

# DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION PROGRAM

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**Montachusett Regional Transit Authority Goal Methodology**

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## Goal Submission for Fiscal Years 2021-2023

### New Goals

The Montachusett Regional Transit Authority's (MART) overall goal for the time period FFY2021-2023 (October 1, 2017 through September 30, 2020) is 2% of the Federal financial assistance we will expend in DOT-assisted contracts, exclusive of FTA funds to be used for the purchase of transit vehicles. \$5,203,120 is the dollar amount of DOT-assisted contracts that MART expects to award between FFY2021 and FFY2023 in capital projects. \$3,372,120 is expected to be awarded in FFY2021, \$873,000 in FFY22, and \$958,000 in FFY20. This means that MART has set a goal of expending \$292,000 with DBEs during the next three fiscal years. We estimate that, in meeting our overall goal of 2%, we will obtain 2% from race-neutral participation and 0% through race-conscious measures.

### Minority/Women Contracting Outreach

In the past MART has worked with the North Central Chamber of Commerce to reach out to the local business community and inform them about our DBE Goals and the projects we have over the three year goal period. Currently, due to COVID-19 restrictions, the Chamber is only holding virtual programs for members, and MART is not currently a member of the Chamber. MART will work with the Chamber to try and hold a virtual program on our goals.

In the past MART also reached out to the NewVue Communities to establish a better relationship with Small Business and Minority Business groups in the region. A list of the MART's projects and goal for the next 3 years was sent them for distribution to the small, women and minority-owned businesses that they work with in a business development role.

MART has been very active in reaching out to DBE firms as projects are coming up to encourage them to bid on our projects and educate them on where to look for future projects. All DBE's in an applicable NAICS code or area of discipline are sent a bid package unsolicited for every RFR or RFP that MART publishes, and will continue to do so.

MART is a member of the North Central Workforce Investment Board and will continue to use this connection to establish relationships with more minority and women contracting groups.

### Goal Construction:

#### Projects

The following projects will be completed during the time period of Fiscal Years 2021-2023 and will be accomplished with DOT financial assistance.

#### FY21

Project Name	Project Description
Rehab of Fitchburg Admin/Maintenance Facility	Install CO2/NO system into bus storage and maintenance bays. This will automatically trigger exhaust Fans to turn on when CO2 or NO levels reach safety targets. Install exhaust vents to tie into system. Strip and paint walls and repair/replace steel wrappings around I-Beam Columns between garage doors. Add Gas-Packs to this since shifted from FY20.

Rehab Fitchburg Intermodal Center	Repair, sandblast, paint & seal steel frame which is rusting and streaking down side of building.
Replace/Upgrade IT Related Support Equipment	AVL Server overhaul (ITMS 8.0), Security Cameras, Platform SW Upgrades, Computer Upgrades
Rehab Leominster Admin/Storage Facility	Replace entire roof and Air Handling Unit (AHU) over 840 N. Main original building. Original pebble roof which is leaking in spots.
New Automatic Passenger Counters (45)	Install APCs in entire fixed route fleet - this will include large transit buses (23 dual door) and smaller shuttle buses (22 single door). This will provide solid passenger counts as well as PMT. Could tie AVL function to system.
Rehab Gardner Maintenance Facility	Repair collapsed underground storm drain and seal pavement around facility.
Rehab Fitchburg Admin/Maintenance Facility - Pavement	Seal asphalt pavement and re-stripe parking areas around entire facility. Regrind and pave employee parking area behind the building with fence between lot and neighboring property.
Replacement Engines on 35' Buses (2)	Two of the five 2007 Gillig buses still need engine replacements. The other 3 were done in FY18. 2007 Cummins engines have known problems.
Rehab Fitchburg Admin/Maintenance Facility - Stairs	Stairs in back of building need replacing as some of the concrete is crumbling creating an unsafe environment at this employee entrance.
Rehab Fitchburg Admin/Maintenance Facility - Fire Safety	Replace fire panel in basement as it is overloaded. This will require replacement of all fire safety related devices, such as but not limited to, smoke detectors.
Acquire - Support Vehicles	Replace current road supervisor/car-pool staff support vehicle. Current small fleet consists of 1 2005 car and 1 2009 SUV. This will help SGR.
Shop Equipment	Eliminate bus parallelogram and two-post lift. Replace two older 4-post lifts with rolling jacks. Purchase four 4-post lifts w/ jacks to replace these items. Also new reel systems w/piping and new guns. All new pumps in lube room.
Rehab Gardner Maintenance Facility	Have Structural engineer do analysis of floor in maintenance and vehicle storage bays. Repair floor in accordance with guidance.
Rehab/Reno Historic Mass Transp. Bldg. (Incl. Ops)	Strip & repaint existing historic windows. Cover historic windows with new weather tight energy efficient whole pane windows. Fix cracking corner stones over windows.
Acquire - Mobile Fare Collection Equip	Acquire replacement Automated Fare Collection System to include fare-box hardware, sales terminals, and software enabling innovative and wide ranging fare payment capabilities.
Purchase Vehicle Locator System	Replace legacy fixed route AVL system with new analytical bus route performance and ridership tracking system that will integrate with our Automatic Passenger Counters.
5 Ford Transmissions	Purchase 5 transmissions and related items for Ford E-350 chasses

**FY22**

Replace/Upgrade IT Related Support Equipment	Camera safety program, network infrastructure updates, and platform updates
Rehab Maintenance Bays	Fill in Pit + Rehab Oil Disposal Area; Remove Cartridge Lift, drain hydraulics fluid, and fill in holes
Spare sewer pumps	Purchase spare sewer pumps for multiple facilities
PURCHASE BUS SHELTERS	Purchase Bus Shelters to expand number of locations with a shelter.

Rehab Leominster Admin/Storage Facility	Reconfiguration of open space office area (old car showroom) for better utilization and increased energy efficiency. Replace single pane glass windows. Do asbestos abatement
Rehab Historic Transit Bldg - Athol Depot	Add security and fire alarm systems to Athol Depot.
Rehab Fitchburg Intermodal Center	Rehabilitate Intermodal at 100 Main St Fitchburg built in 1996. Replace roof over concourse & south pod. (North Pod done in 2017). Original roof gutters not configured correctly leading to leaks in North Pod. This project will mitigate and get warranties closed together.
Rehab Gardner Maintenance Facility	Scrape, blast cinder block, treat and paint with polymer based in Wash Bay
5 Allison B400R Transmissions	Purchase 5 Allison B400R transmissions and related items for large transit buses
5 Ford Transmissions	Purchase 5 transmissions and related items for Ford E-350 chasses

### FY23

Rehab Fitchburg Parking Garage	Replace Roof on garage stairwell tower at 150 Main St, Fitchburg. Stair tower facing needs repair as well.
Rehab 150 Main St Administrative Facility	Replace generator that supports 150 Main Street facility. Old generator installed in 2005.
Rehab Fitchburg & Leominster Parking Garages	Fitchburg & Leominster Parking Garage concrete decking, plus Wachusett Parking Lot Sidewalks need resealing applied. Needs to be done every 5-7 years for proper maintenance.
Replace/Upgrade IT Related Support Equipment	Camera safety program, network infrastructure updates, and platform updates
Rehab Fitchburg Admin/Maintenance Facility - Carey St.	The parking area in the back of the facility (located at Carey St, Fitchburg) will be expanded. The wooded area will be cleared and the steep grading removed to go from 20 parking spots to nearly 50 spots. A water retention system will also be placed below the asphalt for water runoff/pollution mitigation. A set of concrete stairs will be built leading from the lower parking lot up to the lobby door for easier access.
Rehab Fitchburg Admin Facility – Public Entrance	Remove and replace cobblestone walkway to front entrance
5 Ford Transmissions	Purchase 5 transmissions and related items for Ford E-350 chasses

### Information Sources

MART used two sources to determine the total firms available in our Local Market Area (LMA) and the number of DBE's certified in our region that are ready, willing and able to bid on our projects.

1. MART is part of a UCP with the Commonwealth of Massachusetts and the Massachusetts Department of Transportation. The Commonwealth's Supplier Diversity Office (SDO) certifies Disadvantaged Businesses and keeps a directory of these businesses on their website which can be downloaded. It can be downloaded in two ways – DBE's listed multiple times (duplicated) for each NAICS code they think relates to their business, and DBE's listed only once with the NAICS code which they chose to be their primary code. MART downloaded both directories for reference. But for purposes of determining relative availability, MART used the directory with the Primary NAICS code only. This directory is provided as *Attachment A*. There were One Thousand Twenty Seven (1027) unique DBE firms in all categories that MART or its operating

company may use over the next three years. However not every category relates to the capital projects listed above and not every firm in a specific NAICS code fits a specific project. The following categories used for the above projects are: Engineering (88), Construction – Specialty Contractors (No GC’s) (107), Remediation Services (13), Motor Vehicle Supplies and New Parts Merchant Wholesalers (2), Computer and Computer Peripheral Equipment and Software Merchant Wholesalers (5). There are two other NAICS codes which are listed as related to MART projects that have DBE’s – but those DBE’s do not provide the services or products needed for these very specialized Intelligent Transportation System Technologies – APC’s, AVL and AFC systems. Therefore on the weighted base tables under DBE availability they have been zeroed out.

2. To calculate all Firms within the same geographic region MART used census data downloaded from the U.S. Census database. This takes the census data and additional surveys that provide updates on specific statistics such as NAICS Code and Geographic Regions. The overall statistics for each category for Massachusetts and some additional counties in Connecticut and New Hampshire is shown in *Attachment B*. MART chose these geographies as its local market area due to bids received in procurements over the past two years. MART has received bids from firms in northern Connecticut and southern New Hampshire, as well as from all over the Commonwealth of Massachusetts.

### Step One: Base Figure

In order to determine a base figure for the DBE goal the following methodology was used: MART’s DBELO used an example spreadsheet provided by the RCRO to calculate a weighted DBE base figure for all projects forecasted for the upcoming goal submission period. Each of the projects, as described previously, was entered into a spreadsheet page using an estimated of funds for each NAICS code, relevant to that project, adding up to the project total. Each project sheet is then tied to a base figure calculation summary page for all the projects. This calculation takes the weight of each project times the total of all projects and multiplies it by the Relative Availability of DBE’s to all firms in the local market. This provides a weighted base figure. These calculations are shown in *Attachment C*.

Table 1 (next page) provides a detailed summary of these projects using the following information:

- Year of Award
- Project Name
- Federal Project Value
- NAICS codes
- Number of DBE firms on the Massachusetts SDO Certified Business Directory
- Total firms (as established by 2018 Census Data for County Business Patterns)
- Weight of federal dollars per project against total federal dollars, percentage of available DBE’s to total Firms
- Base number for weight of the project times DBE availability

A descriptive list of all possible applicable NAICS codes follows in Table 2.

This list includes codes that may be used by our Operating/PT Management Company in the course of maintaining MART’s vehicles and our facilities, as well as by MART in day to day direct expenses outside of the capital budget.

Table 1

Project Award	Projects	Amount of DOT \$ on project:	NAICS Code(s)	DBEs available	# all firms available	Weight	Rel. Availability	Weighted Base Figure
2021	New Automatic Passenger Counters (45)*	\$160,000	541512	0	22	0.03075	0.0000	0.0000
2021	Rehab Fitchburg Intermodal Center - Exterior	\$40,000	238190	3	111	0.00769	0.0270	0.0002
2021	Rehab Fitchburg Admin/Maintenance Facility - Stairs	\$8,000	238110	9	340	0.00154	0.0265	0.0000
2021	Rehab/Reno Historic Mass Transp. Bldg. - Windows	\$37,120	238150, 238320	13	1281	0.00713	0.0101	0.0001
2021	Acquire - Support Vehicles	\$32,000	441110	0	534	0.00615	0.0000	0.0000
2021	Rehab Fitchburg Admin/Maintenance Facility - Pavement	\$200,000	238910, 238990, 541330	133	3790	0.03844	0.0351	0.0013
2021	Replacement Engines on 35' Buses (2)	\$40,000	423120	2	265	0.00769	0.0075	0.0001
2021	Rehab Gardner Maintenance Facility - Floor	\$120,000	238110	3	340	0.02306	0.0088	0.0002
2021	Replace/Upgrade IT Related Support Equipment	\$200,000	423430	5	256	0.03844	0.0195	0.0008
2021	Purchase Vehicle Locator System*	\$275,000	541512	0	18	0.05285	0.0000	0.0000
2021	Acquire - Mobile Fare Collection Equip*	\$1,500,000	339999	0	21	0.28829	0.0000	0.0000
2021	Parallelogram, New Lube Pumps, Reels, & Meters	\$120,000	423830	0	535	0.02306	0.0000	0.0000
2021	Rehab of Fitchburg Admin/Maintenance Facility - Storage Bays	\$160,000	238220, 238290, 238320, 238990	41	5582	0.03075	0.0073	0.0002
2021	Rehab Fitchburg Admin/Maintenance Facility - Fire Safety	\$28,000	238210	31	2587	0.00538	0.0120	0.0001
2021	Rehab Gardner Maintenance Facility - Catch Basin	\$16,000	238190	3	111	0.00308	0.0270	0.0001
2021	Rehab Leominster Admin/Storage Facility - Roof	\$400,000	238160	1	418	0.07688	0.0024	0.0002
2022	Purchase Bus Shelters	\$16,000	332311	0	12	0.00308	0.0000	0.0000
2022	Replace/Upgrade IT Related Support Equipment	\$68,000	423430	5	256	0.01307	0.0195	0.0003
2022	Rehab Leominster Admin/Storage Facility - Office Rehab	\$200,000	238150, 238310, 562910	18	921	0.03844	0.0195	0.0008
2022	Rehab Historic Transit Bldg - add security & fire alarm systems	\$24,000	238210, 561621	31	2739	0.00461	0.0113	0.0001
2022	Rehab Fitchburg Intermodal Center - Roof	\$360,000	238160	1	418	0.06919	0.0024	0.0002
2022	Rehab Water St. Maintenance Bays	\$80,000	238990	24	2587	0.00769	0.0012	0.0000
2022	Purchase Spare Sewer Pumps	\$9,000	423830	0	340	0.03844	0.0265	0.0010
2022	Rehab Gardner Maintenance Facility - Wash Bay	\$30,000	238320	10	256	0.01922	0.0195	0.00038
2023	Rehab 150 Main St Administrative Facility - Generator	\$40,000	238210	3	3790	0.09994	0.0351	0.0035
2023	Rehab Fitchburg & Leominster Garages - reseal concrete	\$200,000	238110	9	154	0.00769	0.0195	0.0001
2023	Replace/Upgrade IT Related Support Equipment	\$100,000	423430	5	265	0.03037	0.0075	0.0002
2023	Rehab Maintenance Facility - Carey St. Parking Expansion	\$520,000	238910, 238990, 541330	133	865	0.01538	0.0277	0.0004
2023	Rehab Fitchburg Parking Garage - Stair Tower	\$40,000	238390	3	535	0.00173	0.0000	0.0000
2023	Rehab Admin/Maintenance Facility – Public Entrance	\$22,000	238140	12	1157	0.00577	0.0086	0.0000
All	Purchase Vehicle Transmissions (multiple years)	\$158,000	423120	2	604	0.00423	0.0199	0.0001

**Total DOT/FTA Funds \$5,203,120**

**Rounded, Weighted Base Figure: 1%**

Table 2

Possible NAICS Categories to be used on MART Projects/Operating Activities	
NAICS Code	Code/Category Description
236210	Industrial Building Construction
236220	Commercial and Institutional Building Construction
237110	Water and Sewer Line and Related Structures Construction
237130	Power and Communication Line and Related Structures Construction
237310	Highway, Street, and Bridge Construction
237990	Other Heavy and Civil Engineering Construction
238110	Poured Concrete Foundation and Structure Contractors
238120	Structural Steel and Precast Concrete Contractors
238130	Framing Contractors
238140	Masonry Contractors
238160	Roofing Contractors
238190	Other Foundation, Structure, and Building Exterior Contractors
238210	Electrical Contractors and Other Wiring Installation Contractors
238220	Plumbing, Heating, and Air-Conditioning Contractors
238290	Other Building Equipment Contractors
238310	Drywall and Insulation Contractors
238320	Painting and Wall Covering Contractors
238330	Flooring Contractors
238340	Tile and Terrazzo Contractors
238350	Finish Carpentry Contractors
238390	Other Building Finishing Contractor
238910	Site Preparation Contractors
238990	All Other Specialty Trade Contractors
315990	Apparel Accessories and Other Apparel Manufacturing
323113	Commercial Screen Printing
327991	Cut Stone and Stone Product Manufacturing
332312	Fabricated Structural Metal Manufacturing
332322	Sheet Metal Work Manufacturing
332323	Ornamental and Architectural Metal Work Manufacturing
332710	Machine Shops
333415	Air-Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment Manufacturing
333921	Elevator and Moving Stairway Manufacturing
333922	Conveyor and Conveying Equipment Manufacturing
334290	Other Communications Equipment Manufacturing
334412	Bare Printed Circuit Board Manufacturing
334413	Semiconductor and Related Device Manufacturing
334417	Electronic Connector Manufacturing
334419	Other Electronic Component Manufacturing
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables
334515	Instrument Manufacturing for Measuring and Testing Electricity and Electrical Signals
335999	All Other Miscellaneous Electrical Equipment and Component Manufacturing
336211	Motor Vehicle Body Manufacturing



336413	Other Aircraft Parts and Auxiliary Equipment Manufacturing
336510	Railroad Rolling Stock Manufacturing (not listed in 2018 Census data for Massachusetts)
339950	Sign Manufacturing
339999	All Other Miscellaneous Manufacturing
423120	Motor Vehicle Supplies and New Parts Merchant Wholesalers
423210	Furniture Merchant Wholesalers
423310	Lumber, Plywood, Millwork, and Wood Panel Merchant Wholesalers
423320	Brick, Stone, and Related Construction Material Merchant Wholesalers
423390	Other Construction Material Merchant Wholesalers
423410	Photographic Equipment and Supplies Merchant Wholesalers
423420	Office Equipment Merchant Wholesalers
423430	Computer and Computer Peripheral Equipment and Software Merchant Wholesalers
423440	Other Commercial Equipment Merchant Wholesalers
423490	Other Professional Equipment and Supplies Merchant Wholesalers
423510	Metal Service Centers and Other Metal Merchant Wholesalers
423610	Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers
423690	Other Electronic Parts and Equipment Merchant Wholesalers
423710	Hardware Merchant Wholesalers
423720	Plumbing and Heating Equipment and Supplies (Hydronics) Merchant Wholesalers
423840	Industrial Supplies Merchant Wholesalers
423850	Service Establishment Equipment and Supplies Merchant Wholesalers
423860	Transportation Equipment and Supplies (except Motor Vehicle) Merchant Wholesalers
423990	Other Miscellaneous Durable Goods Merchant Wholesalers
424690	Other Chemical and Allied Products Merchant Wholesalers
424720	Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
424990	Other Miscellaneous Nondurable Goods Merchant Wholesalers
425120	Wholesale Trade Agents and Brokers
441310	Automotive Parts and Accessories Stores
442110	Furniture Stores
444190	Other Building Material Dealers
444220	Nursery and Garden Centers
448190	Other Clothing Stores
454310	Fuel Dealers
484110	General Freight Trucking, Local
484230	Specialized Freight (except Used Goods) Trucking, Long-Distance
485111	Mixed Mode Transit Systems
485113	Bus and Other Motor Vehicle Transit Systems
485999	All Other Transit and Ground Passenger Transportation
488410	Motor Vehicle Towing
488490	Other Support Activities for Road Transportation
492210	Local Messengers and Local Delivery
512110	Motion Picture and Video Production
517919	All Other Telecommunications
518210	Data Processing, Hosting, and Related Services
519190	All Other Information Services
524xxx	All Other Insurance Related Activities

531210	Offices of Real Estate Agents and Brokers
531390	Other Activities Related to Real Estate
541110	Offices of Lawyers
541211	Offices of Certified Public Accountants
541213	Tax Preparation Services
541214	Payroll Services
541219	Other Accounting Services
541310	Architectural Services
541320	Landscape Architectural Services
541330	Engineering Services
541340	Drafting Services
541350	Building Inspection Services
541360	Geophysical Surveying and Mapping Services
541370	Surveying and Mapping (except Geophysical) Services
541380	Testing Laboratories
541410	Interior Design Services
541420	Industrial Design Services
541430	Graphic Design Services
541511	Custom Computer Programming Services
541512	Computer Systems Design Services
541513	Computer Facilities Management Services
541519	Other Computer Related Services
541611	Administrative Management and General Management Consulting Services
541612	Human Resources Consulting Services
541613	Marketing Consulting Services
541614	Process, Physical Distribution, and Logistics Consulting Services
541618	Other Management Consulting Services
541620	Environmental Consulting Services
541690	Other Scientific and Technical Consulting Services
541720	Research and Development in the Social Sciences and Humanities
541810	Advertising Agencies
541820	Public Relations Agencies
541830	Media Buying Agencies
541850	Outdoor Advertising
541870	Advertising Material Distribution Services
541890	Other Services Related to Advertising
541910	Marketing Research and Public Opinion Polling
541922	Commercial Photography
541930	Translation and Interpretation Services
541990	All Other Professional, Scientific, and Technical Services
561110	Office Administrative Services
561210	Facilities Support Services
561311	Employment Placement Agencies
561320	Temporary Help Services
561612	Security Guards and Patrol Services
561710	Exterminating and Pest Control Services
561720	Janitorial Services
561730	Landscaping Services

561990	All Other Support Services
562111	Solid Waste Collection
562119	Other Waste Collection
562211	Hazardous Waste Treatment and Disposal
562910	Remediation Services
562998	All Other Miscellaneous Waste Management Services
611430	Professional and Management Development Training
621511	Medical Laboratories
811111	General Automotive Repair
811121	Automotive Body, Paint, and Interior Repair and Maintenance
811198	All Other Automotive Repair and Maintenance
811212	Computer and Office Machine Repair and Maintenance

### Step Two: Adjustment

MART will adjust its overall DBE goal from 1% attainment thru capital projects to 2% thru capital and operating contracts. This will be accomplished thru DBE concentration above and by continuing to use our yearly renewable DBE contract for a legacy software maintenance agreement, as well as bus schedule competitive procurements thru DBE print shops using federal operating funds.

MART is not comfortable with a higher adjustment due to the following evidentiary information:

1. Past Participation – every year of the past three years MART **failed** to make our goal, which was set at 5%. Every year it was at 0 or just above 0. This was based purely on capital projects. The few DBE’s we were able to get were back in 2017. One was a direct contract and the others were DBE subcontracts to the A&E firm hired for the large Ayer Construction Project.
2. Disparity Studies – MART researched disparity studies done for the Commonwealth of Massachusetts and could only find one for our state. This study was done by NERA Economic Consulting for a joint effort by the Commonwealth’s Division of Capital Asset Management and the Massachusetts Housing Finance Agency in September 2010. *Race, Sex, and Business Enterprise: Evidence from the Commonwealth of Massachusetts: Volume II* shows evidence of racial disparity in the market area. The Massachusetts Department of Transportation has undertaken a diversity study that would be more applicable to an agency such as MART; but that study has not been completed at this time. Although not everything in the DCAM study is relevant to MART, the data on construction and design can be used, as well as the statistical disparities in the ability of DBE’s to get financing, bonding, and insurance to participate. The study encourages an upward adjustment to baseline estimates of DBE availability to account for the continuing effects of discrimination on minority and women-owned businesses. The disparity ratio cited in the study for Construction related businesses was 0.636<sup>1</sup> (NERA Economic Consulting, 2010).
3. Statistical Disparities – The study also showed evidence of statistical disparities in the Capital Market which covers areas of financing, bonding, and insurance. In the study national data is analyzed and compared to a survey conducted by NERA in the Massachusetts region, to examine whether discrimination exists in the small business credit market. The Executive Summary of that study was release to the public, whereas the complete report is marked “Proprietary and Confidential.” The following relevant bullet points are from the published Executive Summary:

<sup>1</sup> (NERA Economic Consulting, 2010) Table 5.21, page 118

- Minority-owned firms were particularly likely to report that they did not apply for a loan over the preceding three years because they feared the loan would be denied.
- When minority-owned firms did apply for a loan, their loan requests were substantially more likely to be denied than other groups, even after accounting for differences in factors like size and credit history.
- When minority-owned firms did receive a loan, they were charged higher interest rates on the loan than was true of comparable White-owned firms.
- Far more minority-owned firms report that credit market conditions are a serious concern than is the case for White-owned firms.
- A greater share of minority-owned firms believes that the availability of credit is the most important issue likely to confront the firm in the next 12 months.

“We conclude that there is statistically significant evidence of discrimination in Massachusetts in the small business credit market, particularly with respect to firms owned by Blacks. We find little or no significant evidence, however, that White females are discriminated against in this market.”<sup>2</sup>

## Race-Neutral & Race Conscious Participation

### Detailed Past Goal Attainment

MART failed to meet our goal thru capital projects in FY2018, FY2019 and the first half of 2020 thru Capital Projects. So to try and reach our goal in the second half of FY20, we pulled an operational expense into mix. MART has a yearly renewable contract with a DBE for software maintenance on our trip booking, automatic scheduling & dispatching, and automatic vehicle locator software for our paratransit system. The contract renews in July with the start of MART’s fiscal year.

1. In 2018 there was 0.89% DBE participation in contract completions and 1.03% in contract awards. \$25,465 were given as a Prime contract and \$3,891 in subcontracts.
2. In 2019 there was 6.5% DBE participation in contract completions, but that was due to a \$200,000 DBE contract that was awarded back in 2017. In FY2019 there were no contracts, neither prime nor sub, given to DBE’s.
3. The first half of FY2020 has seen no DBE contracts (neither awards nor completions). The second half, as mentioned above, had a \$120,000 awarded to a DBE. The figures have yet to be determined to see what percentage this will equate to. However given that our federal operating budget (5307 + CARES) for FY20 was \$3.8M, if I just plug these two #'s in, without any of the other potential contracts in the second half of FY20, then we achieve 2.86% DBE. This still falls short of our 5% goal, but is far better than 0. This estimate is reflected in the blue squares in *Attachment D below*.

MART’s past attainments were all made by Race-Neutral measures (no contract goals were set). MART has made continual efforts to reach out to DBE firms to encourage bid participation, and has even received bids from DBEs for prime contracts. However we have found that in the very few instances where we receive a bid, their prices are often too high to be competitive. MART is **not** going to move to a Race-Conscious goal for this period. MART feels that we must continue to try and achieve our goals thru Race-Neutral measures, especially since there are no large contracts that will have a General Contractor to sub-contractor relationship in the foreseeable future.

<sup>2</sup> (NERA Economic Consulting, 2010) Ch 1.D.3, pages 9 & 10

*SDO Directory as of 9/14/2020*  
(Coversheet for multi-page directory in spreadsheet style)

## 2018 County Business Patterns (NAICS)

Geographic Area Name	2017 NAICS code	Meaning of NAICS code	Year	# of firms	Totals per NAICS
Massachusetts	236210	Industrial building construction	2018	42	45
Hillsborough Cnty, NH	236210	Industrial building construction	2018	3	
Massachusetts	236220	Commercial and institutional building construction	2018	738	799
Cheshire Cnty, NH	236220	Commercial and institutional building construction	2018	11	
Hillsborough Cnty, NH	236220	Commercial and institutional building construction	2018	50	
Massachusetts	237110	Water and sewer line and related structures construction	2018	236	251
Cheshire Cnty, NH	237110	Water and sewer line and related structures construction	2018	4	
Hillsborough Cnty, NH	237110	Water and sewer line and related structures construction	2018	11	
Massachusetts	237120	Oil and gas pipeline and related structures construction	2018	14	17
Hillsborough Cnty, NH	237120	Oil and gas pipeline and related structures construction	2018	3	
Massachusetts	237130	Power and communication line and related structures construction	2018	96	106
Hillsborough Cnty, NH	237130	Power and communication line and related structures construction	2018	10	
Massachusetts	237310	Highway, street, and bridge construction	2018	220	238
Cheshire Cnty, NH	237310	Highway, street, and bridge construction	2018	5	
Hillsborough Cnty, NH	237310	Highway, street, and bridge construction	2018	13	
Massachusetts	238110	Poured concrete foundation and structure contractors	2018	298	340
Cheshire Cnty, NH	238110	Poured concrete foundation and structure contractors	2018	9	
Hillsborough Cnty, NH	238110	Poured concrete foundation and structure contractors	2018	33	
Massachusetts	238120	Structural steel and precast concrete contractors	2018	57	62
Hillsborough Cnty, NH	238120	Structural steel and precast concrete contractors	2018	5	
Massachusetts	238130	Framing contractors	2018	300	330
Cheshire Cnty, NH	238130	Framing contractors	2018	9	
Hillsborough Cnty, NH	238130	Framing contractors	2018	21	
Massachusetts	238140	Masonry contractors	2018	570	604
Cheshire Cnty, NH	238140	Masonry contractors	2018	9	
Hillsborough Cnty, NH	238140	Masonry contractors	2018	25	
Massachusetts	238150	Glass and glazing contractors	2018	110	124
Cheshire Cnty, NH	238150	Glass and glazing contractors	2018	3	
Hillsborough Cnty, NH	238150	Glass and glazing contractors	2018	11	
Massachusetts	238160	Roofing contractors	2018	392	418
Cheshire Cnty, NH	238160	Roofing contractors	2018	6	
Hillsborough Cnty, NH	238160	Roofing contractors	2018	20	
Massachusetts	238170	Siding contractors	2018	192	211
Cheshire Cnty, NH	238170	Siding contractors	2018	4	
Hillsborough Cnty, NH	238170	Siding contractors	2018	15	
Massachusetts	238190	Other foundation, structure, and building exterior contractors	2018	101	111
Hillsborough Cnty, NH	238190	Other foundation, structure, and building exterior contractors	2018	10	
Massachusetts	238210	Electrical contractors and other wiring installation contractors	2018	2419	2587
Cheshire Cnty, NH	238210	Electrical contractors and other wiring installation contractors	2018	23	
Hillsborough Cnty, NH	238210	Electrical contractors and other wiring installation contractors	2018	145	
Massachusetts	238220	Plumbing, heating, and air-conditioning contractors	2018	3179	3386
Cheshire Cnty, NH	238220	Plumbing, heating, and air-conditioning contractors	2018	27	
Hillsborough Cnty, NH	238220	Plumbing, heating, and air-conditioning contractors	2018	180	
Massachusetts	238290	Other building equipment contractors	2018	160	174
Cheshire Cnty, NH	238290	Other building equipment contractors	2018	3	
Hillsborough Cnty, NH	238290	Other building equipment contractors	2018	11	
Massachusetts	238310	Drywall and insulation contractors	2018	527	630
Cheshire Cnty, NH	238310	Drywall and insulation contractors	2018	11	
Hillsborough Cnty, NH	238310	Drywall and insulation contractors	2018	92	
Massachusetts	238320	Painting and wall covering contractors	2018	1088	
Cheshire Cnty, NH	238320	Painting and wall covering contractors	2018	15	

Hillsborough Cnty, NH	238320	Painting and wall covering contractors	2018	54	<b>1157</b>
Massachusetts	238330	Flooring contractors	2018	382	
Cheshire Cnty, NH	238330	Flooring contractors	2018	6	
Hillsborough Cnty, NH	238330	Flooring contractors	2018	25	<b>413</b>
Massachusetts	238340	Tile and terrazzo contractors	2018	172	
Cheshire Cnty, NH	238340	Tile and terrazzo contractors	2018	3	
Hillsborough Cnty, NH	238340	Tile and terrazzo contractors	2018	6	<b>181</b>
Massachusetts	238350	Finish carpentry contractors	2018	802	
Cheshire Cnty, NH	238350	Finish carpentry contractors	2018	6	
Hillsborough Cnty, NH	238350	Finish carpentry contractors	2018	43	<b>851</b>
Massachusetts	238390	Other building finishing contractors	2018	138	
Hillsborough Cnty, NH	238390	Other building finishing contractors	2018	16	<b>154</b>
Massachusetts	238910	Site preparation contractors	2018	1162	
Cheshire Cnty, NH	238910	Site preparation contractors	2018	20	
Hillsborough Cnty, NH	238910	Site preparation contractors	2018	78	<b>1260</b>
Massachusetts	238990	All other specialty trade contractors	2018	801	
Cheshire Cnty, NH	238990	All other specialty trade contractors	2018	7	
Hillsborough Cnty, NH	238990	All other specialty trade contractors	2018	57	<b>865</b>
Massachusetts	323111	Commercial printing (except screen and books)	2018	400	
Cheshire Cnty, NH	323111	Commercial printing (except screen and books)	2018	3	
Hillsborough Cnty, NH	323111	Commercial printing (except screen and books)	2018	25	<b>428</b>
Massachusetts	327991	Cut stone and stone product manufacturing	2018	52	
Hillsborough Cnty, NH	327991	Cut stone and stone product manufacturing	2018	6	<b>58</b>
Massachusetts	332311	Prefabricated metal building and component manufacturing	2018	5	<b>5</b>
Massachusetts	332312	Fabricated structural metal manufacturing	2018	35	<b>35</b>
Massachusetts	332321	Metal window and door manufacturing	2018	12	<b>12</b>
Massachusetts	332322	Sheet metal work manufacturing	2018	101	
Hillsborough Cnty, NH	332322	Sheet metal work manufacturing	2018	19	<b>120</b>
Massachusetts	332323	Ornamental and architectural metal work manufacturing	2018	53	
Hillsborough Cnty, NH	332323	Ornamental and architectural metal work manufacturing	2018	4	<b>57</b>
Massachusetts	332710	Machine shops	2018	443	
Cheshire Cnty, NH	332710	Machine shops	2018	11	
Hillsborough Cnty, NH	332710	Machine shops	2018	41	<b>495</b>
Massachusetts	333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2018	11	<b>11</b>
Massachusetts	333921	Elevator and moving stairway manufacturing	2018	4	<b>4</b>
Massachusetts	334290	Other communications equipment manufacturing	2018	13	<b>13</b>
Massachusetts	334413	Semiconductor and related device manufacturing	2018	44	
Hillsborough Cnty, NH	334413	Semiconductor and related device manufacturing	2018	8	<b>52</b>
Massachusetts	334417	Electronic connector manufacturing	2018	8	
Hillsborough Cnty, NH	334417	Electronic connector manufacturing	2018	4	<b>12</b>
Massachusetts	334419	Other electronic component manufacturing	2018	60	
Hillsborough Cnty, NH	334419	Other electronic component manufacturing	2018	12	<b>72</b>
Massachusetts	334515	Instrument manufacturing for measuring and testing electricity and electrical systems	2018	41	
Hillsborough Cnty, NH	334515	Instrument manufacturing for measuring and testing electricity and electrical systems	2018	4	<b>45</b>
Massachusetts	335999	All other miscellaneous electrical equipment and component manufacturing	2018	34	
Hillsborough Cnty, NH	335999	All other miscellaneous electrical equipment and component manufacturing	2018	5	<b>39</b>
Massachusetts	336211	Motor vehicle body manufacturing	2018	7	<b>7</b>
Massachusetts	339950	Sign manufacturing	2018	114	
Hillsborough Cnty, NH	339950	Sign manufacturing	2018	11	<b>125</b>
Massachusetts	423110	Automobile and other motor vehicle merchant wholesalers	2018	93	
Hillsborough Cnty, NH	423110	Automobile and other motor vehicle merchant wholesalers	2018	9	<b>102</b>
Massachusetts	423120	Motor vehicle supplies and new parts merchant wholesalers	2018	241	
Cheshire Cnty, NH	423120	Motor vehicle supplies and new parts merchant wholesalers	2018	6	
Hillsborough Cnty, NH	423120	Motor vehicle supplies and new parts merchant wholesalers	2018	18	<b>265</b>
Massachusetts	423130	Tire and tube merchant wholesalers	2018	39	
Hillsborough Cnty, NH	423130	Tire and tube merchant wholesalers	2018	3	<b>42</b>
Massachusetts	423210	Furniture merchant wholesalers	2018	111	
Hillsborough Cnty, NH	423210	Furniture merchant wholesalers	2018	12	<b>123</b>

Massachusetts	423310	Lumber, plywood, millwork, and wood panel merchant wholesalers	2018	123	
Cheshire Cnty, NH	423310	Lumber, plywood, millwork, and wood panel merchant wholesalers	2018	4	
Hillsborough Cnty, NH	423310	Lumber, plywood, millwork, and wood panel merchant wholesalers	2018	15	<b>142</b>
Massachusetts	423320	Brick, stone, and related construction material merchant wholesalers	2018	66	
Hillsborough Cnty, NH	423320	Brick, stone, and related construction material merchant wholesalers	2018	5	<b>71</b>
Massachusetts	423330	Roofing, siding, and insulation material merchant wholesalers	2018	60	
Hillsborough Cnty, NH	423330	Roofing, siding, and insulation material merchant wholesalers	2018	6	<b>66</b>
Massachusetts	423390	Other construction material merchant wholesalers	2018	67	
Hillsborough Cnty, NH	423390	Other construction material merchant wholesalers	2018	4	<b>71</b>
Massachusetts	423410	Photographic equipment and supplies merchant wholesalers	2018	16	<b>16</b>
Massachusetts	423420	Office equipment merchant wholesalers	2018	217	
Cheshire Cnty, NH	423420	Office equipment merchant wholesalers	2018	4	
Hillsborough Cnty, NH	423420	Office equipment merchant wholesalers	2018	18	<b>239</b>
Massachusetts	423430	Computer and computer peripheral equipment and software merchant wholesalers	2018	234	
Hillsborough Cnty, NH	423430	Computer and computer peripheral equipment and software merchant wholesalers	2018	22	<b>256</b>
Massachusetts	423440	Other commercial equipment merchant wholesalers	2018	70	
Hillsborough Cnty, NH	423440	Other commercial equipment merchant wholesalers	2018	5	<b>75</b>
Massachusetts	423490	Other professional equipment and supplies merchant wholesalers	2018	113	
Hillsborough Cnty, NH	423490	Other professional equipment and supplies merchant wholesalers	2018	11	<b>124</b>
Massachusetts	423510	Metal service centers and other metal merchant wholesalers	2018	131	
Hillsborough Cnty, NH	423510	Metal service centers and other metal merchant wholesalers	2018	13	<b>144</b>
Massachusetts	423610	Electrical apparatus and equipment, wiring supplies, and related equipment merchant wholesalers	2018	321	
Cheshire Cnty, NH	423610	Electrical apparatus and equipment, wiring supplies, and related equipment merchant wholesalers	2018	5	
Hillsborough Cnty, NH	423610	Electrical apparatus and equipment, wiring supplies, and related equipment merchant wholesalers	2018	33	<b>359</b>
Massachusetts	423690	Other electronic parts and equipment merchant wholesalers	2018	294	
Hillsborough Cnty, NH	423690	Other electronic parts and equipment merchant wholesalers	2018	38	<b>332</b>
Massachusetts	423710	Hardware merchant wholesalers	2018	97	
Hillsborough Cnty, NH	423710	Hardware merchant wholesalers	2018	15	<b>112</b>
Massachusetts	423720	Plumbing and heating equipment and supplies (hydronics) merchant wholesalers	2018	165	
Hillsborough Cnty, NH	423720	Plumbing and heating equipment and supplies (hydronics) merchant wholesalers	2018	13	<b>178</b>
Massachusetts	423830	Industrial machinery and equipment merchant wholesalers	2018	493	
Hillsborough Cnty, NH	423830	Industrial machinery and equipment merchant wholesalers	2018	42	<b>535</b>
Massachusetts	423840	Industrial supplies merchant wholesalers	2018	134	
Hillsborough Cnty, NH	423840	Industrial supplies merchant wholesalers	2018	17	<b>151</b>
Massachusetts	423850	Service establishment equipment and supplies merchant wholesalers	2018	87	
Hillsborough Cnty, NH	423850	Service establishment equipment and supplies merchant wholesalers	2018	13	<b>100</b>
Massachusetts	423860	Transportation equipment and supplies (except motor vehicle) merchant wholesalers	2018	15	<b>15</b>
Massachusetts	423990	Other miscellaneous durable goods merchant wholesalers	2018	153	
Hillsborough Cnty, NH	423990	Other miscellaneous durable goods merchant wholesalers	2018	9	<b>162</b>
Massachusetts	424690	Other chemical and allied products merchant wholesalers	2018	139	
Hillsborough Cnty, NH	424690	Other chemical and allied products merchant wholesalers	2018	16	<b>155</b>
Massachusetts	424990	Other miscellaneous nondurable goods merchant wholesalers	2018	160	
Hillsborough Cnty, NH	424990	Other miscellaneous nondurable goods merchant wholesalers	2018	18	<b>178</b>
Massachusetts	425110	Business to business electronic markets	2018	11	<b>11</b>
Massachusetts	425120	Wholesale trade agents and brokers	2018	863	
Cheshire Cnty, NH	425120	Wholesale trade agents and brokers	2018	5	
Hillsborough Cnty, NH	425120	Wholesale trade agents and brokers	2018	62	<b>930</b>
Massachusetts	441110	New car dealers	2018	480	
Cheshire Cnty, NH	441110	New car dealers	2018	11	
Hillsborough Cnty, NH	441110	New car dealers	2018	43	<b>534</b>
Massachusetts	441310	Automotive parts and accessories stores	2018	601	
Cheshire Cnty, NH	441310	Automotive parts and accessories stores	2018	13	
Hillsborough Cnty, NH	441310	Automotive parts and accessories stores	2018	51	<b>665</b>
Massachusetts	442110	Furniture stores	2018	414	
Cheshire Cnty, NH	442110	Furniture stores	2018	8	



Hillsborough Cnty, NH	442110	Furniture stores	2018	27	<b>449</b>
Massachusetts	444190	Other building material dealers	2018	727	
Cheshire Cnty, NH	444190	Other building material dealers	2018	19	
Hillsborough Cnty, NH	444190	Other building material dealers	2018	63	<b>809</b>
Massachusetts	444210	Outdoor power equipment stores	2018	69	
Hillsborough Cnty, NH	444210	Outdoor power equipment stores	2018	8	<b>77</b>
Massachusetts	444220	Nursery, garden center, and farm supply stores	2018	246	
Cheshire Cnty, NH	444220	Nursery, garden center, and farm supply stores	2018	6	
Hillsborough Cnty, NH	444220	Nursery, garden center, and farm supply stores	2018	15	<b>267</b>
Massachusetts	448190	Other clothing stores	2018	252	
Hillsborough Cnty, NH	448190	Other clothing stores	2018	21	<b>273</b>
Massachusetts	454310	Fuel dealers	2018	455	
Cheshire Cnty, NH	454310	Fuel dealers	2018	17	
Hillsborough Cnty, NH	454310	Fuel dealers	2018	21	<b>493</b>
Massachusetts	484110	General freight trucking, local	2018	507	
Cheshire Cnty, NH	484110	General freight trucking, local	2018	6	
Hillsborough Cnty, NH	484110	General freight trucking, local	2018	31	<b>544</b>
Massachusetts	484220	Specialized freight (except used goods) trucking, local	2018	442	
Cheshire Cnty, NH	484220	Specialized freight (except used goods) trucking, local	2018	14	
Hillsborough Cnty, NH	484220	Specialized freight (except used goods) trucking, local	2018	20	<b>476</b>
Massachusetts	485113	Bus and other motor vehicle transit systems	2018	18	<b>18</b>
Massachusetts	485999	All other transit and ground passenger transportation	2018	70	
Hillsborough Cnty, NH	485999	All other transit and ground passenger transportation	2018	4	<b>74</b>
Massachusetts	488410	Motor vehicle towing	2018	218	
Hillsborough Cnty, NH	488410	Motor vehicle towing	2018	18	<b>236</b>
Massachusetts	488999	All other support activities for transportation	2018	8	<b>8</b>
Massachusetts	492110	Couriers and express delivery services	2018	210	
Cheshire Cnty, NH	492110	Couriers and express delivery services	2018	3	
Hillsborough Cnty, NH	492110	Couriers and express delivery services	2018	24	<b>237</b>
Massachusetts	492210	Local messengers and local delivery	2018	62	
Hillsborough Cnty, NH	492210	Local messengers and local delivery	2018	6	<b>68</b>
Massachusetts	512110	Motion picture and video production	2018	234	
Cheshire Cnty, NH	512110	Motion picture and video production	2018	8	
Hillsborough Cnty, NH	512110	Motion picture and video production	2018	6	<b>248</b>
Massachusetts	517919	All other telecommunications	2018	44	
Hillsborough Cnty, NH	517919	All other telecommunications	2018	3	<b>47</b>
Massachusetts	518210	Data processing, hosting, and related services	2018	510	
Hillsborough Cnty, NH	518210	Data processing, hosting, and related services	2018	46	<b>556</b>
Massachusetts	519190	All other information services	2018	17	<b>17</b>
Massachusetts	524113	Direct life insurance carriers	2018	192	
Hillsborough Cnty, NH	524113	Direct life insurance carriers	2018	16	<b>208</b>
Massachusetts	524210	Insurance agencies and brokerages	2018	2309	
Cheshire Cnty, NH	524210	Insurance agencies and brokerages	2018	24	
Hillsborough Cnty, NH	524210	Insurance agencies and brokerages	2018	155	<b>2488</b>
Massachusetts	524291	Claims adjusting	2018	112	
Hillsborough Cnty, NH	524291	Claims adjusting	2018	8	<b>120</b>
Massachusetts	524298	All other insurance related activities	2018	51	
Hillsborough Cnty, NH	524298	All other insurance related activities	2018	4	<b>55</b>
Massachusetts	531210	Offices of real estate agents and brokers	2018	2127	
Cheshire Cnty, NH	531210	Offices of real estate agents and brokers	2018	12	
Hillsborough Cnty, NH	531210	Offices of real estate agents and brokers	2018	103	<b>2242</b>
Massachusetts	531320	Offices of real estate appraisers	2018	177	
Cheshire Cnty, NH	531320	Offices of real estate appraisers	2018	3	
Hillsborough Cnty, NH	531320	Offices of real estate appraisers	2018	14	<b>194</b>
Massachusetts	541110	Offices of lawyers	2018	4383	
Cheshire Cnty, NH	541110	Offices of lawyers	2018	26	
Hillsborough Cnty, NH	541110	Offices of lawyers	2018	222	<b>4631</b>
Massachusetts	541211	Offices of certified public accountants	2018	1209	
Cheshire Cnty, NH	541211	Offices of certified public accountants	2018	16	
Hillsborough Cnty, NH	541211	Offices of certified public accountants	2018	62	<b>1287</b>

Massachusetts	541213	Tax preparation services	2018	630	
Cheshire Cnty, NH	541213	Tax preparation services	2018	6	
Hillsborough Cnty, NH	541213	Tax preparation services	2018	38	<b>674</b>
Massachusetts	541214	Payroll services	2018	130	
Hillsborough Cnty, NH	541214	Payroll services	2018	13	<b>143</b>
Massachusetts	541219	Other accounting services	2018	719	
Cheshire Cnty, NH	541219	Other accounting services	2018	5	
Hillsborough Cnty, NH	541219	Other accounting services	2018	51	<b>775</b>
Massachusetts	541310	Architectural services	2018	735	
Cheshire Cnty, NH	541310	Architectural services	2018	5	
Hillsborough Cnty, NH	541310	Architectural services	2018	20	<b>760</b>
Massachusetts	541320	Landscape architectural services	2018	151	
Hillsborough Cnty, NH	541320	Landscape architectural services	2018	6	<b>157</b>
Massachusetts	541330	Engineering services	2018	1524	
Cheshire Cnty, NH	541330	Engineering services	2018	11	
Hillsborough Cnty, NH	541330	Engineering services	2018	130	<b>1665</b>
Massachusetts	541340	Drafting services	2018	19	
Hillsborough Cnty, NH	541340	Drafting services	2018	12	<b>31</b>
Massachusetts	541350	Building inspection services	2018	115	
Hillsborough Cnty, NH	541350	Building inspection services	2018	8	<b>123</b>
Massachusetts	541360	Geophysical surveying and mapping services	2018	4	<b>4</b>
Massachusetts	541370	Surveying and mapping (except geophysical) services	2018	148	
Cheshire Cnty, NH	541370	Surveying and mapping (except geophysical) services	2018	4	
Hillsborough Cnty, NH	541370	Surveying and mapping (except geophysical) services	2018	11	<b>163</b>
Massachusetts	541380	Testing laboratories	2018	147	
Hillsborough Cnty, NH	541380	Testing laboratories	2018	16	<b>163</b>
Massachusetts	541410	Interior design services	2018	306	
Hillsborough Cnty, NH	541410	Interior design services	2018	9	<b>315</b>
Massachusetts	541420	Industrial design services	2018	31	<b>31</b>
Massachusetts	541430	Graphic design services	2018	312	
Hillsborough Cnty, NH	541430	Graphic design services	2018	16	<b>328</b>
Massachusetts	541511	Custom computer programming services	2018	1942	
Cheshire Cnty, NH	541511	Custom computer programming services	2018	17	
Hillsborough Cnty, NH	541511	Custom computer programming services	2018	155	<b>2114</b>
Massachusetts	541512	Computer systems design services	2018	1158	
Cheshire Cnty, NH	541512	Computer systems design services	2018	4	
Hillsborough Cnty, NH	541512	Computer systems design services	2018	105	<b>1267</b>
Massachusetts	541513	Computer facilities management services	2018	142	
Hillsborough Cnty, NH	541513	Computer facilities management services	2018	11	<b>153</b>
Massachusetts	541519	Other computer related services	2018	379	
Hillsborough Cnty, NH	541519	Other computer related services	2018	13	<b>392</b>
Massachusetts	541611	Administrative management and general management consulting services	2018	1677	
Cheshire Cnty, NH	541611	Administrative management and general management consulting services	2018	17	
Hillsborough Cnty, NH	541611	Administrative management and general management consulting services	2018	73	<b>1767</b>
Massachusetts	541612	Human resources consulting services	2018	340	
Hillsborough Cnty, NH	541612	Human resources consulting services	2018	7	<b>347</b>
Massachusetts	541613	Marketing consulting services	2018	804	
Cheshire Cnty, NH	541613	Marketing consulting services	2018	6	
Hillsborough Cnty, NH	541613	Marketing consulting services	2018	40	<b>850</b>
Massachusetts	541614	Process, physical distribution, and logistics consulting services	2018	182	
Hillsborough Cnty, NH	541614	Process, physical distribution, and logistics consulting services	2018	14	<b>196</b>
Massachusetts	541618	Other management consulting services	2018	58	
Hillsborough Cnty, NH	541618	Other management consulting services	2018	5	<b>63</b>
Massachusetts	541620	Environmental consulting services	2018	283	
Cheshire Cnty, NH	541620	Environmental consulting services	2018	5	
Hillsborough Cnty, NH	541620	Environmental consulting services	2018	4	<b>292</b>
Massachusetts	541690	Other scientific and technical consulting services	2018	523	
Cheshire Cnty, NH	541690	Other scientific and technical consulting services	2018	3	
Hillsborough Cnty, NH	541690	Other scientific and technical consulting services	2018	26	<b>552</b>
Massachusetts	541810	Advertising agencies	2018	245	

Hillsborough Cnty, NH	541810	Advertising agencies	2018	17	<b>262</b>
Massachusetts	541820	Public relations agencies	2018	215	
Hillsborough Cnty, NH	541820	Public relations agencies	2018	6	<b>221</b>
Massachusetts	541830	Media buying agencies	2018	18	<b>18</b>
Massachusetts	541870	Advertising material distribution services	2018	11	<b>11</b>
Massachusetts	541890	Other services related to advertising	2018	169	
Hillsborough Cnty, NH	541890	Other services related to advertising	2018	8	<b>177</b>
Massachusetts	541910	Marketing research and public opinion polling	2018	179	
Hillsborough Cnty, NH	541910	Marketing research and public opinion polling	2018	5	<b>264</b>
Massachusetts	541922	Commercial photography	2018	95	
Hillsborough Cnty, NH	541922	Commercial photography	2018	3	<b>98</b>
Massachusetts	541930	Translation and interpretation services	2018	52	<b>52</b>
Massachusetts	541990	All other professional, scientific, and technical services	2018	537	
Hillsborough Cnty, NH	541990	All other professional, scientific, and technical services	2018	17	<b>554</b>
Massachusetts	561110	Office administrative services	2018	669	
Cheshire Cnty, NH	561110	Office administrative services	2018	3	
Hillsborough Cnty, NH	561110	Office administrative services	2018	47	<b>719</b>
Massachusetts	561210	Facilities support services	2018	137	
Hillsborough Cnty, NH	561210	Facilities support services	2018	9	<b>146</b>
Massachusetts	561311	Employment placement agencies	2018	178	
Hillsborough Cnty, NH	561311	Employment placement agencies	2018	7	<b>211</b>
Massachusetts	561320	Temporary help services	2018	985	
Cheshire Cnty, NH	561320	Temporary help services	2018	5	
Hillsborough Cnty, NH	561320	Temporary help services	2018	71	<b>1061</b>
Massachusetts	561612	Security guards and patrol services	2018	149	
Hillsborough Cnty, NH	561612	Security guards and patrol services	2018	9	<b>158</b>
Massachusetts	561613	Armored car services	2018	17	<b>17</b>
Massachusetts	561621	Security systems services (except locksmiths)	2018	136	
Hillsborough Cnty, NH	561621	Security systems services (except locksmiths)	2018	16	<b>152</b>
Massachusetts	561720	Janitorial services	2018	1538	
Cheshire Cnty, NH	561720	Janitorial services	2018	18	
Hillsborough Cnty, NH	561720	Janitorial services	2018	120	<b>1676</b>
Massachusetts	561730	Landscaping services	2018	4092	
Cheshire Cnty, NH	561730	Landscaping services	2018	50	
Hillsborough Cnty, NH	561730	Landscaping services	2018	238	<b>4380</b>
Massachusetts	561990	All other support services	2018	240	
Cheshire Cnty, NH	561990	All other support services	2018	3	
Hillsborough Cnty, NH	561990	All other support services	2018	13	<b>256</b>
Massachusetts	562111	Solid waste collection	2018	284	
Cheshire Cnty, NH	562111	Solid waste collection	2018	3	
Hillsborough Cnty, NH	562111	Solid waste collection	2018	17	<b>304</b>
Massachusetts	562119	Other waste collection	2018	16	<b>16</b>
Massachusetts	562910	Remediation services	2018	161	
Hillsborough Cnty, NH	562910	Remediation services	2018	6	<b>167</b>
Massachusetts	611430	Professional and management development training	2018	231	
Hillsborough Cnty, NH	611430	Professional and management development training	2018	16	<b>247</b>
Massachusetts	621511	Medical laboratories	2018	367	
Hillsborough Cnty, NH	621511	Medical laboratories	2018	14	<b>47</b>
Massachusetts	811111	General automotive repair	2018	1954	
Cheshire Cnty, NH	811111	General automotive repair	2018	37	
Hillsborough Cnty, NH	811111	General automotive repair	2018	173	<b>2164</b>
Massachusetts	811121	Automotive body, paint, and interior repair and maintenance	2018	1054	
Cheshire Cnty, NH	811121	Automotive body, paint, and interior repair and maintenance	2018	12	
Hillsborough Cnty, NH	811121	Automotive body, paint, and interior repair and maintenance	2018	59	<b>1125</b>
Massachusetts	811212	Computer and office machine repair and maintenance	2018	101	
Hillsborough Cnty, NH	811212	Computer and office machine repair and maintenance	2018	16	<b>117</b>

	NAICS Code(s)	Project Name	Amount of DOT funds on project:	% of total DOT \$
1)	541512	New Automatic Passenger Counters (45)*	\$160,000	0.0308
2)	238190	Rehab Fitchburg Intermodal Center - Exterior	\$40,000	0.0077
3)	238110	Rehab Fitchburg Admin/Maintenance Facility - Stairs	\$8,000	0.0015
4)	238150, 238320	Rehab/Reno Historic Mass Transp. Bldg. - Windows	\$37,120	0.0071
5)	441110	Acquire - Support Vehicles	\$32,000	0.0062
6)	238910, 238990, 541330	Rehab Fitchburg Admin/Maintenance Facility - Pavement	\$200,000	0.0384
7)	423120	Replacement Engines on 35' Buses (2)	\$40,000	0.0077
8)	238110	Rehab Gardner Maintenance Facility - Floor	\$120,000	0.0231
9)	423430	Replace/Upgrade IT Related Support Equipment	\$200,000	0.0384
10)	541512	Purchase Vehicle Locator System*	\$275,000	0.0529
11)	339999	Acquire - Mobile Fare Collection Equip*	\$1,500,000	0.2883
12)	423830	Parallelogram, New Lube Pumps, Reels, & Meters	\$120,000	0.0231
13)	238220, 238290, 238320, 238990	Rehab of Fitchburg Admin/Maintenance Facility - Storage Bays	\$160,000	0.0308
14)	238210	Rehab Fitchburg Admin/Maintenance Facility - Fire Safety	\$28,000	0.0054
15)	238190	Rehab Gardner Maintenance Facility - Catch Basin	\$16,000	0.0031
16)	238160	Rehab Leominster Admin/Storage Facility - Roof	\$400,000	0.0769
17)	332311	Purchase Bus Shelters	\$16,000	0.0031
18)	423430	Replace/Upgrade IT Related Support Equipment	\$68,000	0.0131
19)	238150, 238310, 562910	Rehab Leominster Admin/Storage Facility - Office Rehab	\$200,000	0.0384
20)	238210, 561621	Rehab Historic Transit Bldg - add security and fire alarm systems	\$24,000	0.0046
21)	238160	Rehab Fitchburg Intermodal Center - Roof	\$360,000	0.0692
22)	238210	Rehab 150 Main St Administrative Facility - Generator	\$40,000	0.0077
23)	238110	Rehab Fitchburg & Leominster Parking Garages - reseal concrete	\$200,000	0.0384
24)	423430	Replace/Upgrade IT Related Support Equipment	\$100,000	0.0192
25)	238910, 238990, 541330	Rehab Admin/Maintenance Facility - Carey St. Parking Expansion	\$520,000	0.0999
26)	238390	Rehab Fitchburg Parking Garage - Stair Tower	\$40,000	0.0077
27)	423120	Purchase Vehicle Transmissions (multiple years)	\$158,000	0.0304
28)	238990	Rehab Water St. Maintenance Bays	\$80,000	0.0154
29)	423830	Purchase Spare Sewer Pumps	\$9,000	0.0017
30)	238320	Rehab Gardner Maintenance Facility - Wash Bay	\$30,000	0.0058
31)	238140	Rehab Fitchburg Admin/Maintenance Facility – Public Entrance	\$22,000	0.0042
<b>Total FTA-Assisted Contract Funds</b>			<b>\$5,203,120.00</b>	<b>1</b>

	NAICS Code	Project Name	# DBEs available to perform work	# all firms available (including DBEs)	Relative Availability
1)	541512	New Automatic Passenger Counters (45)*	0	22	0.0000
2)	238190	Rehab Fitchburg Intermodal Center - Exterior	3	111	0.0270
3)	238110	Rehab Fitchburg Admin/Maintenance Facility - Stairs	9	340	0.0265
4)	238150, 238320	Rehab/Reno Historic Mass Transp. Bldg. - Windows	13	1281	0.0101
5)	441110	Acquire - Support Vehicles	0	534	0.0000

6)	238910, 238990, 541330	Rehab Fitchburg Admin/Maintenance Facility - Pavement	133	3790	0.0351
7)	423120	Replacement Engines on 35' Buses (2)	2	265	0.0075
8)	238110	Rehab Gardner Maintenance Facility - Floor	3	340	0.0088
9)	423430	Replace/Upgrade IT Related Support Equipment	5	256	0.0195
10)	541512	Purchase Vehicle Locator System*	0	18	0.0000
11)	339999	Acquire - Mobile Fare Collection Equip*	0	21	0.0000
12)	423830	Parallelogram, New Lube Pumps, Reels, & Meters	0	535	0.0000
13)	238220, 238290, 238320, 238990	Rehab of Fitchburg Admin/Maintenance Facility - Storage Bays	41	5582	0.0073
14)	238210	Rehab Fitchburg Admin/Maintenance Facility - Fire Safety	31	2587	0.0120
15)	238190	Rehab Gardner Maintenance Facility - Catch Basin	3	111	0.0270
16)	238160	Rehab Leominster Admin/Storage Facility - Roof	1	418	0.0024
17)	332311	Purchase Bus Shelters	0	12	0.0000
18)	423430	Replace/Upgrade IT Related Support Equipment	5	256	0.0195
19)	238150, 238310, 562910	Rehab Leominster Admin/Storage Facility - Office Rehab	18	921	0.0195
20)	238210, 561621	Rehab Historic Transit Bldg - add security and fire alarm systems	31	2739	0.0113
21)	238160	Rehab Fitchburg Intermodal Center - Roof	1	418	0.0024
22)	238210	Rehab 150 Main St Administrative Facility - Generator	3	2587	0.0012
23)	238110	Rehab Fitchburg & Leominster Parking Garages - reseal concrete	9	340	0.0265
24)	423430	Replace/Upgrade IT Related Support Equipment	5	256	0.0195
25)	238910, 238990, 541330	Rehab Admin/Maintenance Facility - Carey St. Parking Expansion	133	3790	0.0351
26)	238390	Rehab Fitchburg Parking Garage - Stair Tower	3	154	0.0195
27)	423120	Purchase Vehicle Transmissions (multiple years)	2	265	0.0075
28)	238990	Rehab Water St. Maintenance Bays	24	865	0.0277
29)	423830	Purchase Spare Sewer Pumps	0	535	0.0000
30)	238320	Rehab Gardner Maintenance Facility - Wash Bay	10	1157	0.0086
31)	238140	Rehab Fitchburg Admin/Maintenance Facility - Public Entrance	12	604	0.0199
<b>Combined Totals</b>			<b>500</b>	<b>31110</b>	<b>0.0161</b>

	NAICS Code	Project	Weight	x	Availability	Weighted Base Figure
1)	541512	New Automatic Passenger Counters (45)*	0.03075	x		
2)	238190	Rehab Fitchburg Intermodal Center - Exterior	0.00769	x	0.02703	0.0002
3)	238110	Rehab Fitchburg Admin/Maintenance Facility - Stairs	0.00154	x	0.02647	0.0000
4)	238150, 238320	Rehab/Reno Historic Mass Transp. Bldg. - Windows	0.00713	x	0.01015	0.0001
5)	441110	Acquire - Support Vehicles	0.00615	x		
6)	238910, 238990, 541330	Rehab Fitchburg Admin/Maintenance Facility - Pavement	0.03844	x	0.03509	0.0013
7)	423120	Replacement Engines on 35' Buses (2)	0.00769	x	0.00755	0.0001
8)	238110	Rehab Gardner Maintenance Facility - Floor	0.02306	x	0.00882	0.0002
9)	423430	Replace/Upgrade IT Related Support Equipment	0.03844	x	0.01953	0.0008
10)	541512	Purchase Vehicle Locator System*	0.05285	x		
11)	339999	Acquire - Mobile Fare Collection Equip*	0.28829	x		
12)	423830	Parallelogram, New Lube Pumps, Reels, & Meters	0.02306	x		
13)	238220, 238290, 238320, 238990	Rehab of Fitchburg Admin/Maintenance Facility - Storage Bays	0.03075	x	0.00735	0.0002
14)	238210	Rehab Fitchburg Admin/Maintenance Facility - Fire Safety	0.00538	x	0.01198	0.0001

15)	238190	Rehab Gardner Maintenance Facility - Catch Basin	0.00308	x	0.02703	0.0001
16)	238160	Rehab Leominster Admin/Storage Facility - Roof	0.07688	x	0.00239	0.0002
17)	332311	Purchase Bus Shelters	0.00308	x		
18)	423430	Replace/Upgrade IT Related Support Equipment	0.01307	x	0.01953	0.0003
19)	238150, 238310, 562910	Rehab Leominster Admin/Storage Facility - Office Rehab	0.03844	x	0.01954	0.0008
20)	238210, 561621	Rehab Historic Transit Bldg - add security and fire alarm systems	0.00461	x	0.01132	0.0001
21)	238160	Rehab Fitchburg Intermodal Center - Roof	0.06919	x	0.00239	0.0002
22)	238210	Rehab 150 Main St Administrative Facility - Generator	0.00769	x	0.00116	0.0000
23)	238110	Rehab Fitchburg & Leominster Parking Garages - reseal concrete	0.03844	x	0.02647	0.0010
24)	423430	Replace/Upgrade IT Related Support Equipment	0.01922	x	0.01953	0.00038
25)	238910, 238990, 541330	Rehab Admin/Maintenance Facility - Carey St. Parking Expansion	0.09994	x	0.03509	0.0035
26)	238390	Rehab Fitchburg Parking Garage - Stair Tower	0.00769	x	0.01948	0.0001
27)	423120	Purchase Vehicle Transmissions (multiple years)	0.03037	x	0.00755	0.0002
28)	238990	Rehab Water St. Maintenance Bays	0.01538	x	0.02775	0.0004
29)	423830	Purchase Spare Sewer Pumps	0.00173	x		
30)	238320	Rehab Gardner Maintenance Facility - Wash Bay	0.00577	x	0.00864	0.0000
31)	238140	Rehab Fitchburg Admin/Maintenance Facility – Public Entrance	0.00423	x	0.01987	0.0001
					<b>Total</b>	0.0103
					<b>Expressed as a % (*100)</b>	1.03%
					<b>Rounded, Weighted Base Figure:</b>	<b>1%</b>

Fiscal Year:		2018		2018		2018 Totals		
Reporting Period:		Report submitted June 1		Report submitted Dec 1		Full Year		
Awards/Commitments Made During Period:	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	I. % of Total \$ to DBEs	
8. Prime Contracts Awarded This Period:	\$263,026	\$25,465	\$2,574,424	\$0	\$ 2,837,450	\$ 25,465	0.90%	
9. Subcontracts Awarded/Committed This Period:	\$181,700	\$3,121	\$130,975	\$770	\$ 312,675	\$ 3,891	1.24%	
<b>Total:</b>	<b>\$ 263,026</b>	<b>\$ 28,586</b>	<b>\$ 2,705,399</b>	<b>\$ 770</b>	<b>\$ 2,837,450</b>	<b>\$ 29,356</b>	<b>1.03%</b>	
Actual Payments On Contracts Completed This Reporting Period:	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	E. % of Total DBE Participation	
12. Race Conscious:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	
13. Race Neutral:	\$472,506	\$30,645	\$3,111,883	\$1,348	\$ 3,584,389	\$ 31,993	0.89%	
<b>Totals:</b>	<b>\$ 472,506</b>	<b>\$ 30,645</b>	<b>\$ 3,111,883</b>	<b>\$ 1,348</b>	<b>\$ 3,584,389</b>	<b>\$ 31,993</b>	<b>0.89%</b>	

Fiscal Year:		2019		2019		2019 Totals		
Reporting Period:		Report submitted June 1		Report submitted Dec 1		Full Year		
Awards/Commitments Made During Period:	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	I. % of Total \$ to DBEs	
8. Prime Contracts Awarded This Period:	\$4,101,935	\$0	\$2,622,816	\$0	\$ 6,724,751	\$ -	0.00%	
9. Subcontracts Awarded/Committed This Period:	\$393,096	\$318	\$156,517	\$86	\$ 549,613	\$ 404	0.07%	
<b>Total:</b>	<b>\$ 4,101,935</b>	<b>\$ 318</b>	<b>\$ 2,779,333</b>	<b>\$ 86</b>	<b>\$ 6,724,751</b>	<b>\$ 404</b>	<b>0.01%</b>	
Actual Payments On Contracts Completed This Reporting Period:	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	E. % of Total DBE Participation	
12. Race Conscious:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	
13. Race Neutral:	\$301,625	\$200,000	\$2,775,203	\$0	\$ 3,076,828	\$ 200,000	6.50%	
<b>Totals:</b>	<b>\$ 301,625</b>	<b>\$ 200,000</b>	<b>\$ 2,775,203</b>	<b>\$ -</b>	<b>\$ 3,076,828</b>	<b>\$ 200,000</b>	<b>6.50%</b>	

Fiscal Year:		2020		2020		2020 Totals		
Reporting Period:		Report submitted June 1		Report due December 1		Full Year		
Awards/Commitments Made During Period:	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	A. Total Dollars	C. Total to DBEs (\$)	I. % of Total \$ to DBEs	
8. Prime Contracts Awarded This Period:	\$344,347	\$0	\$3,845,283	\$120,000	\$ 4,189,630	\$ 120,000	2.86%	
9. Subcontracts Awarded/Committed This Period:	\$233,094	\$0	\$0	\$0	\$ 233,094	\$ -	0.00%	
<b>Total:</b>	<b>\$ 344,347</b>	<b>\$ -</b>	<b>\$ 3,845,283</b>	<b>\$ 120,000</b>	<b>\$ 4,189,630</b>	<b>\$ 120,000</b>	<b>2.86%</b>	
Actual Payments On Contracts Completed This Reporting Period:	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	B. Total Dollar Value of Prime Contracts Completed	D. Total DBE Participation (dollars)	E. % of Total DBE Participation	
12. Race Conscious:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	
13. Race Neutral:	\$521,365	\$0	\$0	\$0	\$ 521,365	\$ -	0.00%	
<b>Totals:</b>	<b>\$ 521,365</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 521,365</b>	<b>\$ -</b>	<b>0.00%</b>	

Estimates based on known contracts