## **Multiple Agency Fiscal Note Summary**

Bill Number: 1050 HB Title: Apprenticeship utilization

## **Estimated Cash Receipts**

NONE

## **Estimated Operating Expenditures**

Agency Name		20	023-25			2	025-27				2027-29	
	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total
Department of Enterprise Services	.0	0	0	0	.0	0	0	0	.0	0	0	0
Department of Labor and Industries	Fiscal n	ote not availab	le									
Superintendent of Public Instruction	.0	0	0	0	.0	0	0	0	.0	0	0	0
University of Washington	2.5	724,900	724,900	724,900	2.5	724,900	724,900	724,900	2.5	724,900	724,900	724,900
Washington State University	.9	108,470	108,470	108,470	.9	108,470	108,470	108,470	.9	108,470	108,470	108,470
Eastern Washington University	.0	0	0	0	.0	0	0	0	.0	0	0	0
Central Washington University	Non-zer	o but indeterm	inate cost and/c	or savings. Ple	ease see	discussion.						
The Evergreen State College	.0	0	0	0	.0	0	0	0	.0	0	0	0
Western Washington University	.1	20,016	20,016	20,016	.1	20,016	20,016	20,016	.1	20,016	20,016	20,016
Department of Transportation	4.3	0	0	1,058,000	4.2	0	0	1,036,000	4.2	0	0	1,036,000
Community and Technical College System	.0	0	0	0	.0	0	0	0	.0	0	0	0
Total \$	7.8	853,386	853,386	1,911,386	7.7	853,386	853,386	1,889,386	7.7	853,386	853,386	1,889,386

Agency Name		2023-25			2025-27			2027-29		
	FTEs	GF-State	Total	FTEs	GF-State	Total	FTEs	GF-State	Total	
Local Gov. Courts										
Loc School dist-SPI										
Local Gov. Other	Non-zero but indeterminate cost and/or savings. Please see discussion.									
Local Gov. Total										

## **Estimated Capital Budget Expenditures**

Agency Name		2023-25			2025-27		2027-29		
	FTEs	Bonds	Total	FTEs	Bonds	Total	FTEs	Bonds	Total
Department of Enterprise Services	Non-ze	ro but indeterm	inate cost and/	or savii	ngs. Please see	discussion.			
Department of Labor and Industries	Fiscal 1	note not availabl	le						
Superintendent of Public Instruction	.0	0	0	.0	0	0	.0	0	0
University of Washington	.0	0	0	.0	0	0	.0	0	0
Washington State University	Non-ze	Jon-zero but indeterminate cost and/or savings. Please see discussion.							
Eastern Washington University	.0	0	0	.0	0	0	.0	0	0
Central Washington University	Non-ze	ro but indeterm	inate cost and/	or savii	ngs. Please see	discussion.			
The Evergreen State College	.0	0	0	.0	0	0	.0	0	0
Western Washington University	Non-ze	ro but indeterm	inate cost and/	or savii	ngs. Please see	discussion.			
Department of Transportation	.0	0	0	.0	0	0	.0	0	0
Community and Technical College System	.0	0	0	.0	0	0	.0	0	0
Total \$	0.0	0	0	0.0	0	0	0.0	0	0

Agency Name		2023-25			2025-27			2027-29		
	FTEs	<b>GF-State</b>	Total	FTEs	GF-State	Total	FTEs	GF-State	Total	
Local Gov. Courts										
Loc School dist-SPI										
Local Gov. Other	Non-z	Non-zero but indeterminate cost and/or savings. Please see discussion.								
Local Gov. Total										

## **Estimated Capital Budget Breakout**

Central Washington	Non-zero but indeterminate cost and/or savings. Please see discussion.
University	
	Non-zero but indeterminate cost and/or savings. Please see discussion.
Services	l .
School District Fiscal	Non-zero but indeterminate cost and/or savings. Please see discussion.
Note - SPI	
Washington State	Non-zero but indeterminate cost and/or savings. Please see discussion.
University	
Western Washington	Non-zero but indeterminate cost and/or savings. Please see discussion.
University	

Prepared by:	Jennifer Masterson, OFM	Phone:	Date Published:
		(360) 810-0117	Preliminary 2/13/2023

Bill Number: 1050 HB	Title: Apprenticeship utilization	-	179-Department of Enterprise Services
Part I: Estimates			
No Fiscal Impact			
<b>Estimated Cash Receipts to:</b>			
NONE			
<b>Estimated Operating Expenditure</b> NONE	es from:		
Estimated Capital Budget Impact:			
Non-zero	but indeterminate cost and/or savings. Ple	ease see discussion.	
The cash receipts and expenditure e and alternate ranges (if appropriate	stimates on this page represent the most likely fisca ), are explained in Part II.	l impact. Factors impacting th	ne precision of these estimates,
Check applicable boxes and follo	w corresponding instructions:		
X If fiscal impact is greater than form Parts I-V.	\$50,000 per fiscal year in the current bienniu	m or in subsequent biennia	complete entire fiscal note
	50,000 per fiscal year in the current biennium	or in subsequent biennia, co	omplete this page only (Part I).
X Capital budget impact, comp	lete Part IV.		
Requires new rule making, co			
Legislative Contact: Kelci Ka	rl-Robinson	Phone: 360-786-7116	Date: 01/17/2023
Agency Preparation: Hayley T	resenriter	Phone: (360) 407 9294	Date: 01/31/2023
Agency Approval: Ashley H	oward	Phone: (360) 407-8159	Date: 01/31/2023

Jennifer Masterson

OFM Review:

Date: 01/31/2023

Phone: (360) 810-0117

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

Sec. 1. (1)(a)(iii) requires all public works contracts with a subcontractor estimated at \$200,000 to have a minimum apprenticeship utilization rate of 15%. This would require the Department of Enterprise Services to update our public works contract language; however, this can be done within routine business processes with no operating fiscal impact.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

### Part III: Expenditure Detail

III. A - Operating Budget Expenditures

**NONE** 

III. B - Expenditures by Object Or Purpose

**NONE** 

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

**NONE** 

III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

DES assumes there would be some impact to subcontractors for managing their apprenticeships. The cost of these impacts

would be incorporated into the contractor bids, potentially raising the project's total cost. The expected impact is indeterminate.

## Part V: New Rule Making Required

Bill Number: 1050 HB	Title:	Apprenticeship utilization	Agency	: 350-Superintendent of Public Instruction
Part I: Estimates	•		•	
X No Fiscal Impact				
<b>Estimated Cash Receipts</b>	to:			
NONE				
<b>Estimated Operating Exp</b> NONE	oenditures from:			
Estimated Capital Budget	Impact:			
NONE				
		n this page represent the most likely fisca	l impact. Factors impacting	z the precision of these estimates,
and alternate ranges (if ap Check applicable boxes				
	_	per fiscal year in the current bienniu	m or in subsequent bienn	ia, complete entire fiscal note
	ss than \$50,000 pe	r fiscal year in the current biennium	or in subsequent biennia,	complete this page only (Part I
Capital budget impa	ict, complete Part I	V.		
Requires new rule n	•			
Legislative Contact:	Kelci Karl-Robins	on	Phone: 360-786-7116	Date: 01/17/2023
Agency Preparation:	Kirti Vijay		Phone: 3607256261	Date: 01/31/2023
Agency Approval:	Randy Newman		Phone: 360 725-6267	Date: 01/31/2023
OFM Review:	Kelsey Rote		Phone: (360) 000-0000	Date: 02/01/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

The bill proposes to expand apprenticeship utilization requirements by amending RCW 39.04.320.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

No impact to OSPI's cash receipts.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

No impact to OSPI's operating budget.

### Part III: Expenditure Detail

III. A - Operating Budget Expenditures

**NONE** 

III. B - Expenditures by Object Or Purpose

NONE

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

**NONE** 

#### III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

**NONE** 

IV. B - Expenditures by Object Or Purpose

**NONE** 

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

NONE

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

The proposed legislation does not impact the funding drivers of the grants administered by OSPI. Hence, the requirement for apprenticeship utilization does not change the funding allocations to the school districts. Therefore, there is no impact to OSPI's capital budget.

## Part V: New Rule Making Required

Bill Number: 1050 I	НВ	Title:	Apprenticeship util	lization		Agency:	360-Univers	sity of Washington
Part I: Estimates	<u> </u>							
No Fiscal Impac	et							
Estimated Cash Receip	ots to:							
NONE								
NONE								
<b>Estimated Operating 1</b>	Expenditures	from:		=>/.000=		_ •		
			FY 2024	FY 2025	2023-2		2025-27	2027-29
FTE Staff Years			2.5	2.5	1	2.5	2.5	2.5
Account	001.1		200 450	200 450	704	000	704.000	704.000
General Fund-State	001-1	otal \$	362,450 362,450	362,450 362,450		,900 ,900	724,900 724,900	724,900 724,900
	- 10	ν εκεί Ψ	002,700	502,750	1 124		127,000	1 724,500
The cash receipts and	-			e most likely fîscal	impact. Factor	s impacting t	he precision o	of these estimates,
and alternate ranges (								
Check applicable box			C					
X If fiscal impact is form Parts I-V.	greater than \$	50,000 p	per fiscal year in the	current bienniun	n or in subsequ	ıent biennia	, complete e	ntire fiscal note
If fiscal impact is	s less than \$50,	,000 per	fiscal year in the cu	rrent biennium o	r in subsequer	t biennia, co	omplete this	page only (Part I)
Capital budget in	npact, complet	e Part IV	<i>7</i> .					
Requires new rul	e making, com	nplete Pa	art V.					
Legislative Contact:	Kelci Karl-	Robinso	n		Phone: 360-7	86-7116	Date: 03	1/17/2023
Agency Preparation:	Michael La	ntz			Phone: 20654	37466	Date: 0	1/20/2023
Agency Approval:	Charlotte S	hannon			Phone: 20668	58868	Date: 0	1/20/2023
OFM Review:	Kelsey Rote	e			Phone: (360)	000-0000	Date: 0	1/24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

House Bill 1050 expands apprenticeship utilization requirements for public works projects, including for those at four-year higher education institutions. For each of the projects to which the bill applies, the University of Washington (UW) must ensure that its subcontractors meet the applicable requirement or one of the listed exceptions.

Section 1(1)(d)(iii) requires that 15 percent of work hours for subcontracted projects at four-year higher education institutions with an initial price of \$200,000 or more be performed by apprentices. This requirement is effective for contracts advertised for bid on or after July 1, 2024. This requirement can be adjusted for specific projects if there is 1) a demonstrated lack of available apprentices, 2) there is a disproportionately high ratio of material costs to labor hours, 3) participating contractors are unable to comply with the requirement but have demonstrated a good faith effort to do so, or 4) other criteria as determined by the awarding institution is met, subject to review by the Governor.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

The UW estimates that approximately 120 project subcontracts per year across UW's three campuses will be covered by the new apprenticeship utilization requirement contained in HB 1050. This assumes that the bill is intended to apply to all public works subcontracts over \$200,000, and not a narrower category of projects.

A majority of the work related to this bill at the UW, approximately 1.5 FTE, will be performed by Project Integrators (annual salary: \$100,000, benefits rate: 31.8%). Project Integrators focus on the procurement of design and construction contracts and associated payments and billings. They will also be primarily responsible for ensuring that contractors meet the apprenticeship utilization requirement or one of the listed exceptions. An additional 1.0 FTE will be needed for Project Managers (annual salary: \$125,000, benefits rate: 31.8%), who are responsible for each overall project and will handle more complex issues in this area.

In total, we estimate the costs for these positions to the UW will be \$362,450 in each fiscal year.

## Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	362,450	362,450	724,900	724,900	724,900
		Total \$	362,450	362,450	724,900	724,900	724,900

#### III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	2.5	2.5	2.5	2.5	2.5
A-Salaries and Wages	275,000	275,000	550,000	550,000	550,000
B-Employee Benefits	87,450	87,450	174,900	174,900	174,900
C-Professional Service Contracts					
E-Goods and Other Services					
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
Total \$	362,450	362,450	724,900	724,900	724,900

## III. C - Operating FTE Detail: List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Project Integrator	100,000	1.5	1.5	1.5	1.5	1.5
Project Manager	125,000	1.0	1.0	1.0	1.0	1.0
Total FTEs		2.5	2.5	2.5	2.5	2.5

#### III. D - Expenditures By Program (optional)

**NONE** 

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

**NONE** 

IV. B - Expenditures by Object Or Purpose

NONE

#### IV. C - Capital Budget Breakout

 $Acquisition\ and\ construction\ costs\ not\ reflected\ elsewhere\ on\ the\ fiscal\ note\ and\ description\ of\ potential\ financing\ methods.$ 

**NONE** 

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

## Part V: New Rule Making Required

Bill Number: 1050 HB	Title:	Apprenticeship util	lization	A	Agency: 365- Univ	-Washingto versity	on State
Part I: Estimates							
No Fiscal Impact							
Estimated Cash Receipts to:							
NONE							
Estimated Operating Expenditure	s from:						
		FY 2024	FY 2025	2023-25	2025		2027-29
FTE Staff Years		0.9	0.9	0.9	9	0.9	0.9
Account		54.005	54.005	400.47		100 170	400 470
General Fund-State 001-1	Total \$	54,235 54,235	54,235 54,235	108,47 108,47		108,470 108,470	108,470 108,470
		,		1,	<u> </u>		,
The cash receipts and expenditure es and alternate ranges (if appropriate)			e most likely fiscal i	mpact. Factors in	npacting the pre	ecision of ti	hese estimates,
Check applicable boxes and follow	-						
X If fiscal impact is greater than form Parts I-V.	_	_	current biennium	or in subsequen	t biennia, con	nplete enti	re fiscal note
If fiscal impact is less than \$5	50,000 per	fiscal year in the cu	rrent biennium or	in subsequent b	iennia, compl	ete this pa	ige only (Part I).
X Capital budget impact, compl	ete Part IV	· .		-	•	-	
Requires new rule making, co							
Legislative Contact: Kelci Kar	l-Robinson	1		Phone: 360-786-	7116 E	Date: 01/1	7/2023
Agency Preparation: Anne-Lise	e Brooks			Phone: 509-335-	-8815 Г	Date: 01/2	24/2023
Agency Approval: Chris Jone	es			Phone: 509-335-	9682 Г	Date: 01/2	24/2023
OFM Review: Kelsey Ro	ote			Phone: (360) 000	O-0000   E	Date: 01/2	24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

House Bill 1050 amends RCW 39.04.320 to read that contracts advertised for bids by a four-year institution of higher education will have a requirement for all subcontractors on public works that no less than 15 percent of labor hours are performed by apprentices when the initial price is \$200,000 or more.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

Salaries are estimated based on an assumption of 5-10 hours required per month to meet reporting requirements. Coordination with the contractor and subcontractor to provide verification and monitoring will be more labor intensive; WSU anticipates a contract assistant at .9 FTE.

### Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	54,235	54,235	108,470	108,470	108,470
		Total \$	54,235	54,235	108,470	108,470	108,470

#### III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.9	0.9	0.9	0.9	0.9
A-Salaries and Wages	37,125	37,125	74,250	74,250	74,250
B-Employee Benefits	17,110	17,110	34,220	34,220	34,220
C-Professional Service Contracts					
E-Goods and Other Services					
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
Total \$	54,235	54,235	108,470	108,470	108,470

III. C - Operating FTE Detail: List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIIA

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Contracts Assistant	40,812	0.9	0.9	0.9	0.9	0.9
Contracts Manager	78,900	0.0	0.0	0.0	0.0	0.0
Total FTEs		0.9	0.9	0.9	0.9	0.9

#### III. D - Expenditures By Program (optional)

**NONE** 

### Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

Washington State University assumes that contractors who must use apprentices on projects over \$200,000 will pass along their additional costs. It takes more of a contractor's time to manage/oversee apprentices than it would fully licensed trades/construction workers who work capital projects. WSU estimates a 3% increase per project. On average, WSU has 10 capital projects per year that meet the \$200,000 threshold, and an average project is about \$3,000,000. While the impact is indeterminate, we estimate the total combined cost increase would be approximately \$900,000 per year (\$3,000,000 x 10 x .03 = \$900,000).

### Part V: New Rule Making Required

			<u> </u>	
<b>Bill Number:</b> 1050 HB	Title:	Apprenticeship utilization	Agency:	370-Eastern Washington University
Part I: Estimates			•	
X No Fiscal Impact				
<b>Estimated Cash Receipts</b>	to:			
NONE				
Estimated Operating Exp NONE	penditures from:			
Estimated Capital Budge	t Impact:			
NONE				
The cash receipts and exp		on this page represent the most likely fisco	al impact. Factors impacting	the precision of these estimates,
Check applicable boxes				
		0 per fiscal year in the current biennit	um or in subsequent bienni	a, complete entire fiscal note
	ess than \$50,000 p	er fiscal year in the current biennium	or in subsequent biennia, o	complete this page only (Part I)
Capital budget impa	act, complete Part	IV.		
Requires new rule r	-			
Legislative Contact:	Kelci Karl-Robin	son	Phone: 360-786-7116	Date: 01/17/2023
Agency Preparation:	Alexandra Roseb	rook	Phone: (509) 359-7364	Date: 01/20/2023
Agency Approval:	Alexandra Roseb	rook	Phone: (509) 359-7364	Date: 01/20/2023
OFM Review:	Kelsey Rote		Phone: (360) 000-0000	Date: 01/24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

Proposed HB 1050 – Amends RCW 39.04.320 Section 1(d)(iii) All subcontractors on public works projects with an initial subcontract price of \$200,000 or more have 15% of the labor hours performed by apprentices. This bill provides an effective date of July 1, 2024.

Eastern estimates that this will require a change in the bid and contract language which, will be absorbed within current resources, therefore, no fiscal impact is anticipated.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

### Part III: Expenditure Detail

III. A - Operating Budget Expenditures

**NONE** 

III. B - Expenditures by Object Or Purpose

**NONE** 

**III. C - Operating FTE Detail:** FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

**NONE** 

III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

**NONE** 

IV. B - Expenditures by Object Or Purpose

**NONE** 

#### IV. C - Capital Budget Breakout

 $Acquisition\ and\ construction\ costs\ not\ reflected\ elsewhere\ on\ the\ fiscal\ note\ and\ description\ of\ potential\ financing\ methods.$ 

**NONE** 

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

## Part V: New Rule Making Required

Bill Number: 1050 HB	Title:	Apprenticeship utilization	Agei	ncy: 375-Central Washington University
Part I: Estimates				
No Fiscal Impact				
<b>Estimated Cash Receipts to:</b>				
NONE				
Estimated Operating Expend	ditures from:			
No	n-zero but inde	eterminate cost and/or savings. Pl	ease see discussion.	
Estimated Capital Budget In	ipact:			
No	n-zero but inde	terminate cost and/or savings. Ple	ease see discussion.	
The cash receipts and expend and alternate ranges (if appro		this page represent the most likely fisca ined in Part II.	l impact. Factors impac	ting the precision of these estimates,
Check applicable boxes and	d follow correspo	onding instructions:		
If fiscal impact is greater form Parts I-V.	er than \$50,000 p	per fiscal year in the current bienniu	m or in subsequent bio	ennia, complete entire fiscal note
X If fiscal impact is less t	han \$50,000 per	fiscal year in the current biennium	or in subsequent bienn	iia, complete this page only (Part I
X Capital budget impact,	complete Part IV	V.		
Requires new rule mak	ing, complete Pa	art V.		
Legislative Contact: Kel	lci Karl-Robinso	on	Phone: 360-786-711	6 Date: 01/17/2023
Agency Preparation: Erin	n Sargent		Phone: 509-963-239	5 Date: 01/20/2023
Agency Approval: List	a Plesha		Phone: (509) 963-12	33 Date: 01/20/2023
OFM Review: Kel	lsey Rote		Phone: (360) 000-00	000 Date: 01/24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

HB 1050 intends to expand apprenticeship utilization requirements. Current legislation requires apprenticeship utilization rates based on the size of the project. Projects over \$3million must have at least 10%, over \$2million must have at least 12%, and over \$1million must have at least 15%. This bill adds an additional layer that for projects over \$200,000 in subcontractor costs at least 15% of the labor hours be performed by an apprentice.

In assessing the bill, CWU believes there will be minimal fiscal impact due to the size and nature of the capital projects we engage in during a biennium.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

Central Washington University self performs some minor works projects that are in excess of \$200,000 where the bulk of the project costs is associated with equipment and not labor. Of those projects where there is a component of external contracting, CWU calculates the costs that might be passed onto us by the contractor for meeting the apprenticeship requirement would be negligible.

CWU assumes additional operational managing time at approximately .0031 FTE based on the average amount of Capital projects over the \$200k, for ensuring 15% of labor hours are being performed by apprentices. This level of effort is negligible and could be absorbed with current resources.

## Part III: Expenditure Detail

III. A - Operating Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

III. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

NONE

III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

Central Washington University self performs some minor works projects that are in excess of \$200,000 where the bulk of the project costs is associated with equipment and not labor. Of those projects where there is a component of external contracting, CWU calculates the costs that might be passed onto us by the contractor for meeting the apprenticeship requirement would be negligible.

CWU currently has 5 minor works capital projects that meet the \$200,000 threshold outlined in the bill. These projects average \$550,000. CWU assumes that contractors would pass on the additional costs of utilizing apprentices, who represent less skilled labor than journey level or fully licensed construction workers, at a rate of 1.5% (or less). The additional average cost per project would be \$41,250 (5 x \$550,000 x 1.5%).

Capital costs to comply with this legislation are minimal and considered indeterminate as we cannot predict whether subcontractors would actually pass the cost to use apprentices on to CWU.

### Part V: New Rule Making Required

Bill Number: 1050 HB	Title:	Apprenticeship utilization	Agency	376-The Evergreen State College
Part I: Estimates				
X No Fiscal Impact				
Estimated Cash Receipts to	0:			
NONE				
Estimated Operating Expo	enditures from:			
Estimated Capital Budget	Impact:			
NONE				
The cash receipts and expendent and alternate ranges (if app		this page represent the most likely fisca	l impact. Factors impacting	the precision of these estimates,
Check applicable boxes a				
If fiscal impact is great form Parts I-V.	ater than \$50,000	per fiscal year in the current bienniu	m or in subsequent bienni	a, complete entire fiscal note
	s than \$50,000 per	fiscal year in the current biennium	or in subsequent biennia,	complete this page only (Part l
Capital budget impac	t, complete Part Γ	V.		
Requires new rule ma	aking, complete Pa	art V.		
Legislative Contact: K	Kelci Karl-Robinso	on	Phone: 360-786-7116	Date: 01/17/2023
Agency Preparation: D	Daniel Ralph		Phone: 360-867-6500	Date: 01/19/2023
Agency Approval:	Dane Apalategui		Phone: 360-867-6517	Date: 01/19/2023
OFM Review: K	Celsey Rote		Phone: (360) 000-0000	Date: 01/24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

HB 1050 relates to expanding apprenticeship utilization requirements.

Section 1 (1) (d) (iii) requires that for all contracts advertised or bid on after the effective date of this section, for all subcontractors on public works by an institution of higher education, with an initial subcontracted price of \$200,000 or more, no less than 15% of the labor hours must be performed by apprentices.

Section 1 (2) (a-d) offer options for remediation in situations where it is not possible to meet the requirement for certain reasons.

We feel it is important to note that, while the direct cost to Evergreen is minimal, construction costs will increase due to the fewer number of contractors available to bid on our projects because they do not have robust apprenticeship programs that would meet the requirements of this bill.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

### Part III: Expenditure Detail

III. A - Operating Budget Expenditures

NONE

III. B - Expenditures by Object Or Purpose

**NONE** 

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

**NONE** 

III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

NONE

IV. B - Expenditures by Object Or Purpose

NONE

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

**NONE** 

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

## Part V: New Rule Making Required

Bill Number: 1050 HB	Title: Apprenticeship u	tilization	Ago	ency: 380-Western University	Washington
Part I: Estimates  No Fiscal Impact					
Estimated Cash Receipts to:					
NONE					
<b>Estimated Operating Expenditu</b>	res from:				
	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.1	0.1	0.1	0.1	0.1
Account					
General Fund-State 001-1	Total \$ 10,008	10,008 10,008	20,016 20,016	20,016 20,016	20,016 20,016
	,,,,,	10,000	_0,0.0		
Estimated Capital Budget Impac					
Non-zei	ro but indeterminate cost an	d/or savings. Pleas	e see discussion.		
	e), are explained in Part II.	:		Ų į	
form Parts I-V.  X If fiscal impact is less than S	650,000 per fiscal year in the c	current biennium or i	n subsequent bier	nnia, complete this p	page only (Part I).
X Capital budget impact, comp	•		1	, I I	<i>5 7</i> ( )
Requires new rule making, of	complete Part V.				
Legislative Contact: Kelci K	arl-Robinson	P	hone: 360-786-71	16 Date: 01	/17/2023
Agency Preparation: Gena M	ikkelsen	P	hone: 3606507412	2 Date: 01	/24/2023
Agency Approval: Kimberl	ey Ayre	P	hone: 360650337	7 Date: 01	/24/2023
OFM Review: Kelsey I	Rote	P	hone: (360) 000-0	0000 Date: 01	/24/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

#### Section 1:

- (d)(i) For contracts advertised for bid on or after January 1, 132010, for all public works by a four-year institution of higher education estimated to cost ((three million dollars)) \$3,000,000 or more, all specifications must require that no less than ((ten)) 10 percent of the labor hours be performed by apprentices.
- (ii) For contracts advertised for bid on or after January 1, 2011, for all public works by a four-year institution of higher education estimated to cost ((two million dollars)) \$2,000,000 or more, all specifications must require that no less than ((twelve)) 12 percent of the labor hours be performed by apprentices.
- (iii) For contracts advertised for bid on or after January 1, 2012, for all public works by a four-year institution of higher education estimated to cost ((one million dollars)) \$1,000,000 or more, all specifications must require that no less than ((fifteen)) 15 percent of the labor hours be performed by apprentices. For contracts advertised for bid on or after the effective date of this section, for all subcontractors on public works by a four-year institution of higher education with an initial subcontract price of \$200,000 or more, all specifications must require that no less than 15 percent of the labor hours be performed by apprentices.
- (2) Awarding entities may adjust the requirements of this section for a specific project for the following reasons:
- (a) The demonstrated lack of availability of apprentices in specific geographic areas;
- (b) A disproportionately high ratio of material costs to labor hours, which does not make feasible the required minimum levels of apprentice participation;
- (c) Participating contractors have demonstrated a good faith effort to comply with the requirements of RCW 39.04.300 and 39.04.310 and this section; or
- (d) Other criteria the awarding entity deems appropriate, which are subject to review by the office of the governor.
- (3) The secretary of the department of transportation shall adjust the requirements of this section for a specific project for the following reasons:
- (a) The demonstrated lack of availability of apprentices in specific geographic areas; or
- (b) A disproportionately high ratio of material costs to labor hours, which does not make feasible the required minimum levels of apprentice participation.
- (4)(a) This section applies to public works contracts awarded by the state, to public works contracts awarded by school districts, ((and)) to public works contracts awarded by state four-year institutions of higher education, and to public works contracts awarded by a municipality. However, this section does not apply to contracts awarded by state agencies headed by a separately elected public official.

Section 2 (1) of this act takes effect July 1, 2024

WWU is estimating that .1 FTE of a budget analyst position would be needed to:

1) confirm if subcontractors have contracts with general contractors (GC) valued over \$200k (WWU only directly

contracts with GCs, not subcontractors, and extra coordination is required with the GCs) and

- 2) review each PayApp to ensure the apprenticeship reporting meets the RCWs.
- 3) The additional reporting for subcontracts over \$200k may result in minor increases in bids we receive from bidders for our public works projects. Overall, this increase would be difficult to prove and, therefore, we would consider the loss in revenue, or increase in project-related expenses, to be de minimus.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### **II. C - Expenditures**

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

We are estimating that .1 FTE of a budget analyst position would be needed to:

- 1) confirm if subcontractors have contracts with general contractors (GCs) valued over \$200k (WWU only directly contracts with GCs, not subcontractors, and extra coordination would be required with the GCs) and
- 2) review each PayApp to ensure the apprenticeship reporting meets the RCWs.

Salary calculated at the base rate of \$76,401 at .1 FTE and 31% benefits. Yearly cost of living increase is not reflected.

## Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	10,008	10,008	20,016	20,016	20,016
		Total \$	10,008	10,008	20,016	20,016	20,016

#### III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.1	0.1	0.1	0.1	0.1
A-Salaries and Wages	7,640	7,640	15,280	15,280	15,280
B-Employee Benefits	2,368	2,368	4,736	4,736	4,736
C-Professional Service Contracts					
E-Goods and Other Services					
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
Total \$	10,008	10,008	20,016	20,016	20,016

III. C - Operating FTE Detail: List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Budget Analyst	76,401	0.1	0.1	0.1	0.1	0.1
Total FTEs		0.1	0.1	0.1	0.1	0.1

#### III. D - Expenditures By Program (optional)

**NONE** 

### Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

The additional reporting for subcontracts over \$200k may result in minor increases in bids we receive from bidders for our public works projects, thus increasing overall capital project costs. The exact fiscal impact of this potential increase is indeterminate at this time.

### Part V: New Rule Making Required

Bill Number: 1050 HB	Title:	Apprenticeship uti	lization		Agency: 40	)5-Departm ransportatio	
Part I: Estimates							
No Fiscal Impact							
Estimated Cash Receipts to:							
NONE							
Estimated Operating Expendit	ures from:						
Y S Y		FY 2024	FY 2025	2023-25	202	25-27	2027-29
FTE Staff Years		4.4	4.2	4	1.3	4.2	4.:
Account							
Motor Vehicle Account-State	108	540,000	518,000	1,058,0	00	1,036,000	1,036,000
-1	Total \$	540,000	518,000	1,058,0	00	1,036,000	1,036,00
The cash receipts and expenditure and alternate ranges (if appropri	ate), are expla	uined in Part II.	e most likely fiscal i	mpact. Factors	impacting the	precision of i	these estimates,
Check applicable boxes and fo  X If fiscal impact is greater the form Parts I-V.	_	_	current biennium	or in subseque	ent biennia, c	omplete ent	tire fiscal note
If fiscal impact is less than	\$50,000 per	fiscal year in the cu	rrent biennium or	in subsequent	biennia, com	plete this p	age only (Part
Capital budget impact, cor	•	·		-		•	• `
Requires new rule making	•						
Legislative Contact: Kelci I	Karl-Robinso	on		Phone: 360-786	6-7116	Date: 01/	17/2023
Agency Preparation: Jim Cu	ıthbertson			Phone: 360-70:	5-7825	Date: 01/	23/2023
Agency Approval: Jon De	effenbacher			Phone: 360-70:	57829	Date: 01/	23/2023
OFM Review: Maria	Thomas			Phone: (360) 22	29-4717	Date: 01/	23/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

See attached WSDOT fiscal note.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

See attached WSDOT fiscal note.

### Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
108-1	Motor Vehicle	State	540,000	518,000	1,058,000	1,036,000	1,036,000
	Account						
		Total \$	540,000	518,000	1,058,000	1,036,000	1,036,000

#### III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	4.4	4.2	4.3	4.2	4.2
A-Salaries and Wages	394,000	378,000	772,000	756,000	756,000
B-Employee Benefits	146,000	140,000	286,000	280,000	280,000
C-Professional Service Contracts					
E-Goods and Other Services					
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
Total \$	540,000	518,000	1,058,000	1,036,000	1,036,000

## III. C - Operating FTE Detail: List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Transportation Engineer 3	90,888	4.4	4.2	4.3	4.2	4.2
Total FTEs		4.4	4.2	4.3	4.2	4.2

#### III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

#### IV. A - Capital Budget Expenditures

NONE

#### IV. B - Expenditures by Object Or Purpose

**NONE** 

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

**NONE** 

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

## Part V: New Rule Making Required

**Bill Number:** HB 1050 Title: Apprenticeship Utilization r Agency: 405-Department of Transportation

#### **Part I: Estimates**

Check applicable boxes and follow corresponding instructions, use the fiscal template table provided to show fiscal impact by account, object, and program (if necessary), **add rows if needed**. If no fiscal impact, check the box below, skip fiscal template table, and go to Part II to explain briefly, why the program believes there will be no fiscal impact to the department.

<sub>F</sub> .	
	No Fiscal Impact (Explain in section II. A) scal note is assigned to our agency, someone believes there might be, and we need to address that, showing why there is no impact to the department.
	Indeterminate Cash Receipts Impact (Explain in section II. B)
	Indeterminate Expenditure Impact (Explain in section II. C)
	If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire
	fiscal note form Parts I-V
	If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, <b>complete</b>
	entire fiscal note form Parts I-V
	Capital budget impact, complete Part IV
	Requires new rule making, complete Part V
	Revised

The cash receipts and expenditure estimates on this fiscal template represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.

#### **Dollars** in Thousands

		2023-25 E	Biennium	2025-27 E	Biennium	202-297 Biennium			
Expenditures		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
108-1-MOTOR VEHICLE		\$540	\$518	\$518	\$518	\$518	\$518		
Total Expenditures		\$540	\$518	\$518	\$518	\$518	\$518		
Biennial Totals		\$1,058 \$1,036				\$1,036			
FTEs	Salary	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
Transportation Engineer 3	\$90,888	4.4	4.2	4.2	4.2	4.2	4.2		
Annual Average		4.	3	4.	4.	4.2			
Objects of Expenditure		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
A - SALARIES AND WAGES		\$394	\$378	\$378	\$378	\$378	\$378		
B - EMPLOYEE BENEFITS		\$146	\$140	\$140	\$140	\$140	\$140		
Expenditures by Program		FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029		
PROGRAM I-CAP									
PROGRAM P-CAP									

#### **Agency Assumptions**

N/A

#### **Agency Contacts:**

Preparer: Jim Cuthbertson	Phone: 360-870-1108	Date:01/19/2023
Approval: John Deffenbacher	Phone: 360-705-7829	Date: 01/19/2023
Budget Manager: Doug Clouse	Phone: 360-705-7535	Date: 01/19/2023

## **Part II: Narrative Explanation**

#### II. A - Brief description of what the measure does that has fiscal impact

Briefly describe <u>by section number</u> (sections that will change WSDOT costs or revenue), the significant provisions of the bill, and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency. List the sections that have fiscal impact to WSDOT only. E.g., "Section 3 directs the Department to ..." No summarizing, no interpreting, and save any background context for the revenue and expenditure parts.

Section 1 amends RCW 39.04.320 and 2018 c 244 s 1.

Section 1 (1) (b) (v) requires all public works contracts advertised for bid by the Washington State Department of Transportation that are estimated to cost \$2 million or more, contain the requirement that no less than 15% of labor hours be performed by apprentices. And, also adds to this section that all subcontractors on public works by the department with an initial subcontract price of \$200,000 or more, all specifications require that no less than 15% of the labor hours be performed by apprentices.

Section 1 (1) (a) (iii) requires that all public works contract subcontracts with an initial price of \$200,000 or more must include specifications that no less than 15% of the hours be performed by apprentices.

Section 1(3) states that the WSDOT Secretary may adjust the requirements of this section for a specific project, if the department can demonstrate:

- The lack of available apprentices in the specific geographic area.
- An excessively high percentage of material costs to labor hours that would makes the required minimum levels of apprentice participation impractical.

Section 1(4) (b) adds municipalities to the section. This section states that, within existing resources, awarding agencies and municipalities are responsible for monitoring the use of apprenticeship hours by contractor. Requires that contracts include a detailed line item that specifies apprenticeship use goals should be met, monetary incentives for meeting goals, monetary penalties for not meeting goals, and an estimated cost value associated with meeting the goals must be included in the bid. Requires awarding agencies and municipalities to report apprentice utilization hours by contractor and subcontractor to the supervisor of apprenticeship at the department of labor and industries by final project acceptance.

Section 1(4) (c) states that WSDOT may use its three-strike system for ensuring compliance in lieu of monetary penalty.

Section 1 (8) states all contracts subject to this section must include conditions that contractors or subcontractors may not be required to exceed these apprenticeship utilization requirements.

Section 1 (9) establishes the minimum apprenticeship use requirements on public works contracts Any related local laws or ordinances that are more favorable to apprentices than the minimum requirements shall remain in effect and may be enforced.

#### II. B – Cash Receipts Impact

Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

N/A

#### II. C - Expenditures

Briefly describe the agency expenditures necessary to implement this legislation (or savings resulting from this legislation), identifying by section number the provisions of the legislation that result in the expenditures (or savings). Briefly describe the factual basis of the assumptions and the method by which the expenditure impact is derived. Explain how workload assumptions translate into cost estimates. Distinguish between one time and ongoing functions.

Currently, RCW 39.04 requires WSDOT public works contracts over \$2 million must include the apprenticeship use requirement that 15% of labor hours be performed by apprentices. The proposed amendment adds a 15% apprenticeship

requirement to public works subcontracts valued at \$200,000 or more. As a contracting agency, the department will be required to monitor apprenticeship use, review, and approve apprenticeship utilization plans, and ensure compliance with prevailing wage requirements when processing payments to prime contractors. The department will also need to account for and evaluate apprentice utilization when completing Prime Contractor Performance Reports. WSDOT's Construction Office estimates three hours per week of additional work in each of the 48 project offices across the state. This will amount to 4.4 FTEs the first fiscal year and 4.2 FTEs ongoing at a Transportation Engineer 3 classification.

The department will have a one-time expenditure associated with implementation of the legislation. These expenses are associated with the revision of policy, and would include the editing manuals, developing specifications, and education and outreach. After implementation, WSDOT will have ongoing recurring expenses associated with the monitoring and reporting requirements of the legislation.

_	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
FTE	4.4	4.2	4.2	4.2	4.2	4.2
One-Time Cost	\$22,000	\$0	\$0	\$0	\$0	\$0
Ongoing Cost	518,000	518,000	518,000	518,000	518,000	518,000
Total	\$540,000	\$518,000	\$518,000	\$518,000	\$518,000	\$518,000

Part III: Expenditure Detail

III. A - Expenditures by Object or Purpose

**Part IV: Capital Budget Impact** 

N/A

## Part V: New Rule Making Required

Identify provisions of the measure that require the agency to adopt new administrative rules or repeal/revise existing rules.

N/A

Bill Number: 1050 H	B Title:	Apprenticeship utilization	Agency:	699-Community and Technica College System
Part I: Estimates	•		•	
X No Fiscal Impact				
Estimated Cash Receipt	ts to:			
NONE				
Estimated Operating E NONE	xpenditures from:			
Estimated Capital Budg	et Impact:			
NONE				
The cash receipts and examples and alternate ranges (if		this page represent the most likely fisca	l impact. Factors impacting	the precision of these estimates,
Check applicable boxe				
If fiscal impact is g form Parts I-V.	greater than \$50,000	per fiscal year in the current bienniu	m or in subsequent biennia	a, complete entire fiscal note
	less than \$50,000 per	r fiscal year in the current biennium	or in subsequent biennia, c	complete this page only (Part I)
Capital budget im	pact, complete Part I	V.		
Requires new rule	making, complete P	art V.		
Legislative Contact:	Kelci Karl-Robinso	on	Phone: 360-786-7116	Date: 01/17/2023
Agency Preparation:	Brian Myhre		Phone: 360-704-4413	Date: 01/18/2023
Agency Approval:	Cherie Berthon		Phone: 360-704-1023	Date: 01/18/2023
OFM Review:	Kelsey Rote		Phone: (360) 000-0000	Date: 01/18/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

This bill would establish minimum apprenticeship utilization requirements on public works contracts awarded by municipalities, school districts, four-year institutions of higher education and the Department of Transportation.

All subcontractors on public works for the entities listed above, with an initial subcontract price of \$200,000 or more, all specifications must require that no less than 15 percent of the labor hours be performed by apprentices.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

No cash receipts impact.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

No expenditure impact.

The Department of Enterprise Services awards and manages public works contracts on behalf of the community and technical colleges. Apprenticeship utilization requirements already apply to public works contracts awarded by the state.

## Part III: Expenditure Detail

III. A - Operating Budget Expenditures NONE

III. B - Expenditures by Object Or Purpose

NONE

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

NONE

#### III. D - Expenditures By Program (optional)

**NONE** 

## Part IV: Capital Budget Impact

IV. A - Capital Budget Expenditures NONE

IV. B - Expenditures by Object Or Purpose

**NONE** 

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

NONE

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

## Part V: New Rule Making Required

## LOCAL GOVERNMENT FISCAL NOTE

Department of Commerce

Bill Number:	1050 HB	Title:	Apprenticeship utilization
Part I: Juri	sdiction-Location	on, type or	status of political subdivision defines range of fiscal impacts.
Legislation I	-	1.1"	
=	eterminate impacts fo Same as above	or public wor	ks exceeding thresholds established by the legislation
Special Distr	ricts:		
Specific juris	sdictions only:		
Variance occ			
Part II: Es	timates		
No fiscal im	pacts.		
Expenditure	s represent one-time	costs:	
Legislation p	provides local option	:	
Key variable	es cannot be estimate	d with certain	nty at this time:
Estimated reve	nue impacts to:		
None			
Estimated expe	nditure impacts to:		

Non-zero but indeterminate cost and/or savings. Please see discussion.

## Part III: Preparation and Approval

Fiscal Note Analyst: Brandon Rountree	Phone:	(360) 999-7103	Date:	01/24/2023
Leg. Committee Contact: Kelci Karl-Robinson	Phone:	360-786-7116	Date:	01/17/2023
Agency Approval: Allan Johnson	Phone:	360-725-5033	Date:	01/24/2023
OFM Review: Jennifer Masterson	Phone:	(360) 810-0117	Date:	01/26/2023

Page 1 of 4 Bill Number: 1050 HB

FNS060 Local Government Fiscal Note

# Part IV: Analysis A. SUMMARY OF BILL

Description of the bill with an emphasis on how it impacts local government.

This legislation would amend RCW 39.04.320, related to apprenticeship training programs and public works contracts for municipalities. The effective date would be July 1, 2022.

In all public works projects estimated to cost \$1 million or more, current law requires at least 15 percent of the labor hours be performed by apprentices. The law would stipulate that all public works contracts awarded by a municipality costing \$1 million or more require at least 15 percent of the labor hours to be performed by apprentices. Additionally, the legislation would require that at least 15 percent of subcontractor labor hours for public works costing \$200,000 or more must be performed by apprentices.

Municipalities would be responsible for monitoring apprenticeship utilization hours by the contractors and include a specific line item in the contract specifying that apprenticeship utilization goals should be met, monetary incentives for meeting the goals, monetary penalties for not meeting the goals, and an expected cost value to be included in the bid associated with meeting the goals. The municipality must report the apprenticeship utilization by contractor and subcontractor to the supervisor of apprenticeship at the Department of Labor and Industries (L&I) by final project acceptance.

The Department of Enterprise Services (DES) must provide information and technical assistance to municipalities and DES collected data for relevant projects. Section 1(5)(a) outlines the required data to be collected. Section (1)(7) DES and the L&I are required to compile and summarize the data when requested by the legislature for both state agencies (current law) and municipalities (proposed legislation).

#### **B. SUMMARY OF EXPENDITURE IMPACTS**

Expenditure impacts of the legislation on local governments with the expenditure provisions identified by section number and when appropriate, the detail of expenditures. Delineated between city, county and special district impacts.

This legislation would result in indeterminate impacts to local government expenditures. Potential impacts could be significant.

For the purposes of this fiscal note, local government takes on the application assumptions put forward by the Department of Labor & Industries:

The Department of Labor & Industries (L&I) would be required to begin verifying AURs on all public works projects over \$1 million awarded by municipalities and subcontractors with a contract of \$200,000 on a qualifying project in addition to the current list of contractors with a mandatory 15 percent AUR.

#### **INCREASED BID COSTS**

It is anticipated enactment of this bill will result in higher administrative costs for the prime contractor, which will be passed on to public works projects in the form of higher bids. Local jurisdictions have reported an expected increase range of 5 to 10 percent per bid. This cost would vary dependent on the type, scale and other requirements of an individual project. Reasons include:

- The increased administrative effort to obtain and maintain apprentices, and to track and report progress toward apprenticeship requirements.
- Increased labor costs on certain projects in order to maintain the proper journeyman to apprentice ratios.
- The cost to access/join apprenticeship programs.

Additionally, it is not standard practice to name subcontractors during the bidding process. This could cause complications within the duration of a project and have a negative impact upon bids and change orders. For example, certain contractors may bid their subcontracted work to staying under the threshold, only to necessitate adding to the costs through change order later in the project.

Page 2 of 4 Bill Number: 1050 HB

#### OTHER COST IMPACT CONSIDERATIONS

Other challenges impact the cost of subcontractors required to meet an apprenticeship labor threshold of 15% include:

- Difficulty for smaller contractors to meet the requirement, as certain trades may not have the proper journeyman to apprentice ratios at this level;
- Reduce opportunities for small contractors, as certain prime contractors may limit their use of subcontractors to avoid the administrative impacts of the 15% requirement;
- Have a negative impact upon bids and change orders, as certain contractors may intentionally bid their subcontracted work to stay under the threshold, only to add to the costs through change order later in the project.
- Limit competition of the bidding process, with the potential for a higher impact in rural geographies.
- The proposed legislation does have stipulations that would adjust requirements, however, it can be anticipated that the exemption process would also incur indeterminate costs.

#### LOCAL EXAMPLES

Local municipalities anticipate challenges meeting apprenticeship requirements as demonstrated through current local requirements and documented challenges. For example:

#### Example 1:

Snohomish County has required 15% apprenticeship on County projects for several years. The County has recently amended their overall requirement for apprenticeship labor, raising the threshold for apprenticeship requirements being applied from projects costing \$250,000 to being applied to projects costing \$1M. Apprenticeship requirements in the County for obtaining a waiver are more restrictive than what is written in legislation. The County has supplemental bidder responsibility criteria, causing bidders to be found non-responsive if they have failed to meet apprenticeship requirements on any project during the two years prior to the bid. Therefore, if subcontractor fails to meet the 15% requirement, there is the implication that the prime and sub-contractors would not be eligible to bid on Snohomish County projects for a period of two years. Snohomish County notes that in their experience, it is often very difficult to obtain 15% apprenticeship on smaller projects.

#### Example 2:

The City of Vancouver currently has an apprenticeship requirement. The apprenticeship program is scaled based on estimated project value (starting at \$500K) and ranges from 3% to 8% for contracts over \$12M. The program requires contractor's to quantify the cost of apprenticeship utilization on the project. Apprenticeship information is collected through prime contractors that in turn, also may collect information from subcontractors.

Four of the nine projects in 2020 exceeded the \$1 million dollars proposed by HB 1308. For those four projects, the cost of the programs ranged from \$7,000 - \$25,190, with an average cost of \$10,183. These projects had apprenticeship goals of 3-5%. Vancouver reports that their current utilization goals can be challenging.

ASSUMPTION: The impacts in this section were initially estimated in association with HB 1308 (2021). The Local Government Fiscal Note Program assumes that such costs would be similar in a job market with an abundance of talent. In a tighter job market, higher bid cost and other cost impacts would be likely, but will vary depending upon volatile labor conditions and cannot be predicted in advance. Therefore these potential cost fluctuations are indeterminate

#### C. SUMMARY OF REVENUE IMPACTS

Revenue impacts of the legislation on local governments, with the revenue provisions identified by section number, and when appropriate, the detail of revenue sources. Delineated between city, county and special district impacts.

This legislation would not impact local government revenue.

**SOURCES** 

Local Government Fiscal Note HB 1308 (2021) The City of Vancouver Okanogan County Snohomish County

Page 3 of 4 Bill Number: 1050 HB

Washington State Association of Counties (WSAC) Association of Washington State Cities (AWC)

Page 4 of 4 Bill Number: 1050 HB

Bill Number: 1050 HB	Title	: Apprenticeship utilization	Ag	ency: SDF-School District Fiscal Note - SPI
Part I: Estimates	No Fiscal Impact nated Cash Receipts to:  NONE nated Operating Expenditures from:  NE nated Capital Budget Impact:  Non-zero but indeterminate cost and/or savings. Please see discussion.  Non-zero but indeterminate cost and/or savings. Please see discussion.  Non-zero but indeterminate cost and/or savings. Please see discussion.  If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete of form Parts I-V.			
No Fiscal Impact				
Estimated Cash Receipts	to:			
NONE				
The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimate and alternate ranges (if appropriate), are explained in Part II.  Cheek applicable boxes and follow corresponding instructions:  If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal not form Parts IV.  If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Pa X).  Capital budget impact, complete Part IV.  Requires new rule making, complete Part V.  Legislative Contact: Kelci Karl-Robinson Phone: 360-786-7116 Date: 01/17/2023				
Estimated Capital Budget	Impact:			
	Non-zero but in	determinate cost and/or savings. Pl	ease see discussion.	
			ıl impact. Factors impo	acting the precision of these estimates,
Check applicable boxes	and follow corre	esponding instructions:		
X If fiscal impact is gree form Parts I-V.	eater than \$50,00	00 per fiscal year in the current bienniu	ım or in subsequent b	viennia, complete entire fiscal note
If fiscal impact is les	ss than \$50,000 j	per fiscal year in the current biennium	or in subsequent bier	nnia, complete this page only (Part I
X Capital budget impa	ct, complete Par	t IV.		
	-			
Kequires new rule m	iaking, complete	: rarı V.		
Legislative Contact: I	Kelci Karl-Robii	ıson	Phone: 360-786-71	16 Date: 01/17/2023
Agency Preparation: I	Kirti Vijay		Phone: 360725626	1 Date: 01/31/2023
Agency Approval:	Randy Newman		Phone: 360 725-62	.67 Date: 01/31/2023
OFM Review:	Kelsey Rote		Phone: (360) 000-0	0000 Date: 02/01/2023

#### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.

The proposed legislation is trying to expand the apprenticeship utilization requirements.

Sec. 1 (1)(a)(ii) states that all public works contracts awarded by a municipality estimated to cost \$1,000,000 or more must require at least 15% of labor hours to be performed by apprentices.

Sec. 1 (1)(a)(iii) requires that all subcontractors on public works with an initial subcontract price of \$200,000 or more must require at least 15% of labor hours to be performed by apprentices.

Sec. 1 (1)(d)(iii) specifies that all subcontractors on public works by a four-year institution of higher education with an initial subcontract price of \$200,000 or more must require at least 15% of labor hours to be performed by apprentices.

Sec. 1 (9) establishes the minimum apprenticeship utilization requirements. However, if any local standards or requirements relating to apprenticeship utilization are more favorable to apprentices than the minimum requirements of the proposed legislation, then the more favorable laws apply and may be enforced as provided by law.

Sec. 2 describes that the bill would take effect on July 1, 2024.

#### II. B - Cash receipts Impact

Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.

No impact to local school districts' cash receipts.

#### II. C - Expenditures

Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.

No impact to local school districts' operating budget.

## Part III: Expenditure Detail

III. A - Operating Budget Expenditures

NONE

III. B - Expenditures by Object Or Purpose

**NONE** 

III. C - Operating FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.

**NONE** 

III. D - Expenditures By Program (optional)

NONE

### Part IV: Capital Budget Impact

#### IV. A - Capital Budget Expenditures

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. B - Expenditures by Object Or Purpose

Non-zero but indeterminate cost and/or savings. Please see discussion.

#### IV. C - Capital Budget Breakout

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

Non-zero but indeterminate cost and/or savings. Please see discussion.

IV. D - Capital FTE Detail: FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

**NONE** 

The proposed legislation aims to expand the apprenticeship utilization for public works projects awarded by school districts which are above certain thresholds. However, the number of such public works contracts to be awarded is unknown and can only be estimated. Hence, the capital budget impact is indeterminate.

For the purposes of discussion, the trade of carpentry is considered. The United States Department of Labor's Bureau of Labor Statistics pegs the hourly mean wage for carpenters in Washington state at \$31.86. The Washington State Department of Labor & Industries states that the average apprenticeship hourly wage of carpenters is \$44.25. The difference in the basic wages amounts to the additional labor costs and is used to calculate the additional cost of benefits. Both of these are then applied to the mandatory minimum of 15% of labor hours, calculated as a percentage of the total construction cost.

Thereafter, the additional cost of expanding the apprenticeship utilization is extrapolated to the estimated small district modernization projects over \$1,000,000 and school construction assistance programs projects. The following are the estimates of additional cost due to expanding the apprenticeship utilization.

FY 2024 - \$ 14,423,000

FY 2025 - \$ 23,058,000

FY 2026 - \$ 31,233,000

FY 2027 - \$ 30,454,000

FY 2028 - \$ 34,147,000

FY 2029 - \$ 33,511,000

FY 2030 - \$ 37,354,000

FY 2031 - \$ 36,875,000

FY 2032 - \$ 40,884,000

FY 2033 - \$ 40,578,000

See attachment 1 for detailed calculations.

## Part V: New Rule Making Required

Office of Superintendent of Public Instruction HB 1050 Expanding Apprenticeship Utilization Requirements - Attachment 1

Calculation of additional costs due to increased apprenticeship utilization	2023-25	. Rienni	ium	2025-27	Rienniu	m		2027-29	Rien	inium	ium			2029-31 Biennium			2031-33 Biennium			
	2024	Dicinii	2025	2026		2027		2028	l	2029	2030		2031		2032		2033			
Small District Modernization																				
Small District Modernization Project Requests	\$ 116,158,000			\$ 116,158,000			\$	116,158,000			\$	116,158,000			\$	116,158,000				
Estimated Additional Cost of Labor to Public Works Contract	2%			2%				2%				2%				2%				
Estimated Additional Project Cost due to HB 1050	\$ 2,208,454			\$ 2,208,454			\$ 2,208,454			\$		\$ 2,208,454				\$ 2,208,454				
School Construction Assistance Program																				
Estimated School Construction Assistance Program Project Requests	\$ 644,844,132	\$	1,216,592,140	\$ 1,531,788,451	\$ 1	1,606,834,421	\$	1,685,559,627	\$	1,768,146,725	\$	1,854,778,373	\$	1,945,663,323	\$	2,041,010,324	\$	2,141,028,127		
Estimated Additional Cost of Labor to Public Works Contract	2%		2%	2%		2%		2%		2%		2%		2%		2%		2%		
Estimated Additional Project Cost due to HB 1050	\$ 12,260,099	\$	23,130,458	\$ 29,123,128	\$	30,549,939	\$	32,046,702	\$	33,616,890	\$	35,263,974	\$	36,991,924	\$	38,804,709	\$	40,706,297		
·										•										
Total Additional Costs due to increased apprenticeship utilization	\$ 14,469,000	\$	23,130,000	\$ 31,332,000	\$	30,550,000	\$	34,255,000	\$	33,617,000	\$	37,472,000	\$	36,992,000	\$	41,013,000	\$	40,706,000		
Biennial Costs		\$	37,599,000		\$	61,882,000			\$	67,872,000			\$	74,464,000			\$	81,719,000		

Calculation of Apprenticeship Utilization to Sub-Contractors Impact	
Methodology	
Public Works Construction Contract Estimate	\$ 1,000,000
Assumed Labor Percentage of Construction Contract	259
Estimated Labor Cost	\$ 250,000
Estimated Sub-Contractor Labor Completed by Apprentices	159
Estimated Cost of Labor Completed by Apprentices	\$ 37,500
Wage Difference Percentage	39%
Additional Labor (Salary) Costs	\$ 14,625
Estimated Labor (Benefit) Percentage	30%
Additional Labor (Benefit) Costs	\$ 4,388
Total Additional Labor Costs (Salary and Benefits)	\$ 19,013
Estimated Additional Cost of Labor to Public Works Contract	29