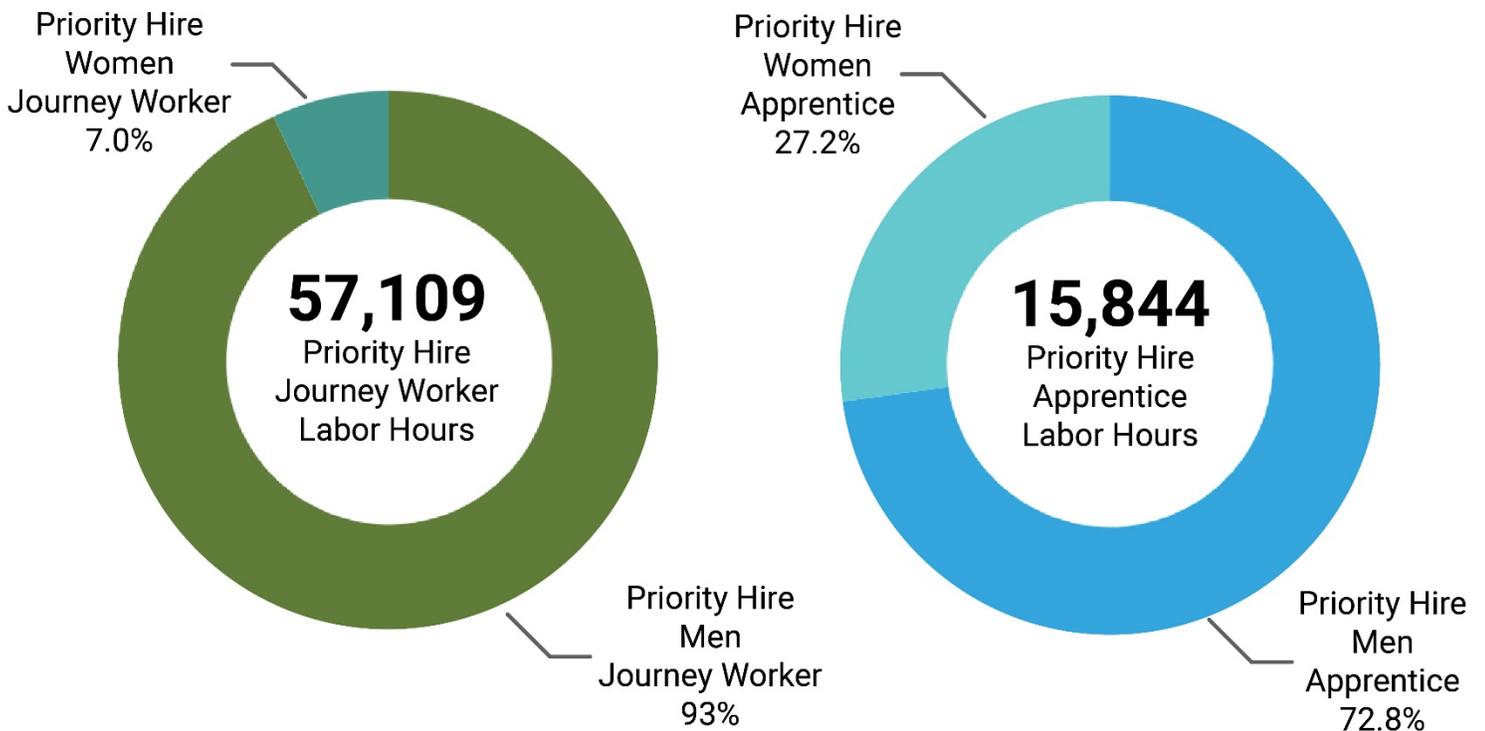


Figure 5: Priority Hire Women Population



SUCCESS STORIES

Leilanna B. is an Operator Journey Worker with Mayfield Hoisting. She is an African American female from a Priority Hire Zip Code (98001), who worked on King County's Georgetown Wet Weather Treatment Station project as an operator apprentice for Flatiron West Inc. Prior to becoming an apprentice, Leilanna worked dead end jobs in customer service as a single mother of two children barely surviving on \$15 per hour. Leilanna graduated from ANEW's pre-apprenticeship program in 2013, and since graduating, has increased her wages more than 300 percent. Leilanna says,

"Because of Priority Hire, I have moved through my apprenticeship and have become financially independent. I journeyed out on the Georgetown Wet Weather Treatment Station project earning \$47.33 as an Operating Engineer Journeywoman."



Jessica R. is a Hispanic carpenter apprentice who worked on King County's Lower Russell Road Levee project for Prospect Construction. She graduated from the TRAC program while incarcerated in 2017. Jessica wasn't sure what she would do with her life after she was released. On her first day of work after being released from prison, Jessica started earning \$25.15 per hour with a \$14 per hour benefit package and has been working consistently since. Jessica advises new apprentices to put in the work if they want to change their lifestyle. At 43 years old, she is now earning \$32.75 per hour with an \$18 per hour benefit package and is looking forward to her \$2 raise in March 2020. She is thankful for the opportunity provided by the pre-apprenticeship program,

"TRAC changed my life – I have a second chance and found a new path."

Debria H. is a 34-year-old African American female currently working on the Georgetown Wet Weather Treatment Station – Conveyance project for JW Fowler. Debria went through ANEW's pre-apprenticeship program in 2015. A single mother of four children, Debria worked in an aerospace warehouse prior to attending ANEW. She decided it was time for a career change when she returned to her position in 2014 after maternity leave and did not receive the raise she was promised. That's when her friend told her about ANEW. Debria is currently a Laborers 242 apprentice earning an average of \$1,000 per week, along with a benefits package. She says ANEW prepared her physically and mentally to work in the field and states,

"ANEW is definitely a place to go if you're a female trying to get into construction. I am now financially capable of raising my children by myself"

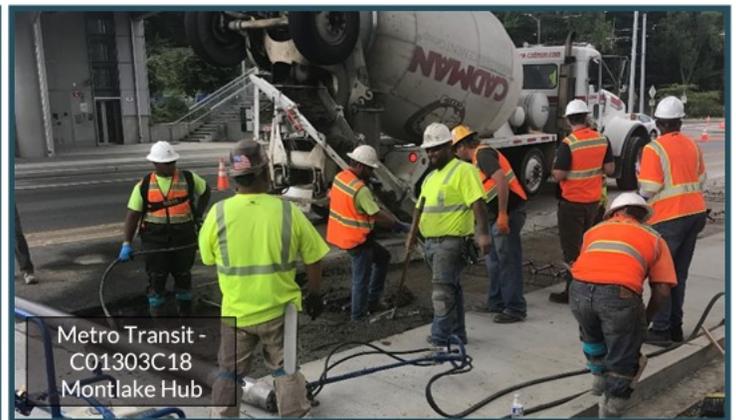


PROGRAM UTILIZATION BY DEPARTMENT

APPRENTICESHIP PROGRAM

Table 6: Program Utilization by Department

Department Summary	Projects	\$ Amount	Total Labor Hours	Apprentice		Preferred Entry	
				Hours	% Rate	Hours	% Rate
Executive Services	2	\$ 160,193,000	159,184	38,282	24.0%	4,543	11.9%
King County Information Technology	2	\$ 5,000,000	11,294	247	2.2%	-	0.0%
Local Services	3	\$ 18,109,441	54,582	5,849	10.7%	12	0.2%
Metro Transit	8	\$ 40,266,438	45,252	8,260	18.3%	1,964	23.8%
Natural Resources &	22	\$ 267,075,523	298,511	48,698	16.3%	4,934	10.1%
Total	37	\$490,644,402	568,822	101,335	17.8%	11,453	11.3%



PROGRAM UTILIZATION BY DEPARTMENT

PRIORITY HIRE PROGRAM

Table 7: Program Utilization by Department

Department	Projects	\$ Amount	Total Labor Hours	Journey Hours	PH Journey		Apprentice Hours	PH Apprentice	
					Hours	% Rate		Hours	% Rate
Metro Transit	1	\$ 23,000,000	4,815	12,352	3,405	27.6%	2,836	1,410	49.7%
Natural Resources & Parks	7	\$ 211,725,715	68,138	204,781	53,704	26.2%	41,222	14,434	35.0%
Total	8	\$234,725,715	72,953	217,133	57,109	26.3%	44,058	15,844	36.0%



CHALLENGES

Program Implementation Challenges

In implementing the Apprenticeship Program and the Priority Hire Program, there have been challenges with projects meeting the preferred entry requirements and some of the voluntary hiring goals.

Preferred Entry

The Preferred Entry Program was created as another workforce development strategy that allows graduates of recognized pre-apprenticeship programs and Helmets to Hardhats veterans, preferred entry into an apprenticeship program. The Preferred Entry program is implemented as part of the Community Workforce Agreement (CWA). In 2018, the King County Council passed the Priority Hire Ordinance (Ordinance #18672) and changed the preferred entry definition. The contractual requirement prior to the ordinance was that one in five apprentices must come from a pre-apprenticeship program and to be counted as a successful Preferred Entry candidate, they must work a minimum of 700 hours on the project. Contractors found it difficult to meet the requirement as some scopes of work were relatively less than the hours requirement and it is challenging to keep track of the number of apprentices with many subcontractors on a project. This resulted in an underutilization request for preferred entry program apprentices. Some contractors were not familiar with pre-apprenticeship programs and needed to receive resources about available programs and how to transition individuals from pre-apprenticeship onto the jobsites.

The Priority Hire Ordinance changed preferred entry from one in five apprentices to 20 percent of apprentice labor hours. This changed the requirement from counting the number of workers to relying on the percentage of labor hours performed by preferred entry workers. In 2019, the King County Priority Hire Advisory Committee, which is appointed by the Executive and confirmed by the King County Council, determined that the current way preferred entry is implemented is not fully achieving the intended outcomes. In 2020, we expect that the new Master Community Workforce Agreement will be executed and signed and will change who counts as preferred entry. We expect that the change in the program will have positive impacts on King County projects.

Voluntary Hiring Goals

In King County Code 12.16.156 Apprenticeship Utilization Goals, the Council established voluntary hiring goals to be applied for certain target populations on public works projects that have Apprenticeship Program requirements. The voluntary hiring goal for women is at 25 percent. On the national level, the Federal Bureau of Labor Statistics found that women represent only 3.4 percent, or about 285,000 of the nation's 8.3 million construction workforce. Although percentage of women apprentice labor hours performed in the County's Apprenticeship Program is significantly higher than nationwide participation trends at 9.2 percent, this percentage remains lower than the Council's established voluntary hiring goal for women. At this time, the voluntary goal of 25 percent is an extremely optimistic goal and should probably be adjusted to an ambitious but more realistic level of 12 to 15 percent.

Contractors are generally reluctant to ask questions that probe into these sensitive areas to identify members of these groups. Although the data is speculative, anecdotal evidence supports this assumption. The number and labor hours for disabled persons and economically disadvantaged youth are not included in the data reported for other populations. In 2020, we expect to focus attention on finding ways to capture economically disadvantaged youth without putting Contractors at risk of having to ask personal questions.

Barriers for apprentices and Priority Hire workers

In 2019, we developed a Field Compliance Program focused on interviewing workers on the jobsite to provide project compliance, site monitoring and to ensure that both Contractors and workers onsite are adhering to the

CHALLENGES

Community Workforce Agreement (CWA) and county contract requirements. Equally important, contactors and workers are encouraged to share any concerns or challenges they are facing on the jobsite.

During worker interviews, we found that workers encountered barriers on the jobsite and/or through working in the industry. Barriers encountered include:

- Understanding worker rights under the CWA, state and local laws
- Language barriers for workers with limited to no English language proficiency
- Wage discrepancy questions regarding rate of pay and/or job classification
- Weather-dependent work that results in jobsite shutdown and no pay
- Difficulty being a woman in a predominantly male environment, including lack of skills progression on the jobsites
- Cost and lack of childcare to accommodate construction industry work schedules
- Lack of mentors and support systems
- Lack of finances to afford gas and/or work gear such as boots and tools

Barrier to Meeting Apprenticeship Requirement

To address identified barriers, the Field Compliance Program provides guidance to contractors and workers to assist them in finding information and resources to help resolve any challenges or concerns they may have. We refer workers to different resources and support services based on their barriers, with the goal of helping them to remain in the industry.

In 2019, only four projects out of 37 requested a reduction and/or waiver of the Apprenticeship requirements. Contractors submitted documentation explaining their efforts and the reasons why they were unable to fulfill the established apprenticeship requirements. The Issaquah Creek Mitigation project determined that they could meet the requirement after submitting their reduction request.

Contract Number	Project Name	Apprenticeship Requirement	Reduction or Waiver
C01344C19	Taylor Creek Mitigation	10%	Waiver
C01345C19	Issaquah Creek Mitigation	10%	N/A
C01296C18	Interim Base Building Demolition	12%	9%
C00973C16	Kent Auburn CSI	15%	10%

Documentation provided by the Contractors demonstrate that a project did not meet the apprenticeship requirement for the following reasons:

- Laborer and operator apprentices were not available for dispatch during the busy season
- Reduction in scopes of work that would increase apprentice utilization,
- Shortage of teamster apprentices to fulfill apprentice utilization requirements,
- Inability to meet the apprentice to journey worker ratio if more apprentices dispatched,
- Subcontractors performing specialized work where apprenticeship is not established,
- Lack of subcontractor participation in fulfilling requirement at Contractor's request,
- Pre-apprentices not available for specific trades requested,
- Lack of apprentice reliability,
- Unable to hire apprentices for certain scopes of work (i.e. sewer work)

LOOK AHEAD

King County's goal is to ensure that both the Apprenticeship Program and Priority Hire Program create opportunities for underrepresented workers in the construction industry and that the construction workforce represents the diversity of King County. To further the work of these programs in 2020, the County will:

- A. Support increased retention of workers in the construction industry by:
 - 1. Including new Respectful Worksite language in all King County construction contracts, and
 - 2. Investing in innovative retention programs and/or solutions aimed towards increasing the retention of apprentices, in the construction industry, with an emphasis on women and people of color, who have had less access to opportunities,
- B. Implement a Master Community Workforce Agreement across County covered projects. Negotiations of the Master Community Workforce Agreement (MCWA) concluded in December 2019 and its anticipated that the MCWA will be transmitted to the County Council, then signed and executed by Executive Constantine in early 2020,
- C. Enhance the Apprenticeship Program contract requirements by:
 - 1. Modifying the Apprenticeship Utilization Plan to require Contractors to list out all scopes of work on the plan and include estimated total and apprentice hours, and
 - 2. Outlining the "Best Efforts" steps Contractors must take towards meeting the Apprenticeship requirements,
- D. Increased presence at pre-bid meetings in preparation for the MCWA,
- E. Develop a means to capture and report on the participation of economically disadvantaged youth on county construction projects,
- F. Establish and implement a dual benefits process for contractors working on MCWA projects that have paid dual health and/or retirement benefits for their workforce, pending budget approval,
- G. Increase collaboration within the Regional Public Owners (RPO) group:
 - 1. In 2019, King County signed a Memorandum of Understanding (MOU) with the City of Seattle and Port of Seattle to solidify our efforts around our respective Priority Hire Programs and to enhance our regional impact of addressing workforce diversity goals and efforts. We intend to execute an Interlocal Agreement (ILA) in 2020.

KING COUNTY ECONOMIC AND WORKFORCE INVESTMENTS

In 2019, the County invested in Seattle Central Colleges, Pre Apprenticeship Construction Training (PACT) program, a pre-apprenticeship program that assists individuals into a construction trades career pathway by providing outreach, recruitment and enrollment services, pre-apprenticeship training, placement and retention services.

\$120K

Investment

16

Program
Enrollments

81.3%

Graduation
Rate

92.3%

Construction
Employment Placement

83.3%

Construction
Employment Retention

\$25.29

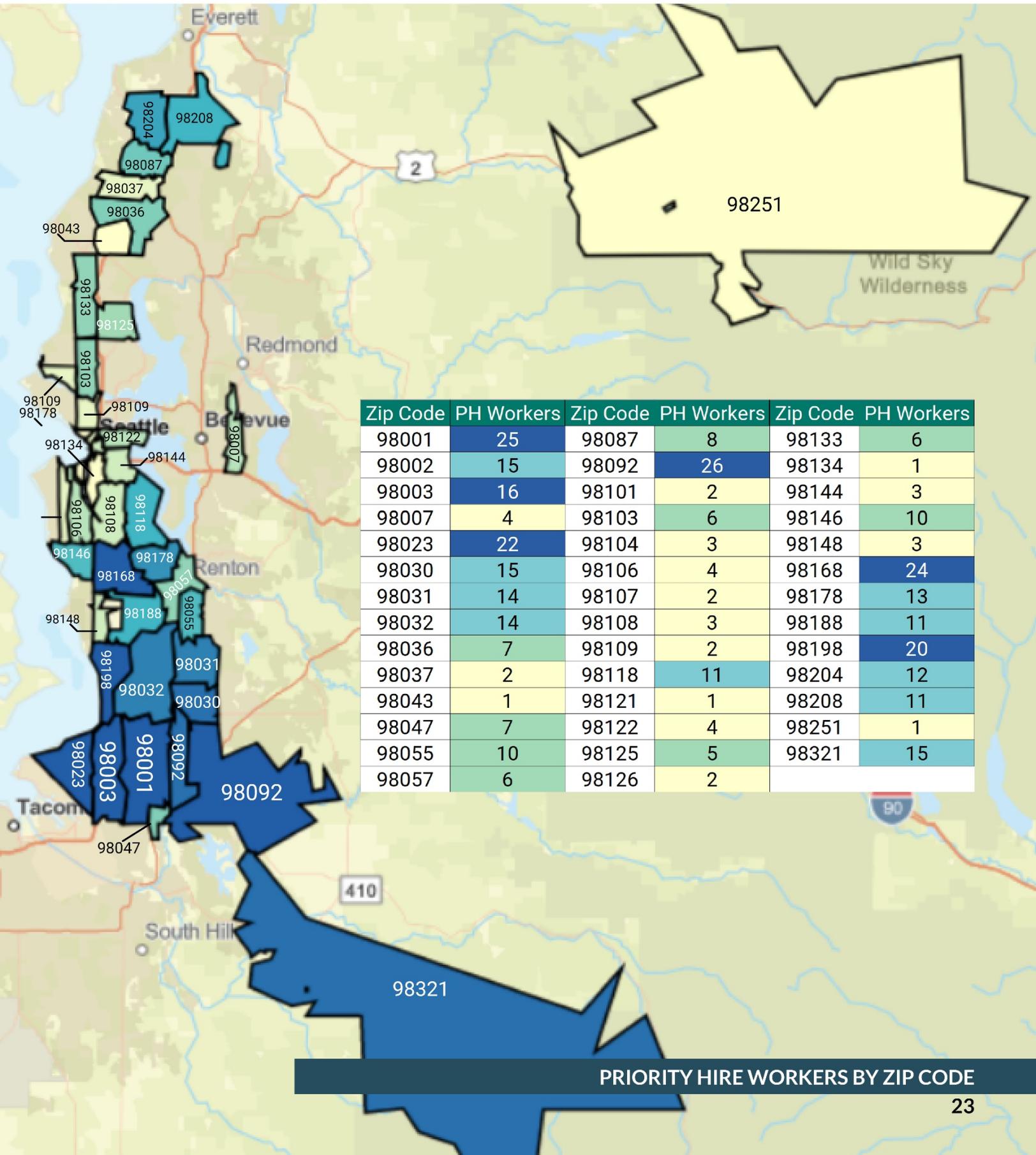
Average Hourly
Wage

Pre-Apprenticeship Program Success

Nestor G. is a Filipino male that enrolled into the PACT program. Prior to PACT, Nestor was in and out of trouble which lead to incarceration. Nestor dedicated himself to the program, traveling every day from Bremerton to Seattle via Ferry and public transportation. After graduation, Nestor began his career with Katerra Construction as a plumber helper and in September 2019 became a 1st year plumbing and pipefitter apprentice earning \$20 per hour.

Michael M. is a Caucasian male living in a Priority Hire Zip code (98122). He was incarcerated for 20 years and found the program through his incarceration. Through the PACT program, Michael learned how to adjust to life after prison. While enrolled, he obtained his driver's license through the support of LELO. Michael successfully graduated from PACT in June 2019 and obtained a position with Tradesman International earning \$23 per hour.

PRIORITY HIRE WORKERS BY ZIP CODE



Zip Code	PH Workers	Zip Code	PH Workers	Zip Code	PH Workers
98001	25	98087	8	98133	6
98002	15	98092	26	98134	1
98003	16	98101	2	98144	3
98007	4	98103	6	98146	10
98023	22	98104	3	98148	3
98030	15	98106	4	98168	24
98031	14	98107	2	98178	13
98032	14	98108	3	98188	11
98036	7	98109	2	98198	20
98037	2	98118	11	98204	12
98043	1	98121	1	98208	11
98047	7	98122	4	98251	1
98055	10	98125	5	98321	15
98057	6	98126	2		

MASTER COMMUNITY WORKFORCE AGREEMENT

King County has been utilizing project specific Community Workforce Agreement (CWA) to implement and administer the Priority Hire Program. The 2019 Priority Hire Ordinance directs the Executive to negotiate and execute a Master Community Workforce Agreement (MCWA). In 2019, the King County Priority Hire Advisory Committee met numerous times and provided recommendations to the County and the MCWA negotiation team took forth those recommendations to the bargaining table with the Seattle-King County Building Trades Council, the National Construction Alliance II and affiliated construction labor unions in April 2019. Negotiations concluded in December 2019. It is anticipated that the Master Community Workforce Agreement will be transmitted to Council and signed by Executive Constantine in early 2020.



ANEW – PACE
Program, Cohort 14

PREFERRED ENTRY PROGRAM

With the gap in the supply and demand of construction workers, King County and other public agencies in the region are investing heavily in pre-apprenticeship programs. The Preferred Entry program was created as another collaborative workforce development strategy that allows graduates of recognized pre-apprenticeship programs and Helmets to Hardhats veterans, preferred entry into construction apprenticeship training programs.

The Preferred Entry program supports public dollar investment, as it provides individuals who successfully complete pre-apprenticeship program training programs, and veterans, an avenue for entry and placement into the construction industry.

Additionally, the program facilitates a workforce reflective of the diversity of the County's population. The Preferred Entry program is integrated into the CWA and is intended to change the entry process for apprenticeship opportunities by permitting successful pre-apprentice graduates and veterans to have preferential status in order to access an apprenticeship program. However, graduates of pre-apprenticeship programs must still meet the minimum requirements for the apprenticeship program to be able to utilize the benefits of the program.



APPENDIX

Appendix Table of Contents

A-1 KING COUNTY PRIORITY HIRE ADVISORY COMMITTEE	28
A-2 APPRENTICE WAGES BY TRADE	29
A-3 PRIORITY HIRE WORKER WAGES BY TRADE	30
A-4 PRIORITY HIRE SCORECARD	31
A-5 LABOR AND INDUSTRIES DATA.....	34
A-6 GLOSSARY OF TERMS	35
A-7 PROJECT SUBJECT TO APPRENTICESHIP AND PRIORITY HIRE.....	37
C00863C13 - CFJC	38
C00973C16 – KENT/AUBURN CSI AWI.....	39
C01008C16 – SUNSET & HEATHFIELD PUMP STATION.....	40
C01025C17 – GEORGETOWN WET WEATHER TREATMENT STATION	41
C01071C17 – GEORGETOWN - CONVEYANCE.....	42
C01072C17 – GEORGETOWN - OUTFALL	43
C01129C17 – CEDAR HILL AREA 8 & 7 CLOSURE.....	44
C01132C17 – JOB ORDER CONTRACT 2017-B.....	45
C01133C17 – WEST POINT FLARE REPLACEMENT	46
C01156C17 – WPTP OXYGEN GENERATION	47
C01187C17 – KC REGIONAL AFIS LABORATORY	48
C01197C17 – PIER 50 FLOAT REPLACEMENT	49
C01207C17 – ENVIROMENTAL LAB FUME HOOD	50
C01208C18 – WPTP C1-C2 RESERVOIR MODIFICATIONS.....	51
C01224C17 – TRANSIT 2018-2019 WORK ORDER	52
C01231C18 – SOUTH TREATMENT PLANT	53
C01243C18 – PSERN – BID PACKAGE 5	54
C01256C18 – SODO COMFORT STATION 1	55
C01257C18 – PSERN – BID PACKAGE 6	56
C01263C18 – THIRD AVENUE ORCA READER IMPROVEMENT.....	57
C01264C18 – 2018 COUNTYWIDE PAVEMENT	58
C01293C18 – STP RSP MEDIUM VOLTAGE SWITCHGEAR.....	59

APPENDIX

Appendix Table of Contents

C01294C18 – LOWER RUSSELL LEVEE SETBACK	60
C01296C18 – INTERIM BASE BUILDING DEMOLITION	61
C01300C18 – SOUTH BASE EXPANSION	62
C01303C18 – MONTLAKE HUB CAPITOL IMPROVEMENTS.....	63
C01307C18 – EASTSIDE INTERCEPTOR.....	64
C01323C18 – 2017-2018 GUARDRAIL PRESERVATION.....	65
C01328C18 – FOOTHILL TRAIL IMPROVEMENTS.....	66
C01338C19 – MAINTENANCE AND REPAIR OF SURFACE WATER FACILITIES.....	67
C01345C19 – ISSAQUAH CREEK MITIGATION PROJECT	68
C01347C19 – HOLLYWOOD AND WOODINVILLE ROOF REPLACEMENT	69
C01356C19 – VAN DISTRIBUTION CENTER.....	70
C01361C19 – 2019 COUNTYWIDE PAVEMENT PRESERVATION.....	71
C01366C19 – SHAKE MILL LEFT BANK REVETMENT REPAIR.....	72
C01368C19 – ERC COAL CREEK.....	73

KING COUNTY PRIORITY HIRE ADVISORY COMMITTEE

The King County Priority Hire Advisory Committee consists of twelve members that are appointed by the Executive and confirmed by the King County Council, to operate in an advisory role to King County for the implementation and effectiveness of the Priority Hire Program.

The Committee consists of the following twelve members:

- Monty Anderson, Seattle – King County Building Trades Council
- Karen Dove, Apprenticeship and Nontraditional Employment for Women (ANEW)
- Sonja Forster, Associated General Contractors of Washington
- Michael J. Fox, Retired Judge
- Leanne Guier, Local 32 Plumbers and Pipefitters
- Michelle Helmholz, Laborers Local 242
- Dave Johnson, Hoffman Construction
- Jason Nakamura, 1 Alliance Geomatics
- Larry Nettekoven, Heat, Frost Insulators and Allied Workers Joint Apprenticeship and Training Committee
- Melinda Nichols, American Apprenticeship Initiative (AAI) Consultant
- Krishna Richardson-Daniels
- Halene Sigmund, Construction Industry Training Council of Washington (CITC)

In 2019, the Committee developed a series of recommendations for the Master Community Workforce Agreement (MCWA) that were used in the County's negotiations with construction labor union representatives. MCWA negotiations concluded in December 2019 and will be presented to the Committee in early 2020. The Committee also provided guidance to the County on developing its Respectful Worksite language that will be included in all County construction contracts in 2020. The Committee hosted a Contractors Forum in October 2019 seeking input from Contractors in the Puget Sound region to inform the County on its draft respectful worksite language. With input from the Contractor's, the Committee developed recommendations that were included in the final iteration of the Respectful Worksite language.

APPRENTICE WAGES BY TRADE

The following tables highlights the Wages by trade for Apprentices, Priority Hire Apprentices, and Priority Hire Journey Workers for the period of January 1, 2019 through December 31, 2019.

Table 8: Apprentice Wages by Trade

Trade	Total Hours	Gross Pay
Asbestos Abatement Workers	1,918	\$ 74,938.47
Brick Masons	3,443	\$ 97,528.89
Carpenter, Piledriver/Western WA	20,759	\$ 718,307.69
Cement Masons	4,302	\$ 172,351.06
Commercial Glaziers	1,088	\$ 35,236.20
Drywall Application/ Western WA	2,166	\$ 69,369.20
Drywall Finisher	753	\$ 17,832.91
Electricians	19,976	\$ 722,842.80
Elevator Constructor Mechanic	1,870	\$ 76,981.31
Ironworkers	946	\$ 29,695.32
Laborers/ Western WA	23,303	\$ 735,765.76
Other	1,785	\$ 51,125.03
Painters	271	\$ 6,647.39
Plasterers/Western WA	156	\$ 4,866.07
Plumbers & Pipefitters/ Western WA	5,947	\$ 212,291.91
Power Equipment Operators	6,649	\$ 246,797.12
Roofers	515	\$ 13,623.91
Sheet Metal Workers/Western WA	2,898	\$ 108,089.89
Sprinkler Fitters	1,109	\$ 37,441.82
Teamster/Truck Drivers	727	\$ 24,812.19
Tile, Marble & Terrazzo Finishers	758	\$ 21,647.70
Total	101,335	\$ 3,478,192.61

PRIORITY HIRE WORKER WAGES BY TRADE

Table 9: Priority Hire Apprentice Wages by Trade

Trade	Total Hours	Gross Pay
Asbestos Abatement Workers	363	\$12,154.86
Carpenter, Piledriver/Western WA	4,605	\$154,840.59
Cement Masons	906	\$27,971.06
Electricians	1,620	\$42,218.65
Ironworkers	80	\$2,210.73
Laborers/ Western WA	5,291	\$168,385.98
Plumbers & Pipefitters/ Western WA	1,057	\$38,160.92
Power Equipment Operators	1,924	\$77,663.15
Total	15,844	\$523,605.93

Table 10: Priority Hire Journey Worker Wages by Trade

Trade	Total Hours	Gross Pay
Brick Mason	275	\$15,385.20
Carpenter/ Piledriver/Western WA	14,078	\$685,073.28
Cement Masons	514	\$24,906.64
Power Equipment Operators	7,154	\$356,738.57
Electricians	4,926	\$272,228.13
Ironworkers	692	\$30,418.21
Laborers/Western WA	23,257	\$976,595.65
Other Trade	6	\$322.02
Painter	48	\$1,431.36
Plumbers & Pipefitters/Western WA	2,006	\$110,325.37
Teamster/Truck Drivers	4,155	\$189,154.97
Total	57,109	\$2,662,579.40

PRIORITY HIRE SCORECARD

Overview

King County's Priority Hire Program is a workforce and economic development strategy that fosters opportunities for good paying careers in the construction industry, with a certain percentage of those jobs filled by local workers from economically disadvantaged areas. The Priority Hire Program provides training and family wage employment opportunities in the construction industry and requires that a percentage of labor hours be worked by these workers on King County public works construction projects of \$15 million or more (this threshold is expected to be lowered to \$5 million in April 2020). The Priority Hire Program provides access for persons interested in pursuing career opportunities in the construction industry who reside in economically distressed areas of King County, and in areas of Pierce and Snohomish counties where the county has wastewater rate payers.

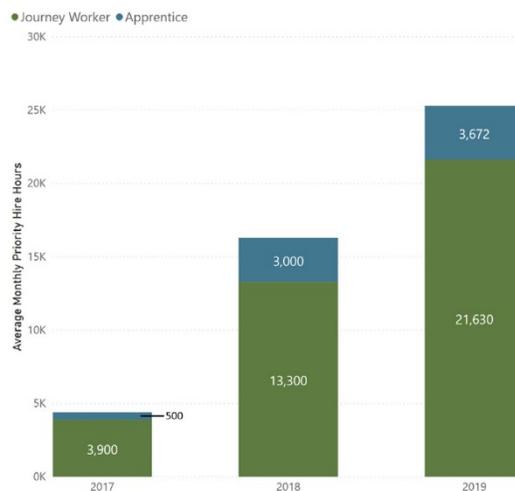
How much are we doing?

One of the Priority Hire's main goals is to increase retention rates and broaden access to apprenticeships and family wage jobs for women and people of color King County's Apprenticeship program and Priority Hire work together to improve access to paid training and jobs while growing a skilled workforce that reflects the diversity of the county's population. Workers are classified into two categories: apprentice level (a worker learning the trades, "entry level") and journey level (fully trained, "skilled").

King County establishes apprenticeship requirements on select public works construction projects based on the scope of work and the number of total anticipated labor hours.

The Priority Hire program is on track to continue growing the labor hours offered to workers from target zip codes. In 2017, 53,100 hours were worked in the program; in 2018, 195,350 hours were worked in the program, and 2019 is continues this upward trajectory as 303,623 hours were worked in the program. As part of its original mandate, this program is reaching a racially diverse group of workers that reflect their racially diverse zip codes.

Labor hours offered through the Priority Hire program are growing annually, as shown by monthly averages since 2017



Note: Enrollment shown as monthly average for comparison purposes.

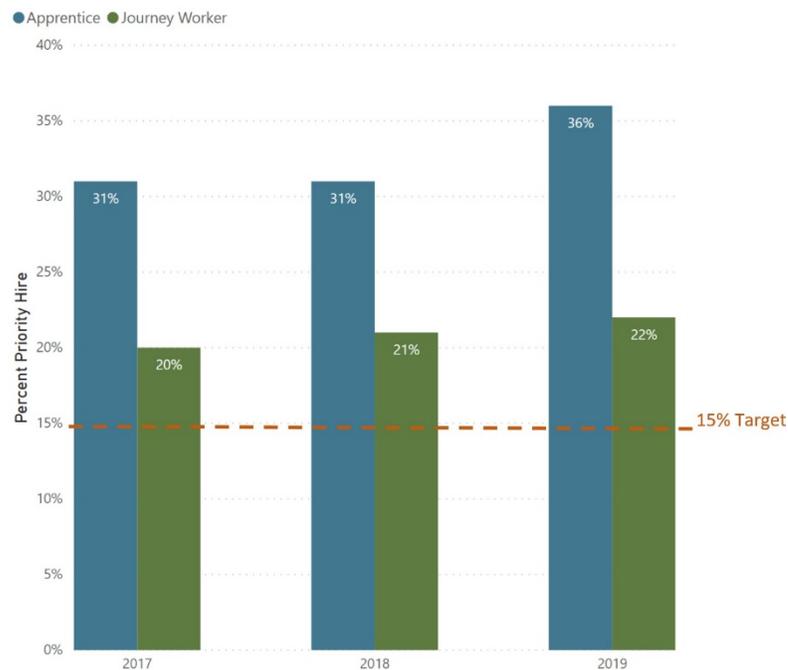
Data: Business Development & Contract Compliance, King County Finance and Business Operations Division

PRIORITY HIRE SCORECARD

How well are we doing?

King County requires that all contracts that use the Priority Hire program must allocate a certain percentage of the apprentice and journey labor hours from their projects to participants of the Priority Hire program. The current requirement is 15% for apprentice and journey labor hours. Since its first year of programming in 2017 to present, the Priority Hire program has exceeded its target proportion of labor hours to workers from target zip codes, with roughly one-third of apprentice labor hours and one-quarter of journey labor hours performed by program participants.

Priority Hire program exceeds its 15% target proportion of labor hours to workers from target zipcodes.



Data: Business Development & Contract Compliance, King County Finance and Business Operations Division

Is anyone better off?

The Priority Hire program's goals are to support the hiring of residents who live in King County Priority Hire Zip Codes. Priority Hire Zip Codes in the study region are ZIP codes that are above the benchmark percentile in two of the following three criteria:

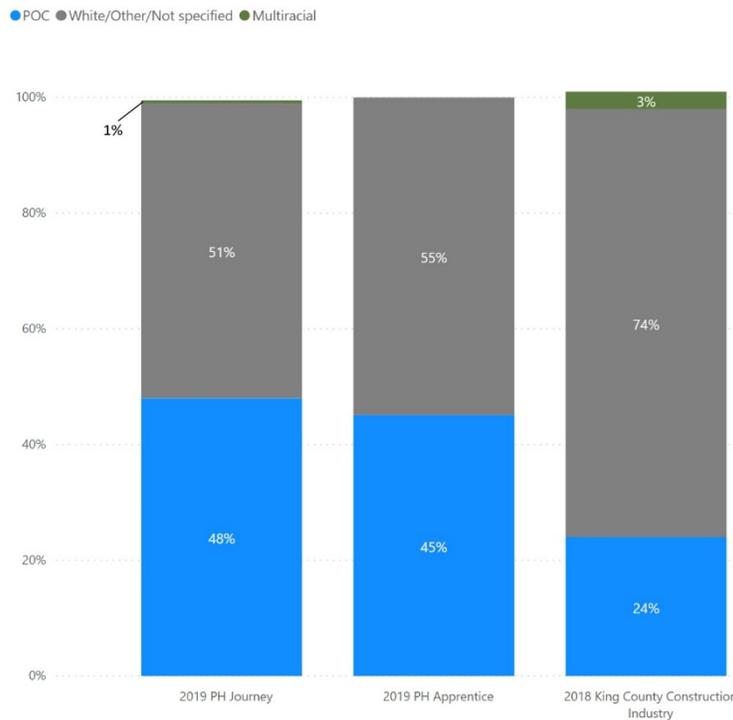
1. High concentration of unemployed people in terms of persons per acre or share of total residents
2. High concentration of people 25 or older without a college degree in terms of persons per acre or share of total residents
3. High concentration of people living 200% of the federal poverty line in terms of persons per acre or share of total residents

PRIORITY HIRE SCORECARD

Reaching people who live in economically distressed areas and providing training enables these individuals to have higher earning jobs. The Priority Hire program is reaching more people every year and fulfilling its goals of increasing entry and diversity in the trades. Through the Priority Hire program, these individuals are put on the path to better-paid positions and this economic benefit is expected to have resounding effects throughout their communities. The program has highlighted several success stories on its website to illustrate the impact on individuals.

The Priority Hire program has made great strides in reaching workers in economically distressed areas. Through its active focus on apprentices, it is transforming the demographics of King County's construction industry to be more reflective of the County's diverse population in support of Equity and Social Justice strategic goals.

Starting with apprentice training, the Priority Hire Program supports a more diverse construction workforce for King County.



Data Source: Business Development & Contract Compliance, King County Finance and Business Operations Division and Quarterly Workforce Indicators, U.S. Census Bureau, accessed at qwexplorer.ces.census.gov.

Note: To compare construction industry data to program data, PSB had to merge race and ethnicity counts from the US Census data to match the program racial/ethnic categories. To do this, counts of individuals reporting "Hispanic or Latino" ethnicity were removed from each racial category and then aggregated into a separate racial category.

Additional resources

- [King County Priority Hire Program](#)
- [Low Income Priority Hire Program Moving Forward](#)
- [King County Priority Hire Program \(PDF\)](#)

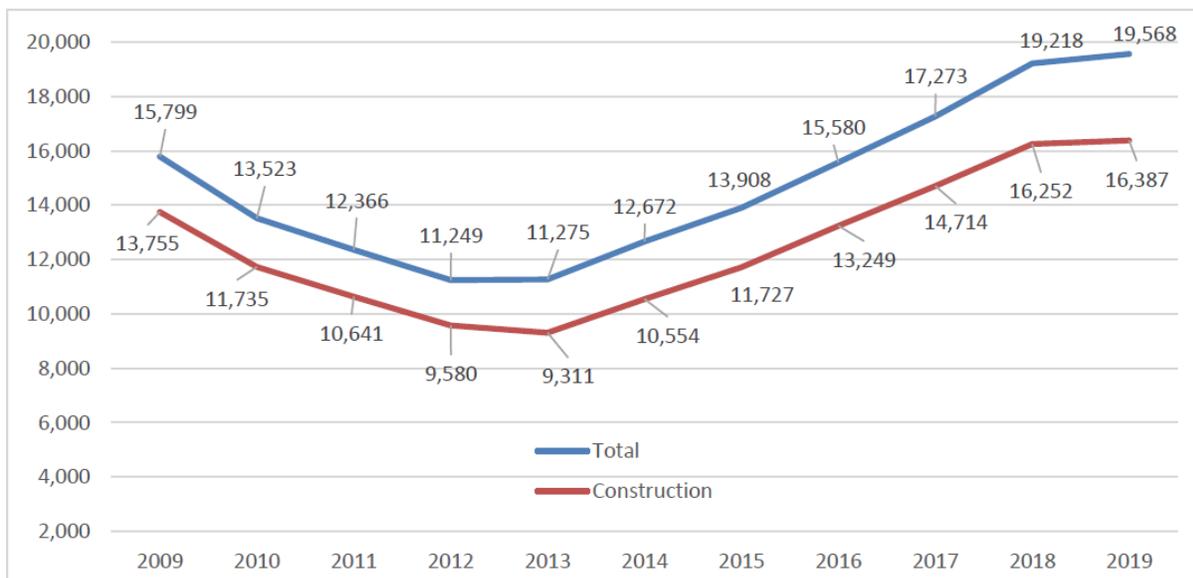
LABOR AND INDUSTRIES DATA

Figure 11: Apprentice Activity Data

Apprenticeship by the Numbers

There were **19,568** active apprentices for the 12-month time period ending March 31, 2019. With 2,011 were female and **5,707** were minority. Over the last quarter (January-March 2019), there were **16,022** active apprentices. All data valid as of 4/10/2019.

Active Apprentices Ten-Year Overview (2009-2019)



APPRENTICE ACTIVITY (YEAR 2019):

- **19,568** Active apprentices during the time period
- **1,902** Individuals were issued completion certificates
- **2,017** Individuals were cancelled
- **6,444** Individuals were registered as apprentices

Information was provided by [LNI](#)

GLOSSARY OF TERMS

Apprentice

A person who has signed a written Apprenticeship Agreement and enrolled in a training program approved by the Washington State Apprenticeship and Training Council to learn a skilled craft or trade.

Apprentice Hiring Goal(s)

The specific goals established by the County for person with disabilities, economically disadvantaged youth, women and minorities to participate as apprentices on County public work contracts. The goals are a percent of the Apprentice Utilization Requirements for the Contract.

Apprenticeship Program and Requirements

The County's plan for administering King County Code 12.16.155-180 and setting forth compliance requirements for Apprentice Utilization on County public work contracts. All actions required by the contractor as defined by King County Code 12.16.155-180 and the contract language for specific King County contracts.

Best Efforts

The strongest possible efforts that Contractors can reasonably make to meet the Apprentice Utilization Requirements and the Apprentice Hiring Goals established for each public works contract selected for participation in the Apprenticeship Program.

Community Workforce Agreement

An executed agreement signed by the Executive, or the Executive's designee, on behalf of the County, and representatives of the Seattle-King County Building Trades Council and the Northwest National Construction Alliance II. The Community Workforce Agreement is a labor agreement with targeted priority hiring agreements to include workers from economically distressed area.

Economically Distressed Area (King County Priority Hire ZIP codes)

A geographic area within King County, including areas in Pierce and Snohomish counties that are part of the County's wastewater service area, defined by ZIP code based on poverty levels, unemployment, and educational attainment.

Economically Disadvantaged Youth

Those persons (18-24 years old) whose annual family income does not exceed the income guidelines for the Federal Free and Reduced Lunch Program, and who have significant barriers to employment, as defined by the Federal Job Training Partnership Act (JTPA).

Journey Level Worker

An individual who has sufficient skills and knowledge of an occupation, either through a formal Apprenticeship Training Program or through practical on-the-job work experience, to be recognized by a state or federal registration agency and/or an industry as being fully qualified to perform the work of the occupation.

GLOSSARY OF TERMS

Labor Hours

The total number of projected or actual hours for all trades or crafts worked by persons who receive an hourly wage and who are employed on a public works project site. This shall also include hours worked by persons employed by subcontractors on the project.

Preferred Entry

A program that is an element of a Community Workforce Agreement that permits Pre-apprentice graduates from Washington State Apprenticeship and Training Council (WSATC) approved pre-apprenticeship programs and Helmets to Hardhats veterans, preferred entry into a registered State approved apprenticeship program and eligible for dispatch onto County covered projects ahead of other applicants.

Priority Hire

The Priority Hire Program was established by King County Code 12.18A.010-050 prioritizes the recruitment and placement of Priority Hire workers for training and employment in the construction trades on covered projects.

Priority Hire Worker

Priority Hire Worker means an apprentice or journey worker who is prioritized for recruitment, training and employment opportunities on covered projects because the individual resides in an economically distressed area.

PROJECTS SUBJECT TO APPRENTICESHIP AND PRIORITY HIRE REQUIREMENTS

The following project profiles provide information on public works projects subject to the Apprenticeship and Priority Hire requirements during the report period. These project profiles include statistical data on the percentage of labor hours performed by apprentices and priority hire workers, the total number of project labor hours worked for the period January 1, 2019 through December 31, 2019.

Each project profile reports data on the cumulative apprenticeship rate for each project as of December 31, 2019. Each project profile with Priority Hire requirements includes the cumulative Priority Hire apprenticeship rate and the cumulative Priority Hire journey worker rate for each project through December 31, 2019.

C00863C13

CHILDREN AND FAMILY JUSTICE CENTER

Department Name:	Executive Services
Division:	Facilities Management Division
Project Name:	Children and Family Justice Center
Contract Number:	C00863C13
Prime Contractor:	Balfour Beatty Construction, LLC (dba Howard S. Wright)
Contract Award Amount:	\$154,000,000
Execution Date:	February 20, 2015
Type of Construction:	Construction

Apprenticeship Requirement:	15.00%
Apprenticeship Rate:	63.32%
***Cumulative Apprenticeship Rate:	32.81%

design-build project delivery method for the design and construction of the CFJC Project

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Acoustical Applicator	1,855.00	972.00	883.00	47.60%	10	0.00	0.00%	38.00	4.30%
Asbestos Abatement Workers	3,204.50	667.50	2,537.00	79.17%	6	0.00	0.00%	0.00	0.00%
Brick Masons	8,293.90	3,655.00	4,638.90	55.93%	22	0.00	0.00%	1,660.10	35.79%
Carpenter, Piledriver/Western WA	22,379.92	7,079.42	15,300.50	68.37%	57	358.80	2.35%	2,263.80	14.80%
Cement Masons	1,365.00	851.50	513.50	37.62%	14	4.00	0.78%	201.00	39.14%
Drywall Finisher	9,954.10	3,451.60	7,661.50	76.97%	41	0.00	0.00%	3,144.00	41.04%
Electricians	20,923.55	3,404.00	17,519.55	83.73%	62	73.00	0.42%	4,649.50	26.54%
Elevator Constructor	3,665.70	1,021.75	2,643.95	72.13%	26	8.00	0.30%	289.00	10.93%
Firestop/Containment Worker	116.00	0.00	116.00	100.00%	4	0.00	0.00%	32.00	27.59%
Glaziers	5,131.80	2,537.80	191.00	3.72%	30	6.50	3.40%	1,114.00	583.25%
Insulation Applicator	136.00	136.00	0.00	0.00%	0	0.00	-	0.00	-
Insulation-Applicator	340.00	208.00	132.00	38.82%	4	0.00	0.00%	17.00	12.88%
Ironworkers	756.50	76.00	680.50	89.95%	11.00	0.00	0.00%	181.50	26.67%
Laborers/ Western WA	13,881.73	5,719.73	8,162.00	58.80%	54.00	756.00	9.26%	2,695.00	33.02%
Lather	140.00	0.00	140.00	100.00%	1	0.00	0.00%	0.00	0.00%
Machinist (Aircraft Oriented)	6.00	0.00	6.00	100.00%	1	0.00	0.00%	0.00	0.00%
Marine Machinist	8.00	0.00	8.00	100.00%	1	0.00	0.00%	0.00	0.00%
Marine Pipefitter	138.00	0.00	138.00	100.00%	1	0.00	0.00%	0.00	0.00%
Other Trade	968.50	0.00	968.50	100.00%	4	396.50	40.94%	0.00	0.00%
Painter	5,861.30	3,685.00	2,176.30	37.13%	10	0.00	0.00%	78.50	3.61%
Painter and Decorator	456.00	0.00	456.00	100.00%	1	0.00	0.00%	0.00	0.00%
Plasterer	382.00	32.00	350.00	91.62%	2	0.00	0.00%	0.00	0.00%
Plumbers & Pipefitters/Western WA	14,506.00	6,402.00	8,104.00	55.87%	32.00	465.00	5.74%	1,672.00	20.63%
Pointer/Cleaner/Caulker	1,239.00	0.00	1,239.00	100.00%	8	0.00	0.00%	329.50	26.59%
Power Equipment Operators	2,541.50	1,018.00	1,523.50	59.94%	5.00	0.00	0.00%	0.00	0.00%
Power Systems Control Craftsman	144.00	144.00	0.00	0.00%	0	0.00	-	0.00	-
Roofer	1,303.65	555.75	747.90	57.37%	28	87.00	11.63%	249.90	33.41%
Scaffold Erector	11.00	2.00	9.00	81.82%	1	0.00	0.00%	0.00	0.00%
Sheet Metal Workers/Western WA	9,132.60	4,468.50	4,664.10	51.07%	24.00	96.00	2.06%	584.50	12.53%
Soft Floor Layer	320.00	320.00	0.00	0.00%	0	0.00	-	0.00	-
Sprinkler Fitter	2,789.00	1,108.50	1,680.50	60.25%	10	374.00	22.26%	582.00	34.63%
Stationary Engineer	124.00	0.00	124.00	100.00%	1	0.00	0.00%	124.00	100.00%
Steamfitter	488.00	0.00	488.00	100.00%	1	0.00	0.00%	0.00	0.00%
Teamster/Truck driver	71.06	37.36	33.70	47.42%	5	0.00	0.00%	0.00	0.00%
Traffic Control Painter	12.00	0.00	12.00	100.00%	1	0.00	0.00%	0.00	0.00%
Tree Trimmer	502.00	0.00	502.00	100.00%	1	0.00	0.00%	0.00	0.00%
Truck Driver	79.98	79.98	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver Heavy Construction	24.00	24.00	0.00	0.00%	0	0.00	-	0.00	-
Workers Comp. Adjudicator 2	69.50	0.00	69.50	100.00%	1	0.00	0.00%	69.50	100.00%
Total	133,320.79	47,657.39	84,419.40	63.32%	480	2,624.80	3.11%	19,974.80	23.66%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C00973C16

KENT/AUBURN CSI AWI

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Kent/Auburn CSI AWI Parallel and Pacific Pump Station Discharge
 Contract Number: C00973C16
 Prime Contractor: KIEWIT INFRASTRUCTURE WEST CO.
 Contract Award Amount: \$18,566,500
 Execution Date: February 14, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
Apprenticeship Rate: 2019 11.69%
*****Cumulative Apprenticeship Rate:** 9.95%

The purpose of this project is to increase the capacity of King County's existing sewer system by installing new pipelines.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	75.00	75.00	0.00	0.00%	0	0.00	-	0.00	-
Equipment Operator	652.00	652.00	0.00	0.00%	0	0.00	-	0.00	-
Fence Erector	112.50	112.50	0.00	0.00%	0	0.00	-	0.00	-
Flagger	17.50	17.50	0.00	0.00%	0	0.00	-	0.00	-
Laborer	363.00	334.00	29.00	7.99%	1	0.00	0.00%	0.00	0.00%
Operator	70.50	70.50	0.00	0.00%	0	0.00	-	0.00	-
Plumber	627.00	419.00	208.00	33.17%	1	0.00	0.00%	208.00	100.00%
Surveyor	74.00	74.00	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver	35.13	35.13	0.00	0.00%	0	0.00	-	0.00	-
Total	2,026.63	1,789.63	237.00	11.69%	2	0.00	0.00%	208.00	87.76%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01008C16 SUNSET AND HEATHFIELD

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Sunset & Heathfield Pump Stations and Force Main Upgrade
 Contract Number: C01008C16
 Prime Contractor: Flatiron West, Inc
 Contract Award Amount: \$36,600,000
 Execution Date: April 17, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
2019 Apprenticeship Rate: 15.20%
*****Cumulative Apprenticeship Rate:** 16.32%

Priority Hire Journey Worker Requirement: 15.00%
2019 Priority Hire Journey Worker Rate: 50.96%
******Cumulative Priority Hire Journey Worker Rate:** 24.83%

Priority Hire Apprentice Requirement: 15.00%
2019 Priority Hire Apprentice Rate: 9.71%
******Cumulative Priority Hire Apprentice Rate:** 19.94%

demolish, replace, reconfigure and provide new equipment. Upgrade of electrical, mechanical, structural, and architectural systems. Upgrade building piping systems.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% PH Apprentice Hours	% Apprentice Hours	Total # Apprentices	Total # PH Apprentices	**Apprentice Hours							
										Women	PH Women Hours	Women Workers	%	Minorities	Minorities Hours	PH Minorities Workers	%
Asbestos Abatement Workers	40.00	0.00	0.00	40.00	0.00	100.00%	0.00%	1	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Carpenter, Piledriver/Western WA	5,414.00	4,020.50	2,495.00	1,393.50	0.00	25.74%	0.00%	4	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Cement Masons	2,350.00	1,944.00	274.50	406.00	51.50	17.28%	12.68%	4	2	0.00	0.00	0.00	0.00%	25.50	25.5	1.00	6.28%
Electricians	14,881.00	10,275.50	5,939.00	4,605.50	400.00	30.95%	8.69%	10	2	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Laborers/ Western WA	18,817.75	16,494.25	9,200.50	2,323.50	446.50	12.35%	19.22%	11	4	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Other Trade	6.00	6.00	6.00	0.00	0.00	0.00%	0.00%	0	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Plumbers & Pipefitters/ Western WA	8,591.00	8,437.00	3,513.50	154.00	0.00	1.79%	0.00%	1	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Power Equipment Operators	9,515.36	9,451.36	4,499.07	64.00	0.00	0.67%	0.00%	3	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Roofers	28.00	14.00	14.00	14.00	0.00	50.00%	0.00%	1	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Sheet Metal Workers/Western WA	500.75	476.75	0.00	24.00	0.00	4.79%	0.00%	2	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Sprinkler Fitters	223.00	0.00	0.00	223.00	0.00	100.00%	0.00%	1	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Teamster/Truck Driver	490.50	490.50	357.50	0.00	0.00	0.00%	0.00%	0	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Total	60,857.36	51,609.86	26,299.07	9,247.50	898.00	15.20%	9.71%	38	8	0.00	0.00	0.00	0.00%	25.50	25.5	1.00	0.28%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 ***Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01025C17

GEORGETOWN WET WEATHER

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Georgetown Wet Weather Treatment Station
 Contract Number: C01025C17
 Prime Contractor: Flatiron West, Inc
 Contract Award Amount: \$96,169,322
 Execution Date: October 23, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
 2019 Apprenticeship Rate: 18.74%
 ***Cumulative Apprenticeship Rate: 16.49%

Priority Hire Journey Worker Requirement: 12.00%
 2019 Priority Hire Journey Worker Rate: 27.50%
 Cumulative Priority Hire Journey Worker Rate: 21.64%

Priority Hire Apprentice Requirement: 5.00%
 2019 Priority Hire Apprentice Rate: 46.00%
 ****Cumulative Priority Hire Apprentice Rate: 43.58%

Construct a new 70 million gallon per day capacity wet weather treatment station for treating combined sewer overflow (CSO) wastewater.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% Apprentice Hours	% PH Apprentice Hours	Total # Apprentices	Total # PH Apprentices	**Apprentice Hours								
										**Women	PH Women Hours	# PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%	
Asbestos Abatement Workers	24.00	24.00	0.00	0.00	0.00	0.00%	0.00%	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	0.00	0.00%
Brick Masons	65.50	0.00	0.00	65.50	0.00	100.00%	0.00%	1	0	0.00	0.00	0.00	0.00%	65.50	0.00	0.00	100.00%	
Carpenter, Pledriver/Western WA	33,033.00	25,380.00	10,215.50	7,653.00	3,477.00	23.17%	45.43%	21	9	2,423.50	1,455.50	3.00	31.67%	3,573.00	1,625.00	7.00	0.00%	
Cement Masons	1,809.50	1,269.00	298.50	540.50	532.50	29.87%	98.52%	4	3	9.00	9.00	1.00	1.67%	89.00	89.00	2.00	16.47%	
Electricians	7,258.50	4,579.50	260.50	2,679.00	925.00	36.91%	34.53%	7	3	925.00	925.00	3.00	34.53%	417.00	0.00	0.00	15.57%	
Ironworkers	5,984.00	5,312.00	414.00	672.00	80.00	11.23%	11.90%	10	2	321.00	80.00	2.00	47.77%	98.00	16.00	1.00	14.58%	
Laborers/ Western WA	11,611.75	9,614.25	4,343.25	1,997.50	16.00	17.20%	0.80%	4	1	0.00	0.00	0.00	0.00%	16.00	16.00	1.00	0.80%	
Plumbers & Pipefitters/ Western WA	5,084.00	4,063.25	339.25	1,020.75	1,020.75	20.08%	100.00%	3	3	142.00	142.00	1.00	13.91%	0.00	0.00	0.00	0.00%	
Power Equipment Operators	19,489.75	17,818.75	2,631.50	1,671.00	1,446.50	8.57%	86.56%	4	3	1,230.00	1,230.00	2.00	73.61%	1,230.00	1,230.00	2.00	73.61%	
Truck Drivers	2,593.75	2,593.75	929.25	0.00	0.00	0.00%	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-	
Total	86,953.75	70,654.50	19,431.75	16,299.25	7,497.75	18.74%	46.00%	54	24	5,050.50	3,841.50	12.00	30.99%	5,488.50	2,976.00	13.00	33.67%	

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01071C17 GEORGETOWN - CONVEYANCE

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Georgetown Wet Weather Treatment Station - Conveyance
 Contract Number: C01071C17
 Prime Contractor: James W Fowler Company
 Contract Award Amount: \$16,599,500
 Execution Date: July 11, 2018
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
 2019 Apprenticeship Rate: 12.02%
 ***Cumulative Apprenticeship Rate: 11.34%

Priority Hire Journey Worker Requirement: 12.00%
 2019 Priority Hire Journey Worker Rate: 38.39%
 **Cumulative Priority Hire Journey Worker Rate: 61.46%

Priority Hire Apprentice Requirement: 5.00%
 2019 Priority Hire Apprentice Rate: 62.72%
 ****Cumulative Priority Hire Apprentice Rate: 32.90%

The work of this contract is to construct a pipeline for conveying the treated effluent from the Georgetown Wet Weather Treatment Station to a new outfall in the

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% Apprentice Hours	% PH Apprentice Hours	Total # Apprentices	Total # PH Apprentices	**Apprentice Hours							
										*Women	PH Women Hours	Women Workers	%	Minorities	PH Hours	PH Minorities	%
Asbestos Abatement Workers	330.75	0.00	0.00	330.75	330.75	100.00%	100.00%	2	2	0.00	0.00	0.00	0.00%	289.25	289.25	1.00	87.45%
Carpenter, Piledriver/Western WA	1,270.00	1,217.00	870.00	53.00	48.00	4.17%	90.57%	2	1	0.00	0.00	0.00	0.00%	53.00	48.00	1.00	100.00%
Cement Masons	130.00	30.00	0.00	100.00	0.00	76.92%	0.00%	5	0	0.00	0.00	0.00	0.00%	70.00	0.00	0.00	70.00%
Electricians	1,265.50	871.50	186.00	394.00	78.00	31.13%	19.80%	7	3	78.00	78.00	3.00	19.80%	64.00	0.00	0.00	16.24%
Ironworker/Western WA	118.00	97.00	24.00	21.00	0.00	17.80%	0.00%	2	0	0.00	0.00	0.00	0.00%	11.00	0.00	0.00	52.38%
Laborers/ Western WA	12,880.53	10,085.53	5,867.28	2,795.00	2,047.50	21.70%	73.26%	15	9	488.00	0.00	0.00	17.46%	1,022.00	768.50	5.00	36.57%
Power Equipment Operators	12,834.62	12,535.62	2,091.05	299.00	0.00	2.33%	0.00%	3	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Teamster/Truck Driver	4,397.60	4,397.60	2,183.35	0.00	0.00	0.00%	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Technical Engineer	0.00	0.00	0.00	0.00	0.00	-	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Total	33,227.00	29,234.25	11,221.68	3,992.75	2,504.25	12.02%	62.72%	36.00	15.00	566.00	78.00	3.00	14.18%	1,509.25	1,105.75	7.00	37.80%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01072C17 GEORGETOWN - OUTFALL

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Georgetown Wet Weather Treatment Station - Outfall
 Contract Number: C01072C17
 Prime Contractor: PACIFIC PILE & MARINE, L.P.
 Contract Award Amount: \$4,672,000
 Execution Date: December 29, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
2019 Apprenticeship Rate: 8.63%
*****Cumulative Apprenticeship Rate:** 9.53%

Priority Hire Journey Worker Requirement: 12.00%
2019 Priority Hire Journey Worker Rate: 38.49%
*****Cumulative Priority Hire Journey Worker Rate:** 24.11%

Priority Hire Apprentice Requirement: 5.00%
2019 Priority Hire Apprentice Rate: 22.59%
*******Cumulative Priority Hire Apprentice Rate:** 69.58%

Reduce the discharge of untreated combined sewer overflows to the Lower Duwamish Waterway during wet weather

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% of Total Hours	% PH Apprentice Hours	Total # Apprentices	Total # PH Apprentice Workers	**Apprentice Hours							
										*Women	PH Women Hours	# PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%
Carpenter, Piledriver/Western WA	4,297.00	4,297.00	1,478.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	
Power Equipment Operator	2,968.50	2,300.00	1,121.50	668.50	151.00	22.52%	22.59%	4	1	151.00	151.00	1.00	22.59%	664.50	151.00	1.00	99.40%
Elevator Constructor Mechanic	0.00	0.00	0.00	0.00	0.00	-	-	0	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Laborers/ Western WA	202.00	202.00	2.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Teamster/Truck Driver	280.50	280.50	123.50	0.00	0.00	0.00%	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Total	7,748.00	7,079.50	2,725.00	668.50	151.00	8.63%	22.59%	4.00	1.00	151.00	151.00	1.00	22.59%	664.50	151.00	1.00	99.40%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01129C17

CEDAR HILL AREA 7 & 8 CLOSURE

Department Name: Natural Resources & Parks
 Division: Solid Waste Division
 Project Name: Construction of Cedar Hills Regional Landfill (CHRLF) Area 8 Refuse Facility and Area 7 Stage 3 & 4 Closure Project
 Contract Number: C01129C17
 Prime Contractor: Scarsella Bros., Inc.
 Contract Award Amount: \$32,619,010
 Execution Date: June 2, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
Apprenticeship Rate: 2019 24.04%
*****Cumulative Apprenticeship Rate:** 18.50%

Priority Hire Journey Worker Requirement: 12.00%
Priority Hire Journey Worker Rate: 2019 11.88%
Cumulative Priority Hire Journey Worker Rate: 21.47%

Priority Hire Apprentice Requirement: 5.00%
Priority Hire Apprentice Rate: 2019 6.76%
*******Cumulative Priority Hire Apprentice Rate:** 22.22%

The construction project consists of two integrated sites adjacent to one another at the Cedar Hills Regional Landfill.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentices Hours	Total PH Apprentices Hours	% of Apprentices Hours	% PH Apprentices Hours	Total # Apprentices	Total # PH Apprentices Workers	**Apprentice Hours							
										*Women	PH Women Hours	PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%
Carpenter, Piledriver/Western WA	230.00	230.00	11.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Electricians	495.00	287.00	0.00	208.00	0.00	42.02%	0.00%	2	0	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Laborer	4,913.25	2,752.00	839.50	2,161.25	0.00	0.00%	0.00%	6	0	0.00	0.00	0.00	-	427.50	0.00	0.00	-
Plumbers & Pipefitters/ Western WA	0.00	0.00	31.00	0.00	0.00	-	-	0	0	0.00	0.00	0.00	-	0.00	0.00	0.00	-
Power Equipment Operator	4,734.60	4,561.60	39.50	173.00	173.00	3.65%	100.00%	1	1	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00%
Teamster/Truck Drivers	273.70	256.20	39.50	17.50	0.00	6.39%	0.00%	2	0	8.00	0.00	0.00	45.71%	17.50	0.00	0.00	100.00%
Total	10,646.55	8,086.80	960.50	2,559.75	173.00	24.04%	6.76%	11	1	8.00	0.00	0.00	0.31%	445.00	0.00	0.00	17.38%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01132C17

JOB ORDER CONTRACT 2017-B

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Job Order Contract 2017-B
 Contract Number: C01132C17
 Prime Contractor: HITT Contracting, Inc
 Contract Award Amount: \$6,000,000
 Execution Date: November 15, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 10.00%
Construction Completed:
*****Cumulative Apprenticeship Rate:** 7.46%

selective demolition, repair, remodeling, restoration, critical areas restoration (rive) and construction of public buildings/facilities, wastewater facilities, industrial facilities and their associated infrastructure

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Accounts Payable Clerk	0.00	0.00	0.00	-	0	0.00	-	0.00	-
Asbestos Worker	34.50	34.50	0.00	0.00%	0	0.00	-	0.00	-
Brick Layer	76.00	76.00	0.00	0.00%	0	0.00	-	0.00	-
Carpenter	160.20	160.20	0.00	0.00%	0	0.00	-	0.00	-
Cement Mason	719.50	719.50	0.00	0.00%	0	0.00	-	0.00	-
Electric Lineman	110.00	110.00	0.00	0.00%	0	0.00	-	0.00	-
Electrician	403.00	403.00	0.00	0.00%	0	0.00	-	0.00	-
Equipment Operator	1,239.00	1,239.00	0.00	0.00%	0	0.00	-	0.00	-
Glazier	8.00	8.00	0.00	0.00%	0	0.00	-	0.00	-
Inside Wire-man	172.00	0.00	172.00	100.00%	5	0.00	0.00%	0.00	0.00%
Iron Worker	531.00	531.00	0.00	0.00%	0	0.00	-	0.00	-
Ironworker	72.50	0.00	72.50	100.00%	1	0.00	0.00%	72.50	100.00%
Laborer	904.40	904.40	0.00	0.00%	0	0.00	-	0.00	-
Other Trade	7.50	7.50	0.00	0.00%	0	0.00	-	0.00	-
Painter	372.00	372.00	0.00	0.00%	0	0.00	-	0.00	-
Pipe fitter	18.00	18.00	0.00	0.00%	0	0.00	-	0.00	-
Plumber	7.50	7.50	0.00	0.00%	0	0.00	-	0.00	-
Roofer	1,080.00	866.00	214.00	19.81%	4	132.50	61.92%	75.50	35.28%
Surveyor	53.00	53.00	0.00	0.00%	0	0.00	-	0.00	-
Teamster/Truck driver	5.00	5.00	0.00	0.00%	0	0.00	-	0.00	-
Traffic control striper	49.40	49.40	0.00	0.00%	0	0.00	-	0.00	-
Total	6,022.50	5,564.00	458.50	7.61%	10	132.50	28.90%	148.00	32.28%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01133C17

WEST POINT FLARE REPLACEMENT

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: West Point Flare Replacement
 Contract Number: C01133C17
 Prime Contractor: McClure and Sons Inc.
 Contract Award Amount: \$916,634
 Execution Date: April 11, 2018
 Type of Construction: Construction

Apprenticeship Requirement: 10.00%
Apprenticeship Rate: 2019 14.97%
*****Cumulative Apprenticeship Rate:** 19.34%

This project is to replace existing waste biogas burners with new County furnished waste biogas burners (WGB)

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	671.00	462.00	209.00	31.15%	1	0.00	0.00%	0.00	0.00%
Cement Finishers	40.00	40.00	0.00	0.00%	0	0.00	-	0.00	-
Cement Mason	9.00	9.00	0.00	0.00%	0	0.00	-	0.00	-
Electrician	363.00	363.00	0.00	0.00%	0	0.00	-	0.00	-
Equipment Operator	312.00	312.00	0.00	0.00%	0	0.00	-	0.00	-
Heating/Air Conditioning Installer &	37.75	37.75	0.00	0.00%	0	0.00	-	0.00	-
Inside Wire-man	23.00	0.00	23.00	100.00%	1	0.00	0.00%	23.00	100.00%
Ironworker	10.00	10.00	0.00	0.00%	0	0.00	-	0.00	-
Operator	74.00	74.00	0.00	0.00%	0	0.00	-	0.00	-
Pipefitter	10.00	10.00	0.00	0.00%	0	0.00	-	0.00	-
Total	1,549.75	1,317.75	232.00	14.97%	2	0.00	0.00%	23.00	9.91%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01156C17

WPTP OXYGEN GENERATION

Department Name:	Natural Resources & Parks
Division:	Wastewater Treatment Division
Project Name:	WPTP Oxygen Generation and Dissolution System Modifications Project Aerator Upgrade
Contract Number:	C01156C17
Prime Contractor:	McClure and Sons Inc.
Contract Award Amount:	\$6,175,732
Execution Date:	October 17, 2017
Type of Construction:	Construction

Apprenticeship Requirement:	7.00%
Apprenticeship Rate: 2019	26.06%
***Cumulative Apprenticeship Rate:	37.59%

The replacement of 24 existing surface aerators, draft tubes and associated equipment with 24 new aerators and associated equipment including motors, variable speed drives and motor control center.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	293.50	206.50	87.00	29.64%	1	0.00	0.00%	0.00	0.00%
Electrician	11.50	11.50	0.00	0.00%	0	0.00	-	0.00	-
Inside Wire-man	2.50	0.00	2.50	100.00%	1	0.00	0.00%	0.00	0.00%
Operator	36.00	36.00	0.00	0.00%	0	0.00	-	0.00	-
Total	343.50	254.00	89.50*	26.06%	2	0.00*	0.00%	0.00	0.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01187C17

KC REGIONAL AFIS LABORATORY

Department Name: Executive Services - 2
 Division: Facilities Management Division
 Project Name: King County Regional AFIS Laboratory Replacement
 Contract Number: C01187C17
 Prime Contractor: Western Ventures Constr, Inc
 Contract Award Amount: \$6,193,000.00
 Execution Date: November 7, 2018
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
Apprenticeship Rate: 2019 14.50%
*****Cumulative Apprenticeship Rate:** 14.69%

The Base Bid includes all work associated with demolition and reconfiguration of approximately 13,000 square foot of office space on the first floor into a latent fingerprint processing laboratory, including but not limited to: reception and evidence intake area, evidence holding and viewing rooms, main processing lab with four fume hood/sink/oven stations, graphite powder room, clean (DNA) processing room, photo processing lab and studio, alternative light source room, storage and janitorial rooms, employee office and breakroom, training and breakout room, associated HVAC, electrical and related work, including work on the second, third, and roof levels.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Abatement Workers	154.50	114.50	40.00	25.89%	1	0.00	0.00%	0.00	0.00%
Carpenter/Western WA	302.00	0.00	302.00	100.00%	2	0.00	0.00%	302.00	100.00%
Carpenters	6,343.00	5,524.00	819.00	12.91%	2	8.50	1.04%	819.00	100.00%
Cement Masons	205.71	205.71	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Commercial Glazier/Northwest WA	30.00	0.00	30.00	100.00%	2	0.00	0.00%	12.50	41.67%
Drywall Applicator	996.00	964.00	32.00	3.21%	1	0.00	0.00%	32.00	100.00%
Drywall Tapers	400.50	360.50	40.00	9.99%	1	0.00	0.00%	40.00	100.00%
Electricians - Inside	2,412.00	1,839.00	573.00	23.76%	3	0.00	0.00%	0.00	0.00%
Electronic Technicians	233.75	233.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Fence Erectors	134.75	134.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Glaziers	761.50	761.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Heat & Frost Insulators And Asbestos Workers	152.50	152.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Hod Carriers & Mason Tenders	10.50	10.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Inside Wireman	448.00	0.00	448.00	100.00%	7	0.00	0.00%	0.00	0.00%
Insulation Applicators	33.00	33.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Ironworkers	189.00	189.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	3,245.00	3,245.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Painters	612.00	612.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Pile Driver	55.50	55.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Pipefitter/Western WA	29.50	0.00	29.50	100.00%	1	0.00	0.00%	0.00	0.00%
Plasterer/Western WA	111.00	0.00	111.00	100.00%	1	0.00	0.00%	111.00	100.00%
Plasterers	358.00	358.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Plumber/Western WA	154.50	0.00	154.50	100.00%	4	0.00	0.00%	0.00	0.00%
Plumbers & Pipefitters	700.00	700.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	177.75	177.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Roofers	2.50	0.00	2.50	100.00%	1	0.00	0.00%	0.00	0.00%
Roofers	419.00	362.00	57.00	13.60%	4	7.50	13.16%	26.50	46.49%
Sheet Metal Worker/Western WA	309.00	0.00	309.00	100.00%	3	0.00	0.00%	0.00	0.00%
Sheet Metal Workers	3,064.50	2,785.00	279.50	9.12%	2	28.00	10.02%	0.00	0.00%
Soft Floor Layers	246.00	246.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Solar Controls For Windows	51.00	51.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Sprinkler Fitter	16.00	0.00	16.00	100.00%	2	0.00	0.00%	0.00	0.00%
Sprinkler Fitters (Fire Protection)	187.00	123.00	64.00	34.22%	1	0.00	0.00%	0.00	0.00%
Telecommunication Technicians	605.00	549.00	56.00	9.26%	3	40.00	71.43%	8.00	14.29%
Tile Setters	20.00	20.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Traffic Control Strippers	14.00	14.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	15.00	15.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	23,198.96	19,835.96	3,363.00	14.50%	36	84.00	2.50%	1,351.00	40.17%

Notes:

*Hours for Women include minority females
 ***% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01197C17

PIER 50 FLOAT REPLACEMENT

Department Name:	Transportation
Division:	Marine Division - Ferry District
Project Name:	Pier 50 Float Replacement Project (Design-Build)
Contract Number:	C01197C17
Prime Contractor:	Manson Construction Inc.
Contract Award Amount:	\$7,180,000
Execution Date:	March 5, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	10.00%
Apprenticeship Rate: 2019	16.50%
***Cumulative Apprenticeship Rate:	16.05%

Design, construct and deliver new monolithic concrete float

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter, Piledriver	136.00	0.00	136.00	100.00%	3	68.00	50.00%	60.00	44.12%
Electrician	518.00	518.00	0.00	0.00%	0	0.00	-	0.00	-
Hoisting Engineers	182.00	0.00	182.00	100.00%	1	0.00	0.00%	0.00	0.00%
Inside Wire-man	557.00	0.00	557.00	100.00%	3	0.00	0.00%	0.00	0.00%
Lineman	15.50	15.50	0.00	0.00%	0	0.00	-	0.00	-
Operator	744.00	744.00	0.00	0.00%	0	0.00	-	0.00	-
Other Trade	77.00	77.00	0.00	0.00%	0	0.00	-	0.00	-
Pile Driver Operator	95.00	95.00	0.00	0.00%	0	0.00	-	0.00	-
Piledriver	2,878.00	2,878.00	0.00	0.00%	0	0.00	-	0.00	-
Pipe fitter	100.00	100.00	0.00	0.00%	0	0.00	-	0.00	-
Total	5,302.50	4,427.50	875.00	16.50%	7	68.00	7.77%	60.00	6.86%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01207C17

ENVIROMENTAL LAB FUME HOOD

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Environmental Lab Fume Hood Replacement (rebid)
 Contract Number: C01207C17
 Prime Contractor: McKinstry
 Contract Award Amount: \$4,382,042
 Execution Date: December 7, 2017
 Type of Construction: Construction

Apprenticeship Requirement: 10.00%
Apprenticeship Rate: 2019 17.98%
*****Cumulative Apprenticeship Rate:** 15.23%

The work is to remove and replace multiple existing fume hoods and upgrade mechanical systems.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Worker	8.00	0.00	8.00	100.00%	1	0.00	0.00%	8.00	100.00%
Carpenter	1,298.00	1,114.00	184.00	14.18%	2	138.00	75.00%	0.00	0.00%
Carpenter, Scaffold Erector	6.00	0.00	6.00	100.00%	1	0.00	0.00%	6.00	100.00%
Electrician	1,052.00	1,052.00	0.00	0.00%	0	0.00	-	0.00	-
Electronic Systems Technician	15.50	15.50	0.00	0.00%	0	0.00	-	0.00	-
Glaziers	15.00	15.00	0.00	0.00%	0	0.00	-	0.00	-
HVAC (Sheet Metal) Worker	357.70	357.70	0.00	0.00%	0	0.00	-	0.00	-
HVAC Test, Adjust and Balance Te	85.60	0.00	85.60	100.00%	3	59.30	69.28%	7.30	8.53%
HVAC/Refrigeration Mechanic	136.00	0.00	136.00	100.00%	3	0.00	0.00%	0.00	0.00%
Inside Wire-man	1,001.50	0.00	1,001.50	100.00%	2	0.00	0.00%	0.00	0.00%
Inside Wireman	2,246.50	2,246.50	0.00	0.00%	0	0.00	-	0.00	-
Insulation Worker	150.00	150.00	0.00	0.00%	0	0.00	-	0.00	-
Laborer	14.50	0.00	14.50	100.00%	1	0.00	0.00%	14.50	100.00%
Maint Plumber/Steamfitter	32.00	0.00	32.00	100.00%	1	0.00	0.00%	0.00	0.00%
Pipe fitter	84.00	84.00	0.00	0.00%	0	0.00	-	0.00	-
Pipe-fitter	36.00	36.00	0.00	0.00%	0	0.00	-	0.00	-
Pipefitter	260.00	260.00	0.00	0.00%	0	0.00	-	0.00	-
Pipefitters	328.00	112.00	216.00	65.85%	1	0.00	0.00%	216.00	100.00%
Plumber	652.00	598.00	54.00	8.28%	2	0.00	0.00%	16.00	29.63%
Refrigeration Mechanic	206.00	206.00	0.00	0.00%	0	0.00	-	0.00	-
Refrigeration Mechanics	140.00	140.00	0.00	0.00%	0	0.00	-	0.00	-
Sheet Metal Worker	1,750.50	1,710.50	40.00	2.29%	1	0.00	0.00%	0.00	0.00%
Sprinkler Fitter	12.00	12.00	0.00	0.00%	0	0.00	-	0.00	-
Surveyor	2.00	2.00	0.00	0.00%	0	0.00	-	0.00	-
Total	9,888.80	8,111.20	1,777.60	17.98%	18	197.30	11.10%	267.80	15.07%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01208C18

WPTP C1-C2 RESERVOIR MODIFICATIONS

Department Name:	Natural Resources & Parks - 2
Division:	Wastewater Treatment Division
Project Name:	WPTP C1-C2 Reservoir Modifications
Contract Number:	C01208C18
Prime Contractor:	Award Construction, Inc.
Contract Award Amount:	\$1,359,000.00
Execution Date:	July 3, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	7.00%
Apprenticeship Rate: 2019	11.52%
***Cumulative Apprenticeship Rate:	13.43%

The work of this Contract includes modifications to piping for installation of new flow control, isolation valves and above-grade air gaps, improvements to construction site access trail, structural separation of the existing C1 and C2 reservoir vaults including piping, installation of temporary water connections, installation of new access hatches, modification of mechanical room entrance, installation of controls and electrical to monitor equipment, trenching and installation of 450 feet of overflow drain line, pedestrian pathways during construction, protection and restoration of vegetation, regrading of soil, and all other work as defined in the Contract Documents.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenters	625.00	362.50	262.50	42.00%	1	0.00	0.00%	0.00	0.00%
Electricians	107.00	58.00	49.00	45.79%	2	0.00	0.00%	0.00	0.00%
Fence Erectors	6.00	6.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Flaggers	214.50	214.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	1,177.50	1,177.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Landscape Construction	140.00	140.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Plumbers & Pipefitters	95.50	95.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	325.50	325.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Teamster/Truck Drivers	13.00	13.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	2,704.00	2,392.50	311.50	11.52%	3	0.00	0.00%	0.00	0.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01224C17

TRANSIT 2018-2019 WORK ORDER

Department Name:	Transportation
Division:	Transit Division
Project Name:	Transit Passenger Facilities Improvements 2018-2019 Work Order
Contract Number:	C01224C17
Prime Contractor:	Tokita Construction, Inc.
Contract Award Amount:	\$500,000
Execution Date:	March 12, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	3.00%
Apprenticeship Rate: 2019	19.19%
***Cumulative Apprenticeship Rate:	9.84%

Construction of improvements at King County Transit Facilities.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Cement Finishers	608.50	608.50	0.00	0.00%	0	0.00	-	0.00	-
Flagger	458.25	458.25	0.00	0.00%	0	0.00	-	0.00	-
Laborer	1,056.50	649.00	407.50	38.57%	1	0.00	0.00%	407.50	100.00%
Total	2,123.25	1,715.75	407.50	19.19%	1	0.00	0.00%	407.50	100.00%

Notes:

- *Hours for Women include minority females
- **% of Women and Minorities participation is percent of total apprentice hours
- *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01231C18

SOUTH TREATMENT PLANT

Division:	Wastewater Treatment Division
Project Name:	South Treatment Plant Pipe Replacement and Support Upgrades Project
Contract Number:	C01231C18
Prime Contractor:	Hawk Mechanical Contractors, Inc
Contract Award Amount:	\$1,897,900.00
Execution Date:	October 1, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	15.00%
Apprenticeship Rate: 2019	27.84%
***Cumulative Apprenticeship Rate:	22.54%

The Work of this Contract includes pipe replacement and support upgrades for the King County South Treatment Plant (STP). Work includes, but is not limited to: removal and disposal of piping, anchor pull tests, installation of isolation valves, design and installation of temporary piping systems for service connections, lead paint abatement control/containment for demolition of existing piping, installation of seismic restraints, modification of pipe racks to repair, reinforce, or replace, phased installation of new pipe system headers, service connections, additional supports for new isolation valves and piping, testing of new piping system for service, required documentation and all other Work as described in the Contract Documents.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Plumbers & Pipefitters/Western WA	4,842.50	3,719.00	1,123.50	23.20%	2	0.00	0.00%	0.00	0.00%
Total	4,842.50	3,719.00	1,123.50	23.20%	2	0.00	0.00%	0.00	0.00%

Notes:

- *Hours for Women include minority females
- **% of Women and Minorities participation is percent of total apprentice hours
- *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01243C18 PSERN - BID PACKAGE 5

Department Name: King County Information Technology
 Division: Information Technology
 Project Name: PSERN Radio System Multi Site Improvement - Bid Package 5
 Contract Number: C01243C18
 Prime Contractor: Summit Solutions Group, LLC
 Contract Award Amount: \$2,500,000
 Execution Date: July 24, 2018
 Type of Construction: Construction

Apprenticeship Requirement: 8.00%
Apprenticeship Rate: 2019 2.13%
*****Cumulative Apprenticeship Rate:** 3.70%

This solicitation is for construction at five (5) radio sites as part of King County's new land mobile radio system for the Puget Sound Emergency Radio Network.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	370.00	370.00	0.00	0.00%	0	0.00	-	0.00	-
Concrete Boom Pumper	8.75	8.75	0.00	0.00%	0	0.00	-	0.00	-
Electrician	420.75	289.25	131.50	31.25%	3	0.00	0.00%	0.00	0.00%
Equipment Operator	638.75	638.75	0.00	0.00%	0	0.00	-	0.00	-
Fence Erector	238.00	238.00	0.00	0.00%	0	0.00	-	0.00	-
Iron Worker	2,498.63	2,498.63	0.00	0.00%	0	0.00	-	0.00	-
Ironworker	30.00	30.00	0.00	0.00%	0	0.00	-	0.00	-
Laborer	1,463.25	1,463.25	0.00	0.00%	0	0.00	-	0.00	-
Operator	345.50	345.50	0.00	0.00%	0	0.00	-	0.00	-
Other Trade	71.00	71.00	0.00	0.00%	0	0.00	-	0.00	-
Sheet Metal Worker	22.00	22.00	0.00	0.00%	0	0.00	-	0.00	-
Teamster/Truck driver	58.50	58.50	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver	6.00	6.00	0.00	0.00%	0	0.00	-	0.00	-
Total	6,171.13	6,039.63	131.50	2.13%	3	0.00	0.00%	0.00	0.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01256C18

SODO COMFORT STATION 1

Department Name:	Transportation
Division:	Transit Division
Project Name:	SODO Comfort Station 1 Construction (Rebid)
Contract Number:	C01256C18
Prime Contractor:	Shaiman Contracting Inc
Contract Award Amount:	\$389,360
Execution Date:	July 20, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	5.00%
Apprenticeship Rate: 2019	11.21%
***Cumulative Apprenticeship Rate:	6.44%

This contract consists of the construction of a new 96 gsf self-contained single unit comfort station facility adjacent to the existing bus layover.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	21.75	21.75	0.00	0.00%	0	0.00	-	0.00	-
Construction Electrician	24.00	0.00	24.00	100.00%	1	0.00	0.00%	0.00	0.00%
Electrician	56.75	56.75	0.00	0.00%	0	0.00	-	0.00	-
Laborer	37.50	29.50	8.00	21.33%	1	8.00	100.00%	8.00	100.00%
Operator	118.00	118.00	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver	27.50	27.50	0.00	0.00%	0	0.00	-	0.00	-
Total	285.50	253.50	32.00	11.21%	2	8.00	25.00%	8.00	25.00%

Notes:

- *Hours for Women include minority females
- **% of Women and Minorities participation is percent of total apprentice hours
- *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01257C18 PSERN - BID PACKAGE 6

Department Name: King County Information Technology
 Division: Information Technology
 Project Name: PSERN Bid Package 6
 Contract Number: C01257C18
 Prime Contractor: Summit Solutions Group, LLC
 Contract Award Amount: \$2,500,000
 Execution Date: September 18, 2018
 Type of Construction: Construction

Apprenticeship Requirement: 5.00%
Apprenticeship Rate: 2019 2.24%
*****Cumulative Apprenticeship Rate:** 3.95%

This solicitation is for construction at 6 radio sites at part of King County's new land mobile radio system for the PSERN.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenter	283.50	283.50	0.00	0.00%	0	0.00	-	0.00	-
Cement Mason	81.00	58.00	23.00	28.40%	1	0.00	0.00%	0.00	0.00%
Concrete Boom Pumper	9.50	9.50	0.00	0.00%	0	0.00	-	0.00	-
Electrician	480.25	440.75	39.50	8.22%	2	0.00	0.00%	0.00	0.00%
Equipment Operator	604.75	604.75	0.00	0.00%	0	0.00	-	0.00	-
Fence Erector	187.50	187.50	0.00	0.00%	0	0.00	-	0.00	-
Hoisting Engineers	30.50	0.00	30.50	100.00%	1	0.00	0.00%	0.00	0.00%
Iron Worker	232.50	232.50	0.00	0.00%	0	0.00	-	0.00	-
Ironworker	921.50	921.50	0.00	0.00%	0	0.00	-	0.00	-
Laborer	1,788.50	1,766.50	22.00	1.23%	1	0.00	0.00%	22.00	100.00%
Line-Electrician	284.00	284.00	0.00	0.00%	0	0.00	-	0.00	-
Locksmith	0.50	0.50	0.00	0.00%	0	0.00	-	0.00	-
Operator	70.50	70.50	0.00	0.00%	0	0.00	-	0.00	-
Sheet Metal Worker	14.00	14.00	0.00	0.00%	0	0.00	-	0.00	-
Teamster/Truck driver	90.00	90.00	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver	44.00	44.00	0.00	0.00%	0	0.00	-	0.00	-
Total	5,122.50	5,007.50	115.00	2.24%	5	0.00	0.00%	22.00	19.13%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01263C18

THIRD AVENUE ORCA READER IMPROVEMENTS

Department Name: Metro Transit - 2
 Division: Capital Project
 Project Name: Third Avenue ORCA Reader Improvements
 Contract Number: C01263C18
 Prime Contractor: Gary Merlino Construction Co., Inc.
 Contract Award Amount: \$2,821,380.00
 Execution Date: March 20, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 5.00%
Apprenticeship Rate: 2019 24.01%
 ***Cumulative Apprenticeship Rate: 22.14%

Work under this Contract shall consist of supplying all labor, materials, tools, equipment and services necessary for the site preparation and the construction of new, or the improvement of existing bus zones (Zones) within the jurisdiction of the City of Seattle, Washington. Work in each Zone shall include elements and components such as concrete foundations, sidewalk and pavement restoration, electrical wiring, electrical connection to power sources, installation of power pedestal and other work as shown on the Contract Drawings. Each Zone shall be constructed in preparation for the future installation of technology pylons and/or associated furniture by others, not included in this Contract.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Abatement Workers	19.00	0.00	19.00	100.00%	1	0.00	0.00%	19.00	100.00%
Cement Masons	600.00	312.00	288.00	48.00%	8	0.00	0.00%	52.00	18.06%
Electricians - Inside	320.50	304.50	16.00	4.99%	1	0.00	0.00%	0.00	0.00%
Electricians - Powerline Construction	56.00	56.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Flaggers	171.50	163.50	8.00	4.66%	1	0.00	0.00%	8.00	100.00%
Laborers	1,682.00	1,209.00	473.00	28.12%	6	0.00	0.00%	440.00	93.02%
Power Equipment Operators	380.25	380.25	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Telephone Line Construction - Outside	54.00	54.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	65.00	65.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	3,348.25	2,544.25	804.00	24.01%	16	0.00	0.00%	519.00	64.55%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01264C18

2018 COUNTYWIDE PAVEMENT

Department Name:	Transportation
Division:	Road Services Division
Project Name:	2018 Countywide Pavement Preservation
Contract Number:	C01264C18
Prime Contractor:	Miles Resources, LLC
Contract Award Amount:	\$10,266,266
Execution Date:	August 9, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	7.00%
Apprenticeship Rate: 2019	6.22%
***Cumulative Apprenticeship Rate:	7.63%

This project provides for the improvement of 40.21 miles of roadway in King County.

Apprentice Utilization by Trade/Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Constr Equip Operator	187.00	0.00	187.00	100.00%	4	0.00	0.00%	0.00	0.00%
Electric Lineman	40.00	40.00	0.00	0.00%	0	0.00	-	0.00	-
Electrician	19.00	19.00	0.00	0.00%	0	0.00	-	0.00	-
Equipment Operator	5,962.75	5,962.75	0.00	0.00%	0	0.00	-	0.00	-
Flagger	1,549.00	1,549.00	0.00	0.00%	0	0.00	-	0.00	-
Heavy Duty Equipment Mechanic	9.25	9.25	0.00	0.00%	0	0.00	-	0.00	-
Ironworker	48.00	0.00	48.00	100.00%	1	0.00	0.00%	0.00	0.00%
Laborer	7,492.25	6,615.75	876.50	11.70%	6	27.50	3.14%	27.50	3.14%
Tractor-Trailer Truck Driver (Non-C	38.50	38.50	0.00	0.00%	0	0.00	-	0.00	-
Traffic control striper	68.00	68.00	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver	8,087.57	8,087.57	0.00	0.00%	0	0.00	-	0.00	-
Truck Driver Heavy Construction	372.25	0.00	372.25	100.00%	3	192.00	51.58%	0.00	0.00%
Total	23,873.57	22,389.82	1,483.75	6.22%	14	219.50	14.79%	27.50	1.85%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01293C18

STP RSP MEDIUM VOLTAGE SWITCHGEAR

Department Name:	Natural Resources & Parks - 2
Division:	Wastewater Treatment Division
Project Name:	STP RSP Medium Voltage Switchgear Replacement
Contract Number:	C01293C18
Prime Contractor:	Burke Electric LLC
Contract Award Amount:	\$2,889,206.00
Execution Date:	December 21, 2018
Type of Construction:	Construction

Apprenticeship Requirement:	10.00%
Apprenticeship Rate: 2019	20.06%
***Cumulative Apprenticeship Rate:	19.95%

The work of this Contract includes, replacement of medium voltage switchgear and power transformers, associated feeders, power and controls and other related work, at a specified buildings with in the treatment plant. Provide temporary power, switchgears and cabling for transitions. Other related work includes modifications including equipment pads, switchgear room floor for existing and new electrical penetrations, modifications to existing transformers yard fencing, and sealing the electrical room.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Cement Masons	115.00	115.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Electricians - Inside	5,196.00	4,008.00	1,188.00	22.86%	5	0.00	0.00%	40.00	3.37%
Electricians - Powerline Construction	369.00	369.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Fence Erectors	20.00	20.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	178.25	178.25	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Plumbers & Pipefitters	7.00	7.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	36.00	36.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	5,921.25	4,733.25	1,188.00	20.06%	5	0.00	0.00%	40.00	3.37%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01294C18

LOWER RUSSELL LEVEE SETBACK

Department Name: Natural Resources & Parks
 Division: Water & Land Resources Division
 Project Name: Lower Russell Levee Setback Construction Phase 1
 Contract Number: C01294C18
 Prime Contractor: Prospect Construction
 Contract Award Amount: \$6,465,882.10
 Execution Date: July 24, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
2019 Apprenticeship Rate: 6.38%
*****Cumulative Apprenticeship Rate:** 6.38%

Priority Hire Journey Worker Requirement: 15.00%
2019 Priority Hire Journey Worker Rate: 41.50%
******Cumulative Priority Hire Journey Worker Rate:** 41.50%

Priority Hire Apprentice Requirement: 15.00%
2019 Priority Hire Apprentice Rate: 81.43%
******Cumulative Priority Hire Rate:** 81.43%

Work consists of erosion and sediment control, grading, excavation, water main, concrete cast-in-place floodwall and revegetation over a project site of roughly 14 acres. Approximately 2,400 linear feet of floodwall and 3,700 of water main will be constructed as part of this project.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% Apprentice Hours	% PH Apprentice Hours	Total # Apprentices	Total # PH Apprentice Workers	**Apprentice Hours							
										*Women	PH Women Hours	# PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%
Carpenters, Piledriver/Western WA	1,123.00	784.50	173.50	338.50	240.00	13.55%	70.90%	4	3	50.00	50.00	1	14.77%	109.50	109.50	2	32.35%
Cement Masons	11.00	11.00	0.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Ironworker/Western WA	49.00	49.00	49.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Laborers/ Western WA	1,756.75	1,564.75	750.75	192.00	192.00	11.02%	100.00%	1	1	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Power Equipment Operators	4,148.50	4,148.50	1,441.50	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Teamster/Truck Drivers	1,233.25	1,233.25	818.25	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Total	8,321.50	7,791.00	3,233.00	530.50	432.00	6.38%	81.43%	5	4	50.00	50.00	1	9.43%	109.50	109.50	2	20.64%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date

*****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01296C18

INTERIM BASE BUILDING DEMOLITION

Department Name:	Metro Transit - 2
Division:	Capital Project
Project Name:	Interim Base Building Demolition Project
Contract Number:	C01296C18
Prime Contractor:	Rhine Demolition LLC
Contract Award Amount:	\$2,023,100.00
Execution Date:	January 7, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	12.00%
Apprenticeship Rate: 2019	8.79%
***Cumulative Apprenticeship Rate:	8.79%

The Work of this contract includes, but is not limited to: Removal and relocation of salvage items; Abatement of hazardous materials; Removal of building structures, foundations, and paving, curbs, light poles and foundations; Removal of bridge structure; Removal underground fuel tanks; Removal of chiller; Termination and capping of utilities; erosion control measures; Rough grading; Construct new concrete driveway/curb-cut entrance; asphalt paving; Install new motorized gate including power and access controls.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Abatement Workers	619.00	555.00	64.00	10.34%	1	0.00	0.00%	0.00	0.00%
Carpenters	33.00	33.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Fence Erectors	25.50	25.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	2,301.80	1,825.80	476.00	20.68%	6	0.00	0.00%	403.00	84.66%
Power Equipment Operators	2,535.25	2,480.25	55.00	2.17%	4	0.00	0.00%	9.00	16.36%
Refrigeration & Air Conditioning Mechanics	39.00	39.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Surveyors	20.50	20.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Traffic Control Stripers	11.50	11.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	1,186.75	1,186.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	6,772.30	6,177.30	595.00	8.79%	11	0.00	0.00%	412.00	69.24%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01300C18 SOUTH BASE EXPANSION

Department Name: Metro Transit
 Division: Capital Project
 Project Name: South Base Expansion Development Project
 Contract Number: C01300C18
 Prime Contractor: Prospect Construction
 Contract AWArd Amount: \$23,000,000.00
 Execution Date: June 14, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
2019 Apprenticeship Rate: 18.67%
*****Cumulative Apprenticeship Rate: 18.67%**

Priority Hire Journey Worker Requirement: 15.00%
2019 Priority Hire Journey Worker Rate: 29.57%
ulative Priority Hire Journey Worker Rate: 29.57%

Priority Hire Apprentice Requirement: 15.00%
2019 Priority Hire Apprentice Rate: 49.70%
******Cumulative Priority Hire Rate: 49.70%**

King County is developing an interim bus base which will dispatch between 90 to 126 buses, and provide all related services to manage and repair buses. The Work under this Contract is defined by the Contract Documents to be issued on a per Work Order basis. The Contractor shall be required to mobilize and perform installations and modifications at South Base. Work includes, but is not limited to, site improvements; lighting, utilities, storm water retention, pavement, and striping. A large concrete storm water retention tank will be built at the east end of the property. The storm water retention pond will be filled in and used to stage the operation Modular Units. Landscaping disturbed by construction will be repaired, along with enhanced landscaping as required by jurisdictions.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentices Hours	Total PH Apprentices Hours	% Apprentices Hours	% PH Apprentices Hours	Total # Apprentices	Total # PH Apprentices	**Apprentice Hours							
										*Women	PH Women Hours	# PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%
Asbestos Abatement Workers	32.00	0.00	0.00	32.00	32.00	100.00%	100.00%	1	1	0.00	0.00	0	0.00%	32.00	32.00	1	100.00%
Carpenters	5,112.25	3,462.75	450.25	1,649.50	839.50	32.27%	50.89%	6	2	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Cement Masons	8.00	8.00	0.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Electricians - Inside	883.00	573.00	54.00	310.00	217.00	35.11%	70.00%	3	1	0.00	0.00	0	0.00%	61.00	0.00	0	19.68%
Ironworkers	258.50	204.50	204.50	54.00	0.00	20.89%	0.00%	5	0	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Laborers	3,825.50	3,693.50	1,917.50	132.00	132.00	3.45%	100.00%	2	2	0.00	0.00	0	0.00%	132.00	132.00	2	100.00%
Painters	117.32	117.32	0.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Plumbers & Pipefitters Western WA	174.50	138.50	43.00	36.00	36.00	20.63%	100.00%	1	1	36.00	36.00	1	100.00%	0.00	0.00	0	0.00%
Power Equipment Operators	4,602.25	3,979.75	689.75	622.50	153.00	13.53%	24.58%	2	1	0.00	0.00	0	0.00%	153.00	153.00	1	24.58%
Truck Drivers	174.75	174.75	46.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Total	15,188.07	12,352.07	3,405.00	2,836.00	1,409.50	18.67%	49.70%	20	8	36.00	36.00	1	1.27%	378.00	317.00	4	13.33%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01303C18

MONTLAKE HUB CAPITOL IMPROVEMENTS

Department Name:	Metro Transit - 2
Division:	Capital Project
Project Name:	Montlake Hub Capitol Improvements
Contract Number:	C01303C18
Prime Contractor:	Jansen Inc.
Contract Award Amount:	\$3,445,598.01
Execution Date:	June 6, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	15.00%
Apprenticeship Rate: 2019	19.30%
***Cumulative Apprenticeship Rate:	19.81%

The Work includes improvements of 2 bus zones in the City of Seattle. The Work also includes modifications of roadways and channelization to facilitate bus movements.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentices Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Abatement Workers	230.50	8.00	222.50	96.53%	1	0.00	0.00%	0.00	0.00%
Cement Masons	2,870.50	2,490.50	380.00	13.24%	5	0.00	0.00%	377.00	99.21%
Electricians - Inside	649.00	466.00	183.00	28.20%	2	45.25	24.73%	45.25	24.73%
Flaggers	901.50	901.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	1,127.00	397.00	730.00	64.77%	6	32.50	4.45%	496.50	68.01%
Landscape Construction	88.00	88.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	1,356.25	1,356.25	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Surveyors	56.00	56.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Traffic Control Stripers	145.50	110.00	35.50	24.40%	3	0.00	0.00%	0.00	0.00%
Truck Drivers	612.50	612.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	8,036.75	6,485.75	1,551.00	19.30%	17	77.75	5.01%	918.75	59.24%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01307C18 EASTSIDE INTERCEPTOR

Department Name: Natural Resources & Parks
 Division: Wastewater Treatment Division
 Project Name: Eastside Interceptor Section 2 Rehabilitation Phase II
 Contract Number: C01307C18
 Prime Contractor: Kiewit Infrastructure West Co.
 Contract Award Amount: \$18,600,000.00
 Execution Date: March 29, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
 2019 Apprenticeship Rate: 20.72%
 ***Cumulative Apprenticeship Rate: 20.72%

Priority Hire Journey Worker Requirement: 15.00%
 2019 Priority Hire Journey Worker Rate: 19.11%
 ****Cumulative Priority Hire Journey Worker Rate: 19.11%

Priority Hire Apprentice Requirement: 15.00%
 2019 Priority Hire Apprentice Rate: 35.06%
 ****Cumulative Priority Hire Apprentice Rate: 35.06%

The Work to be performed under this Contract consists of rehabilitation of a 96-inch diameter reinforced concrete pipe damaged by the effects of hydrogen sulfide gas. The work of this Contract includes: shoring and excavation, interceptor flow meter installation and removal, installation, operation, and removal of a sewage bypass pumping and piping system, rehabilitation of approx. 3,700 linear feet of reinforced concrete pipe, rehabilitation of eight maintenance holes, pavement demolition and restoration, landscape restoration, and all other work as defined in the Contract Documents.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total PH Journey Hours	Total Apprentice Hours	Total PH Apprentice Hours	% Apprentice Hours	% PH Apprentice Hours	Total # Apprentices	Total # PH Apprentices	**Apprentice Hours							
										*Women	PH Women Hours	# PH Women Workers	%	Minorities	PH Minorities Hours	PH Minorities Workers	%
Asbestos Abatement Workers	15.00	15.00	0.00	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Brick Masons	2,372.50	1,581.50	275.00	791.00	0.00	33.34%	0.00%	4	0	0.00	0.00	0	0.00%	227.00	0.00	0	28.70%
Carpenter, Piledriver/Western WA	562.00	447.00	154.00	115.00	0.00	20.46%	0.00%	1	0	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Cement Masons	3,480.50	885.50	144.50	2,595.00	321.50	74.56%	12.39%	12	3	0.00	0.00	0	0.00%	1,655.00	310.50	3	63.78%
Electricians	534.00	479.00	207.00	55.00	0.00	10.30%	0.00%	1	0	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Flaggers	1,176.50	856.00	374.00	320.50	320.50	27.24%	100.00%	2	1	0.00	0.00	0	0.00%	20.00	20.00	1	6.24%
Laborers / Western WA	20,006.34	16,623.84	4,356.50	3,382.50	2,136.00	16.91%	63.15%	12	10	155.50	155.50	1	4.60%	2,555.00	2,136.00	10	75.54%
Painters	2,746.50	2,689.50	0.00	57.00	0.00	2.08%	0.00%	1	0	0.00	0.00	0	0.00%	57.00	0.00	0	100.00%
Power Equipment Operators	7,057.64	6,450.14	108.50	607.50	0.00	8.61%	0.00%	1	0	0.00	0.00	0	0.00%	0.00	0.00	0	0.00%
Teamster/Truck Drivers	298.00	298.00	175.25	0.00	0.00	0.00%	-	0	0	0.00	0.00	0	-	0.00	0.00	0	-
Total	38,248.98	30,325.48	5,794.75	7,923.50	2,778.00	20.72%	35.06%	34	14	155.50	155.50	1	1.96%	4,514.00	2,466.50	14	56.97%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date
 ****Cumulative Priority Hire Journey Worker Rate is the overall Priority Hire journey worker utilization divided by overall Journey Worker utilization from the contract start date
 *****Cumulative Priority Hire Apprentice Rate is the overall Priority Hire apprentice utilization divided by overall Priority Hire apprentice utilization from the contract start date

C01323C18

2017-2018 GUARDRAIL PRESERVATION

Department Name: Local Services - 2
 Division: Road Services Division
 Project Name: 2017-2018 Guardrail Preservation
 Contract Number: C01323C18
 Prime Contractor: Petersen Brothers
 Contract Award Amount: \$ 2,911,638.94
 Execution Date: March 28, 2019
 Type of Construction: Construction

Apprenticeship Requirement: **5.00%**
Apprenticeship Rate: 2019 **20.19%**
 ***Cumulative Apprenticeship Rate: 20.19%

This project provides for the improvement of various county roads throughout King County by removing existing guardrail, raising existing guardrail, installing new guardrail, guardrail anchors, end terminal sections, and other work, all in accordance with the attached Plans, these Special Provisions, the Standard Specifications, the KCRDCS, and the APWA/WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Fence Erectors	198.75	198.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Flaggers	4,097.50	4,097.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Ironworkers	30.00	30.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	9,291.65	5,988.50	3,303.15	35.55%	10	577.50	17.48%	1,033.00	31.27%
Power Equipment Operators	3,226.75	3,226.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Traffic Control Strippers	385.50	207.50	178.00	46.17%	5	63.50	35.67%	0.00	0.00%
Truck Drivers	11.50	11.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	17,241.65	13,760.50	3,481.15	20.19%	15	641.00	18.41%	1,033.00	29.67%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01328C18

FOOTHILL TRAIL IMPROVEMENTS

Department Name: Natural Resources & Parks - 2
 Division: Parks & Recreation
 Project Name: Foothills Trail Improvements - Phase II
 Contract Number: C01328C18
 Prime Contractor: Rodarte Construction Inc.
 Contract Award Amount: \$3,984,005.00
 Execution Date: June 5, 2019
 Type of Construction: Construction

Apprenticeship Requirement: **10.00%**
Apprenticeship Rate: 2019 **10.27%**
*****Cumulative Apprenticeship Rate:** 10.27%

This Contract provides for the extension of the Foothills Trail from 252nd Avenue SE in Enumclaw to the Boise Creek Bridge. Work items under this Contract are designated to three (3) Bid Schedules further described in the Special Conditions. Work includes approximately 4,200 feet of surface trail with multiple retaining walls, two (2) trail maintenance access roads, mitigation planting and habitat enhancement, upgrades of the Boise Creek Bridge, and an interim trail terminus at the Boise Creek Bridge, Boise Creek Bridge scour repair mitigation work, and plant establishment and monitoring for one (1) year. All work shall be in accordance with the Contract Plans, these Special Provisions, and the Standard Specifications.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenters	24.00	24.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Fence Erectors	60.75	60.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	2,591.25	1,884.75	706.50	27.26%	1	0.00	0.00%	0.00	0.00%
Laborers - Underground Sewer & Water	8.00	8.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Landscape Construction	188.00	188.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Pile Driver	15.00	15.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	3,033.00	3,033.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	956.25	956.25	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	6,876.25	6,169.75	706.50	10.27%	1	0.00	0.00%	0.00	0.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01338C19 - MAINTENANCE AND REPAIR OF SURFACE WATER FACILITIES

Department Name: Natural Resources & Parks - 2
 Division: Water & Land Resources Division
 Project Name: Maintenance and Repair of Surface Water Facilities - Work Order
 Contract Number: C01338C19
 Prime Contractor: Road Construction Northwest, Inc
 Contract Award Amount: \$1,000,000.00
 Execution Date: September 26, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 5.00%
Apprenticeship Rate: 2019 19.29%
 ***Cumulative Apprenticeship Rate: 19.29%

Work Order projects associated with capital improvements for stormwater facilities and emergency response projects for public safety and water quality improvement.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Laborers	219.00	159.00	60.00	27.40%	1	60.00	100.00%	0.00	0.00%
Power Equipment Operators	62.00	62.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	30.00	30.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	311.00	251.00	60.00	19.29%	1	60.00	100.00%	0.00	0.00%

Notes:
 *Hours for Women include minority females
 **% of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01345C19

ISSAQUAH CREEK MITIGATION PROJECT

Department Name:	Natural Resources & Parks - 2
Division:	Water & Land Resources Division
Project Name:	Issaquah Creek Mitigation Project
Contract Number:	C01345C19
Prime Contractor:	Engineering Remediation Resources Group, Inc.
Contract Award Amount:	\$1,174,119.20
Execution Date:	June 22, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	10.00%
Apprenticeship Rate: 2019	10.20%
***Cumulative Apprenticeship Rate:	10.20%

Project components include re-establishing and rehabilitating wetland areas; constructing backwater aquatic areas; constructing a side channel; installing wood jams; installing wildlife habitat snags, rootwads, and debris piles; removing riprap, ecology blocks, fencing and other debris; and water supply well decommissioning. Work includes erosion and sediment control, salvage and re-use of trees with rootwads, excavation, haul, grading, placement of ballasted and un-ballasted wood, dewatering, and temporary in-water work area isolation. The Contractor is required to design and install dewatering and temporary water isolation systems and meet water quality requirements provided in the project permits.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Laborers	1,748.50	1,263.00	485.50	27.77%	1	0.00	0.00%	485.50	100.00%
Landscape Construction	121.50	121.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	1,474.50	1,474.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Surveyors	278.50	278.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	1,134.50	1,134.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	4,757.50	4,272.00	485.50	10.20%	1	0.00	0.00%	485.50	100.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01347C19 - HOLLYWOOD AND WOODINVILLE ROOF REPLACEMENT

Department Name: Natural Resources & Parks - 2
 Division: Wastewater Treatment Division
 Project Name: Hollywood and Woodinville Roof Replacements
 Contract Number: C01347C19
 Prime Contractor: SQI Inc.
 Contract Award Amount: \$142,350.00
 Execution Date: June 27, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 3.00%
Apprenticeship Rate: 2019 4.20%
 ***Cumulative Apprenticeship Rate: 4.20%

This project is for the remove and replace Hollywood and Woodinville Pump Stations' roofs including electrical work, polyisocyanurate insulation, cover board insulation and built-up roof system.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Electricians - Inside	10.00	10.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Roofers	662.50	662.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Sheet Metal Workers	90.00	58.00	32.00	35.56%	1	0.00	0.00%	0.00	0.00%
Total	762.50	730.50	32.00	4.20%	1	0.00	0.00%	0.00	0.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01356C19 VAN DISTRIBUTION CENTER

Department Name:	Metro Transit - 2
Division:	Capital Project
Project Name:	Van Distribution Center Asphalt Concrete Paving
Contract Number:	C01356C19
Prime Contractor:	C.A. Carey Corporation
Contract Award Amount:	\$907,000.00
Execution Date:	July 25, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	10.00%
Apprenticeship Rate: 2019	8.80%
***Cumulative Apprenticeship Rate:	8.80%

Expand the Van Distribution Center asphalt vehicle staging area by approximately 54,000 square feet. The project includes excavation and disposal of existing soils, installation of conduits and hand holes for future use, installation of paving base materials and asphalt concrete paving. Additional work includes replacement of three existing lot lighting fixtures with double headed fixtures and the stripping of the expanded asphalt with parking stalls and fire lanes.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenters	273.00	273.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Electricians - Inside	85.00	77.00	8.00	9.41%	1	8.00	100.00%	8.00	100.00%
Laborers	657.50	649.50	8.00	1.22%	1	8.00	100.00%	0.00	0.00%
Power Equipment Operators	728.75	566.75	162.00	22.23%	1	162.00	100.00%	0.00	0.00%
Surveyors	14.00	14.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Traffic Control Stripers	7.50	7.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	258.00	258.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	2,023.75	1,845.75	178.00	8.80%	3	178.00	100.00%	8.00	4.49%

Notes:
 *Hours for Women include minority females
 *** of Women and Minorities participation is percent of total apprentice hours
 *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01361C19 - 2019 COUNTYWIDE PAVEMENT PRESERVATION

Department Name: Local Services - 2
 Division: Road Services Division
 Project Name: 2019 Countywide Pavement Preservation
 Contract Number: C01361C19
 Prime Contractor: CPM Development Corporation
 Contract Award Amount: \$4,931,536.00
 Execution Date: June 18, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 7.00%
Apprenticeship Rate: 2019 6.56%
 ***Cumulative Apprenticeship Rate: 6.56%

This project provides for the improvement of 11.70 miles of roadway in King County by grading gravel shoulders, removal of pavement markings, planning bituminous surfaces, pavement repair excavation, pulverizing pavement, placing crushed surfacing base course and crushed surfacing top course, paving with hot mix asphalt, erosion control, installing traffic markings, constructing concrete curb ramps, induction loop replacement, traffic signal modifications, installing traffic curb, other adjustments as needed, and other work.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Asbestos Abatement Workers	8.00	8.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Cement Masons	185.50	185.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Electricians - Inside	11.00	11.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Electricians - Powerline Construction	137.00	137.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Flaggers	1,877.75	1,877.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	2,316.50	2,316.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	4,882.25	4,335.75	546.50	11.19%	2	376.50	68.89%	0.00	0.00%
Traffic Control Stripers	11.50	11.50	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Truck Drivers	4,037.41	3,700.16	337.25	8.35%	2	0.00	0.00%	280.00	83.02%
Total	13,466.91	12,583.16	883.75	6.56%	4	376.50	42.60%	280.00	31.68%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01366C19 - SHAKE MILL LEFT BANK REVETMENT REPAIR

Department Name: Natural Resources & Parks - 2
 Division: Water & Land Resources Division
 Project Name: Shake Mill Left Bank Revetment Repair
 Contract Number: C01366C19
 Prime Contractor: S.E.A. Construction LLC
 Contract Award Amount: \$1,469,786.50
 Execution Date: August 1, 2019
 Type of Construction: Construction

Apprenticeship Requirement: 15.00%
Apprenticeship Rate: 2019 4.74%
 ***Cumulative Apprenticeship Rate: 4.74%

The work consists of installing approximately 900 linear feet of wood and rock revetment along the south bank of the North Fork Snoqualmie River. Work includes erosion and sediment control, temporary excavation and grading (0 – 550 CY net excavation), seeding, and mulching as a temporary cover measure interim to site planting and restoration performed outside this contract.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Flaggers	28.00	28.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	637.75	637.75	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Power Equipment Operators	1,527.25	1,413.75	113.50	7.43%	1	0.00	0.00%	113.50	100.00%
Truck Drivers	199.25	199.25	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	2,392.25	2,278.75	113.50	4.74%	1	0.00	0.00%	113.50	100.00%

Notes:

*Hours for Women include minority females

**% of Women and Minorities participation is percent of total apprentice hours

*** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

C01368C19 ERC COAL CREEK

Department Name:	Natural Resources & Parks - 2
Division:	Parks & Recreation
Project Name:	ERC - Coal Creek Vicinity Bridge Retrofits
Contract Number:	C01368C19
Prime Contractor:	WALSH CONSTRUCTION COMPANY
Contract Award Amount:	\$1,222,640.00
Execution Date:	August 20, 2019
Type of Construction:	Construction

Apprenticeship Requirement:	10.00%
Apprenticeship Rate: 2019	10.27%
***Cumulative Apprenticeship Rate:	10.27%

This project will consist of constructing new concrete panel decking at bridges SA-3 and SA-5 and new paved section at bridge SA-4. Railing will be added to each side of each bridge for the safety of trail users. Select timber structural components at bridge SA-3 will be replaced as needed to maintain structural integrity. The trail will be paved between the north end of bridge SA-3 and the south end of bridge SA-5, including over bridge SA-4, and grade transition portion at the north end of the bridge SA-5.

Apprentice Utilization by Trade / Craft

Trade	Total Labor Hours	Total Journey Hours	Total Apprentice Hours	% of Total Hours	Total # Apprentices	**Apprentice Hours			
						*Women	%	Minorities	%
Carpenters	1,634.00	1,634.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Laborers	429.50	174.50	255.00	59.37%	1	0.00	0.00%	0.00	0.00%
Power Equipment Operators	420.00	420.00	0.00	0.00%	0	0.00	0.00%	0.00	0.00%
Total	2,483.50	2,228.50	255.00	10.27%	1	0.00	0.00%	0.00	0.00%

Notes:

- *Hours for Women include minority females
- **% of Women and Minorities participation is percent of total apprentice hours
- *** Cumulative Apprenticeship Rate is the overall percent of apprentice utilization from the contract start date

