

# F2025-2027 DBE Goal - Whatcom Transportation Authority

## Step 1(A): Determine Base Figure as overall relative availability of DBEs by NAICS Code.

Relative Availability for each NAICS Code was calculated by dividing Number of DBEs available by Number of all Firms. Data for Number of DBEs Available came from the Office of Minority and Women's Business Enterprises. Counties included in the market area were Whatcom, Skagit, Snohomish, and Island.

NAICS Code	Project	Available DBE Firms by NAISC Code	All Firms (DBE and Non-DBE) by NAISC Code	Relative Availability of DBEs by NAISC Code
237990	Heavy Civil Contractor	1	20	5.00%
238110	Poured Concrete	0	194	0.00%
238120	Structural Steel & Precast Concrete	0	15	0.00%
238150	Glass & Glazing Contractor	0	46	0.00%
238160	Roofing Contractors	0	211	0.00%
238170	Siding Contractors	0	130	0.00%
238210	Electrical Contractor	3	452	0.66%
238220	Plumbing & Heating, Air Conditioners	1	450	0.22%
238310	Drywall & Insulation Contractor	0	181	0.00%
238320	Painting & Wall Coverings	0	389	0.00%
238330	Flooring Contractor	0	209	0.00%
238390	Finish Carpentry Contractor	0	37	0.00%
238910	Site Preparation	2	305	0.66%
423610	Electrical Equipment	1	55	1.82%
541310	Architectural	0	52	0.00%
541320	Land Use Design	0	10	0.00%
541620	Environmental Consulting	1	62	1.61%
		<b>9</b>	<b>2,818</b>	<b>0.32%</b>

<b>Base Figure:</b>	<b>0.32%</b>
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## Step 1(B): Determine Weighted Base Figure.

Multiply Relative Availability (calculated in Step 1(A)) by Weight using weight for each NAICS Code calculated on *FTA Dollars by NAISC Code* sheet.

NAICS Code	NAICS Description	Weight (FTA Dollars by NAISC Code)	x	Relative Availability (from Step 1)	=	Weighted Base
237990	Heavy Civil Contractor	0.02		0.05		0.0010
238110	Poured Concrete	0.02		0.00		0.0000
238120	Structural Steel & Precast Concrete	0.09		0.00		0.0000
238150	Glass & Glazing Contractor	0.03		0.00		0.0000
238160	Roofing Contractors	0.04		0.00		0.0000
238170	Siding Contractors	0.04		0.00		0.0000
238210	Electrical Contractor	0.14		0.01		0.0009
238220	Plumbing & Heating and Air Conditioners	0.43		0.00		0.0009
238310	Drywall & Insulation Contractor	0.01		0.00		0.0000
238320	Painting & Wall Coverings Contractor	0.02		0.00		0.0000
238330	Flooring Contractor	0.00		0.00		0.0000
238390	Finish Carpentry Contractor	0.01		0.00		0.0000
238910	Site Preparation Contractor	0.00		0.01		0.0000
423610	Electrical Apparatus	0.04		0.02		0.0008
541310	Architectural	0.09		0.00		0.0000
541320	Land Use Design	0.01		0.00		0.0000
541620	Environmental Consulting	0.01		0.02		0.0002

<b>Weighted Base Figure</b>	0.0039
<b>Weighted Base Figure Expressed as Percentage</b>	0.39%

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## Calculate FTA Dollars by NAISC Code.

Calculate percentage of total federal dollars by NAICS Code. "Amount of FTA Funds in NAISC Code" based on federal funding by NAISC Code by project amounts calculated on *FTA Projects by NAICS Code* sheet. If multiple projects involve same NAICS Code, federal dollars for that NAICS Code are combined. Percentage of total federal dollars = "Amount of FTA Funds in NAISC Code" divided by "Total Federal Dollars."

NAICS Code	NAICS Description	Amount of FTA Funds in NAISC Code
237990	Heavy Civil Contractor	\$3,000.00
237990	Heavy Civil Contractor	\$120,612.00
238110	Poured Concrete	\$65,765.60
238110	Poured Concrete Contractor	\$32,527.20
238120	Steel & Precast Concrete	\$557,837.60
238150	Glass & Glazing	\$194,511.20
238160	Roofing Contractors	\$244,066.40
238170	Siding Contractors	\$218,624.80
238210	Electrical Contractor	\$142,986.00
238210	Electrical Contractor	\$5,924.80
238210	Electrical Contractor	\$669,743.20
238220	Plumbing & Heating, Air	\$2,567,096.80
238310	Drywall & Insulation Contractor	\$71,275.20
238320	Painting & Wall Coverings	\$112,381.60
238330	Flooring Contractor	\$8,887.20
238390	Finish Carpentry Contractor	\$53,145.60
238910	Site Preparation	\$28,172.80
423610	Electrical Equipment	\$253,156.00
541310	Architectural	\$520,000.00
541320	Land Use Design	\$80,000.00
541620	Environmental Consulting	\$80,000.00
		<b>\$6,029,714.00</b>

NAICS Code	NAICS Description	Amount of FTA Funds in NAISC Code	% of Total Federal Dollars in NAISC Code
237990	Heavy Civil Contractor	\$123,612.00	2.05%
238110	Poured Concrete	\$98,292.80	1.63%
238120	Steel & Precast Concrete	\$557,837.60	9.25%
238150	Glass & Glazing	\$194,511.20	3.23%
238160	Roofing Contractors	\$244,066.40	4.05%
238170	Siding Contractors	\$218,624.80	3.63%
238210	Electrical Contractor	\$818,654.00	13.58%
238220	Plumbing & Heating, Air	\$2,567,096.80	42.57%
238310	Drywall & Insulation	\$71,275.20	1.18%
238320	Painting & Wall	\$112,381.60	1.86%
238330	Flooring Contractor	\$8,887.20	0.15%
238390	Finish Carpentry	\$53,145.60	0.88%
238910	Site Preparation	\$28,172.80	0.47%
423610	Electrical Equipment	\$253,156.00	4.20%
541310	Architectural	\$520,000.00	8.62%
541320	Land Use Design	\$80,000.00	1.33%
541620	Environmental Consulting	\$80,000.00	1.33%
	<b>Total Federal Dollars</b>	<b>\$6,029,714.00</b>	<b>100.00%</b>

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Calculate Percentage of Federal Dollars in NAISC Code on a Project Basis.

Calculate percentage of federal dollars by NAISC Code by Project. Percentage of FTA Funds in NAISC Code = "Amount of FTA Funds in NAISC Code" divided by "Total WTA Budgeted Amount."

### MIDWAY LOT ELECTRIFICATION

Electrical improvements to WTA's Midway lot, located at the Southwest corner of Midway Lane and Bakerview Spur intersection in Bellingham, Washington. These improvements are necessary to the electrification of our fleet. Please note that the actual purchase of the chargers, expected to be \$680,000.00, will be done in 2024 and is therefore not accounted for below.

NAICS Code	NAICS Description	Project Scope	WTA Budgeted Amount	WSDOT Funds in NAISC Code	FTA Funds in NAISC Code	% of FTA Funds in NAISC Code	Notes
<b>MIDWAY LOT ELECTRIFICATION</b>							
423610	Electrical Equipment	Puget Sound Energy - Direct Contract for Transformer	\$150,000.00	\$150,000.00			2025 - PSE will own and maintain transformer
423610	Electrical Equipment	Switch Gear, ATS, Disribution Section, Generators, Wiring	\$833,340.00	\$833,340.00			2025 - ITB 2024-023
423610	Electrical Equipment	Wiring	\$253,156.00		\$253,156.00	14.10%	2025 - ITB 2024-023; will spend \$11K in 2024
237990	Heavy Civil Contractor	Replace the 8x8 Vault Lid for Transformer Installation	\$3,000.00		\$3,000.00	0.17%	2025 - WTA to pay PSE Directly
237990	Heavy Civil Contractor	Site Prep, Trenching, Backfill Required	\$18,150.00	\$18,150.00			2025 - ITB 2024-023
238210	Electrical Contractor	Electrical improvements to existing switchgear	\$360,195.00	\$360,195.00			2025 - ITB 2024-023
238210	Electrical Contractor	Installation of chargers	\$142,986.00		\$142,986.00	7.96%	2025 - ITB 2024-023, will spend \$67K in 2024
238110	Poured Concrete	Concrete pad for new automatic transfer switch	\$21,000.00	\$21,000.00			2025 - ITB
238290	Generator Rigger & Install	Crane for placement of Generators	\$14,000.00	\$14,000.00			2025 - ITB
<b>Project Totals</b>			<b>\$1,795,827.00</b>	<b>\$1,396,685.00</b>	<b>\$399,142.00</b>	<b>22.23%</b>	

### PAINT BOOTH AND BODY BAY

Construction of a free standing building adjacent to our head office. This building will serve as our detailing center for our rolling stock. While WTA is confident that this project will happen in this Goal's FFYs, we are not sure of the source of funding. We will revise our goal if necessary to remove. We have estimated federal funding at 80% of WTA Budgeted Amount for all involved NAISC Codes.

NAICS Code	NAICS Description	Project Scope	WTA Budgeted Amount	WSDOT Funds in NAISC Code	FTA Funds in NAISC Code	Percentage of FTA Funds in NAISC Code	Notes
238910	Site Preparation	Labor - Prepare Existing Conditions	\$35,216.00	\$7,043.20	\$28,172.80	0.40%	2026
238110	Poured Concrete	Labor	\$82,207.00	\$16,441.40	\$65,765.60	0.93%	2026
238120	Steel & Precast Concrete	Materials - Metals	\$697,297.00	\$139,459.40	\$557,837.60	7.93%	2026
238310	Drywall & Insulation Contractor	Labor - Thermal & Moisture Protection	\$89,094.00	\$17,818.80	\$71,275.20	1.01%	2026
238170	Siding Contractors	Labor - Thermal & Moisture Protection	\$273,281.00	\$54,656.20	\$218,624.80	3.11%	2026
238220	Plumbing & Heating, Air	Labor - HVAC, Fire Suppression, Plumbing	\$3,208,871.00	\$641,774.20	\$2,567,096.80	36.47%	2026
238210	Electrical Contractor	Materials - Equipment	\$7,406.00	\$1,481.20	\$5,924.80	0.08%	2026
238210	Electrical Contractor	Labor - Install Materials	\$837,179.00	\$167,435.80	\$669,743.20	9.52%	2026
237990	Heavy Civil Contractor	Labor - Earthworks, Utilities	\$150,765.00	\$30,153.00	\$120,612.00	1.71%	2026
238110	Poured Concrete Contractor	Labor - Exterior Improvements	\$40,659.00	\$8,131.80	\$32,527.20	0.46%	2026
541620	Environmental Consulting	A&E & Planning	\$100,000.00	\$20,000.00	\$80,000.00	1.14%	2026
541310	Architectural	A&E & Planning	\$650,000.00	\$130,000.00	\$520,000.00	7.39%	2026
541320	Land Use Design	A&E & Planning	\$100,000.00	\$20,000.00	\$80,000.00	1.14%	2026
238160	Roofing Contractors	Labor - Thermal & Moisture Protection	\$305,083.00	\$61,016.60	\$244,066.40	3.47%	2027
238150	Glass & Glazing Contractor	Labor - Openings	\$243,139.00	\$48,627.80	\$194,511.20	2.76%	2027
238390	Finish Carpentry Contractor	Labor - Openings	\$66,432.00	\$13,286.40	\$53,145.60	0.76%	2027
238330	Flooring Contractor	Labor Finishes	\$11,109.00	\$2,221.80	\$8,887.20	0.13%	2027
238320	Painting & Wall Coverings	Labor - Finishes	\$140,477.00	\$28,095.40	\$112,381.60	1.60%	2027
<b>Project Totals</b>			<b>\$7,038,215.00</b>	<b>\$1,407,643.00</b>	<b>\$5,630,572.00</b>	<b>80.00%</b>	
<b>Funding Totals</b>			<b>\$8,834,042.00</b>	<b>\$2,804,328.00</b>	<b>\$6,029,714.00</b>		

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## Step 2: Adjust Weighted Base Figure.

Adjust weighted base figure from Step 1(B). Consider past participation (the volume of work DBEs have performed in recent years). Calculate historical median based on achieved DBE participation for prior three FYs. Calculate Overall DBE Goal by adding weighted base figure and historical median, then dividing by 2.

	FY2022	FY2023	FY2024
<b>Overall DBE Goal</b>	1.00%	1.00%	1.00%
<b>Actual Participation</b>	0.00%	0.00%	0.00%

**Historical Median (sum of Actual Participation/3)** 0.00%

<b>Overall DBE Goal</b>	<b>0.19%</b>
<i>Race Neutral</i>	0.19%
<i>Race Conscious</i>	0%

**Overall DBE Goal in Dollars**     **\$11,698.35**

\*Relevant and reliable data not available for the following factors: evidence from disparity studies conducted in market area (including relevant studies commissioned by other contracting agencies in market area); statistical disparities in the ability of DBEs to get financing, bonding and insurance; data on employment, self-employment, education and training, union apprenticeship programs; and any other data that would help to better measure the percentage of work that DBEs would be likely to obtain in the absence of discrimination.

I began our DBE goal setting for FFYs 2024-2027 by identifying projects that will/could use federal funds. WTA is certain that our Midway Lot Electrification will go forward and will use federal funds. It is likely that the paint and body booth project will move forward and could possibly use federal funds if it does.

The following steps were taken to establish our agency goal:

1. I worked with WTA's construction project manager to break both projects down into applicable NAICS codes.
2. As some NAICS codes are applicable to each project, I combined their values so that I could establish an overall relative availability
3. I searched the OMWBE website for certified DBEs that perform each NAICS code in my market area. My market area is Whatcom County, Skagit County, Snohomish County, and Island County.
4. I then searched Census Data to determine how many contractors perform that NAICS code in the same market area.
5. To determine relative availability, I divided the number of DBEs by the number of total contractors (including DBEs) that perform each NAICS code.
6. The relative availability for each NAICS Code was then multiplied by the weight of that NAICS Code in terms of FTA Dollars we predict we will spend on that code.
7. These weighted bases were added for a total Weighted Base Figure.
8. I then reviewed the Historical Median of DBE participation from FY2022-2024. I calculated the Historical Median of DBE participation for 2022, 2023, and 2024 and added that number to our Total Weight Base . This sum was divided into two to get the average of the two numbers.
9. This average is our Overall DBE Goal.

As stated above, our market area was determined to be Whatcom, Skagit, Snohomish, and Island counties. These were selected as they are the most realistic to expect contractors to travel from to perform work for WTA. Whatcom County is bordered to the north by Canada, to the west by the Puget Sound, and to the east by mountains. We are limited to the counties south of Whatcom, but north of Seattle (King County). Our market research indicated that there is enough work for DBEs in Seattle to justify them travelling 100 miles north to Bellingham.

Once our goal was established, I contacted the Northwest Small Business Transportation Resource Center for input into our methodology. Program Manager Robbin Calloway and I discussed how WTA calculated our DBE goal and the geographical limitations of Whatcom. She concurred with our process and suggested that WTA do more research into why contractors are not engaging in DBE Process. We made plans to connect in person at the American Public Works Association's fall conference in Kennewick, WA in October 2024 to further discuss meaningful outreach.

I also contacted Dr. Damani Johnson of the Whatcom Racial Equity Commission. We discussed WTA's goal, and he expressed concern over the lack of DBEs in our market area. He encouraged me to reach out directly to DBEs before solicitations are released to let them know of any bidding opportunities. While he agreed with my methodology in setting the goal, he expressed that the low number meant that DBE outreach must be more powerful and effective than what WTA has been doing in the past.

A third discussion was had with Timolin Abrom. I presented our goal and methodology, and she agreed with my approach. She encouraged me to approach my goal as a fluid number that can change as projects and funding changes. A complete list of all NAICS codes is rarely known at the start of a project, or in our case, before the project is even fully defined. I committed to updating the agency goal as more information becomes available on these projects.

Our goal and DBE Goal for FFYs 2025-2027 was released publicly on July 31, 2024, through WTA's website.