



CAPITAL AREA TRANSIT

**DBE – OVERALL GOAL & CALCULATION
FFY 2018 – FFY 2020**

July 13, 2017

Section 26.45: Overall Goal Calculation
July 13, 2017

Capital Area Transit is submitting its overall triennial Disadvantaged Business Enterprise (DBE) Goal and corresponding goal setting methodology for the three-year Federal Fiscal Year (FFY) goal period 2018-2020 (October 1, 2017 through September 30, 2020), pursuant to Title 49 Code of Federal Regulations (CFR) Part 26 “Participation by Disadvantaged Business Enterprise in U.S. Department of Transportation Programs.” The purpose of the DBE goal setting process is to level the playing field so that DBE’s can compete fairly for Department of Transportation assisted contracts. CAT estimates that its’ overall goal will be obtained 100 percent from race-neutral participation.

The following is the methodology for determining the FFY2018-2020 DBE Goal:

Amount of Goal

1. Capital Area Transit’s overall DBE goal for the time period of 2018-2020 is 3.38% of the Federal financial assistance expended in DOT-assisted contracts exclusive of FTA funds to be used for the purchase of transit vehicles.
2. \$922,650 is the dollar amount of DOT-assisted contracts that Capital Area Transit expects to award during the period FFY2018-2020 of which \$31,195 is the amount that Capital Area Transit has set as the goal of expending with DBEs during the fiscal years/projects.

Methodology used to Calculate Overall Goal

Step 1: 26.45(c)

In step-1, CAT identified areas of potential DBE contracting opportunity during FFY 2018 through 2020. CAT used the Transportation Improvement Plan (TIP) as a guide in analyzing DBE opportunities. The following list of projects is the total planned projects at this time for FY 2018 through 2020.

All reasonably anticipated FTA-assisted contracting opportunities are identified as:

	NAICS Code	Description of Work	Amount of DOT funds on project:	% of total DOT funds (weight)
1)	238110	Concrete Repairs	\$24,680.00	0.0267
2)	238220	Plumbing/Heating	\$15,000.00	0.0163
3)	238210	Electrical Work	\$10,000.00	0.0108
4)	238320	Painting	\$8,000.00	0.0087
5)	339950	Electronic Signage	\$244,459.00	0.2650
6)	561730	Landscape/Renovations	\$171,011.00	0.1853
7)	423860	Shop Tools/Equipment	\$276,000.00	0.2991
8)	423420	Office Equipment	\$34,700.00	0.0376
9)	423430	Computer Equipment	\$138,800.00	0.1504
	Total FTA-Assisted Contract Funds		\$922,650.00	1

CAT has had limited projects in the past three years that provided opportunity for DBE participation. The prior DBE goal utilized anticipated Building Renovation, Bus Shelter and Transfer Center Renovation project DBE participation which in reality had little to no DBE participation.

CAT purchased 4 heavy duty buses which were delivered between 2015-2017. The Transit Vehicle Manufacturer reports the DBE participation.

CAT identified the immediate local market as Dauphin, Cumberland, York, Lancaster, and Lebanon Counties. CAT further extended the DBE search to include: Adams, Franklin, Juniata, Perry, Snyder, Schuylkill, and Northumberland Counties. A total of 101 firms have been identified as part of the PA Unified Certification Program (UCP) from the 12 counties. This is the geographic area CAT regularly utilizes when bidding projects.

CAT reviewed the DBEs on the Pennsylvania Unified Certification Program for the 12 counties surrounding CAT's primary location in Harrisburg. CAT then produced a report capturing each DBE, DBE's NAICS # and NAICS Description for ease in referencing future DBE project opportunities.

Determine the Relative Availability of DBE's by NAICS Code:

The numbers of DBEs and of all firms available to perform work on the identified contracting opportunities are:

	NAICS Code	Description of Work	Number of DBEs available to perform this work	Number of all firms available (including DBEs)	Relative Availability
1)	238110	Concrete Repairs	1	21	0.0476
2)	238220	Plumbing/Heating	3	147	0.0204
3)	238210	Electrical Work	4	93	0.0430
4)	238320	Painting	2	37	0.0541
5)	339950	Electronic Signage	0	5	0.0000
6)	561730	Landscape/Renovations	2	160	0.0125
7)	423860	Shop Tools/Equipment	5	80	0.0625
8)	423420	Office Equipment	3	11	0.2727
9)	423430	Computer Equipment	0	42	0.0000

Combined Totals			20	596	0.0336 <i>Overall availability of DBEs</i>
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CAT has determined that there are 596 firms that are potentially available to perform work. Through the PA UCP twenty (20) DBEs have been identified. Dividing the total DBEs (20) by the identified contractors available (596) provides a base figure of 3.36%.

In determining the percentage goal CAT used DBE's identified in the twelve county area as the numerator. Because of the larger amount of all firms in the 12 county area CAT constrained those firms to the CAT service area for the denominator.

CAT calculated the weighted based DBE figure for each individual project as follows:

Calculated the weighted % of each project to the total value of all projects (ex. Concrete = \$24,680 (project total) / \$922,650 (total value of all projects) = 2.67% of total value. Each project's weight was then multiplied by the availability of DBEs for that project to determine its weighted base figure. For example- the concrete project has a project to total weight of 2.67% x 4.762% (availability of DBEs to total contractors available for that project) = .13% weighted base figure total).

The following table details the calculations and totals for each individual project:

Step 1 C - (Weight) x (Availability) = Weighted Base Figure

	NAICS Code	Description of Work	Weight	x	Availability of DBEs	Weighted Base Figure
1)	238110	Concrete Repairs	0.02675	x	0.04762	0.0013
2)	238220	Plumbing/Heating	0.01626	x	0.02041	0.0003
3)	238210	Electrical Work	0.01084	x	0.04301	0.0005
4)	238320	Painting	0.00867	x	0.05405	0.0005
5)	339950	Electronic Signage	0.26495	x	0.00000	
6)	561730	Landscape/Renovations	0.18535	x	0.01250	0.0023
7)	423860	Shop Tools/Equipment	0.29914	x	0.06250	0.0187
8)	423420	Office Equipment	0.03761	x	0.27273	0.0103
9)	423430	Computer Equipment	0.15044	x	0.00000	
					Total	0.0338
					Expressed as a % (*100)	3.38%
					Rounded, Weighted Base Figure:	3.4%

The Breakdown of Required DBE by Project based on the Weighted Base Figure is as follows:

(Weighted Base Figure for Each Project x Total Projects of \$922,650 over the 3 Year Period)

1. Concrete Repairs: .0013 x \$922,650 = \$1,175
2. Plumbing and Heating: .0003 x \$922,650 = \$306
3. Electrical Work: .0005 x \$922,650 = \$430
4. Painting: .0005 x \$922,650 = \$432

- 5. Electronic Signage: $0.00 \times \$922,650 = \0
- 6. Landscaping/Renovations: $.0023 \times \$922,650 = \$2,138$
- 7. Shop Tools/Equipment: $.0187 \times 922,650 = \$17,250$
- 8. Office Equipment: $.0103 \times \$922,650 = \$9,464$
- 9. Computer Equipment: $0.0 \times \$922,650 = \0

Grand Total DBE Participation [Sum of Above] = \$31,195

The 3.38% Weighted Base DBE goal per the previous table is confirmed by the following calculation:

$$\$31,195 \text{ DBE Participation} / \$922,650 \text{ Total Projects} = \text{a goal of } 3.38\%$$

Step 2: 26.45(d)

In reviewing the requirements under step 2, CAT has determined that it will not adjust the base figure of 3.38%. This decision is based on the fact that CAT's identified projects in the past three years provided little opportunity for DBE participation. We feel there is greater potential for participation in the upcoming identified projects as well as increased community awareness of the opportunity to participate in projects so CAT intends to remain with the base calculation.

In addition, at the time of the above goal establishment, CAT did not have any current disparity studies in hand relating to the jurisdiction, therefore no adjustments are being made at this time.

RACE CONSCIOUS/RACE NEUTRAL ADJUSTMENT

CAT expects to meet the entire goal through race-neutral means. This will be accomplished through the implementation of the small business element of the DBE plan.

FINAL GOAL

As the result of efforts by CAT to date, the overall goal for participation by DBEs in CAT's federally assisted contracts will be 3.38%. It will be through race-neutral measures.

In recognition of CAT's additional responsibility to foster DBEs, CAT will continue its efforts to forge community awareness of the DBE program in general through face to face discussions and communications as well as email or US Postal mailings with minority and DBE focused organizations and to encourage business' qualifying as state DBE's to also qualify as Federally qualifying DBE firms. CAT's efforts in the upcoming year will include a focused outreach to the following organizations in the Greater Harrisburg Area:

- African American Chamber of Commerce Central PA – Contacts include Wendy Jackson-Baum, Leland Nelson & Shariah Brown. Telephone # 717-829-8355.
- City of Harrisburg Tax & Enforcement Administrator (DBE vendors licensed by the City) – Mike Hughes – Telephone # 717-255-6515.
- Hispanic Chamber of Commerce – Contact name open – Telephone # 717-234-4704.
- Harrisburg Regional Chamber of Commerce – Contact name open – Telephone # 717-232-4099.

As well as any additional contacts CAT can make throughout the coming year. CAT's Board of Directors is committed to ensuring public awareness of all DOT assisted contract opportunities as well as operating type purchase/expenditures not necessarily falling under capital projects.

CAT's DBE Liaison and the Manager of Procurement will review all renovation related projects in the early stages to ascertain the best method to develop the bid specifications to enable more DBE participation. Additionally, the DBE Liaison will share the DBE spreadsheet with all CAT managers and administrative staff to ensure full awareness of the program.

Public Participation

We published our goal information in these publications:

Harrisburg Patriot News Newspaper – (Confirmation & Copy of Ad Attached)
 Carlisle Sentinel Newspaper – (Proof of Publication & Copy of Ad Attached)
 Capital Area Transit Web Site as follows:

PUBLIC NOTICE,
 CAPITAL AREA TRANSIT
 HARRISBURG, PENNSYLVANIA

In accordance with requirements of the U.S. Department of Transportation as set forth in 49 C.F.R. Part 26, as amended, the Cumberland-Dauphin-Harrisburg Transit Authority, DBA as Capital Area Transit, in Harrisburg, Pennsylvania, hereby notifies the public that, effective July 14, 2017, it has made available a copy of its 2017 Disadvantaged Business Enterprise goal at www.cattransit.com. The public is invited to read and comment on the methodology until August 27, 2017. Any public comments should be addressed to:

Capital Area Transit
 Attn: Mr. Tom Reynolds, Interim General Manager
 901 N. Cameron Street
 Harrisburg, PA 17101

The Comment period was open from July 14, 2017 to August 27, 2017.