

ATTACHMENT B

FY 2007-08 ANNUAL ANTICIPATED DBE PARTICIPATION LEVEL (AADPL) METHODOLOGY

The Solano Transportation Authority (STA) is responsible for the planning, coordination, and financing of transportation projects for the cities of Benicia, Dixon, Fairfield, Rio Vista, Suisun City, Vacaville, Vallejo and the County of Solano. In addition, the STA provides countywide planning for the development of roads, transit, rideshare, rail, bicycle and pedestrian facilities. Other responsibilities include the management of Solano Paratransit and Route 30 transit services, and the Solano Napa Commuter Information (SNCI) Program.

In accordance with Title 49 of the Code of Federal Regulations, Part 26 (49 CFR Part 26), an Annual Anticipated DBE Participation Level (AADPL) must be established for contracts awarded with federal funds. A two-step methodology process described in 49 CFR Part 26 must be used to determine the AADPL. Step One of the methodology establishes a base figure for the relative availability of DBEs that are ready, willing, and able to participate in federally funded DOT-assisted projects. Step Two relies on the STA's knowledge of its contracting markets to determine if an adjustment to the base figure is needed. Each methodology is discussed in detail below.

Step One Process: Census Bureau Data and DBE Directory

The first stage in developing an AADPL is to develop a market area for which consultants have demonstrated an interest in working in Solano County. A review of STA and Solano County Transportation files on previous Request for Proposals and letters of interest were used to establish a market area. Because of its location, Solano County attracts consultants from both the Bay Area and Sacramento regions. The counties in the market area for which consultants are expected to participate in STA contracts are:

Alameda County	Contra Costa County	Marin County
Napa County	Placer County	Sacramento County
San Francisco County	San Mateo County	Santa Clara County
Solano County	Sonoma County	Yolo County

The second stage is to determine which categories of work the STA will be contracting out with federal funds. For FY 2007-08, the STA plans to award four (4) contracts (see Attachment C). The activities were matched with their respective North American Industry Classification System (NAICS) codes, which was used to identify DBE firms in the Caltrans DBE database.

The third step to calculating the Step One AADPL, or Base Figure, is to weight each work category as a percentage of the total anticipated contract amount. Weighting each category will assist in providing a more accurate Step One Base Figure.

NAICS	NAICS Description	Weight
541330	Engineering Services (used for Civil and Traffic Engineering)	15%
541360	Geophysical Surveying and Mapping Services	40%
541370	Surveying and Mapping (except Geophysical Services)	24%
541620	Environmental Consulting Services	16%
541430	Graphic Design Services	5%

The next step to developing the Base Figure is calculated by dividing the number of certified DBE firms willing to work in Solano County by the total number of firms (see Attachment D). This is performed for each county and each type of activity. The results are as follows:

NAICS	NAICS Description	Ratio of DBE/Total
541330	Engineering Services (used for Civil and Traffic Engineering)	8.1%
541360	Geophysical Surveying and Mapping Services	27.3%
541370	Surveying and Mapping (except Geophysical Services)	13.9%
541620	Environmental Consulting Services	15.7%
541430	Graphic Design Services	5.1%

Finally, the Step One Base Figure is calculated by multiplying the DBE ratios by their corresponding weights, summing the results for each activity, and taking its percentage. The following computation establishes the Step One Base Figure:

$$\begin{aligned}
 &\text{Step One Base Figure} = \\
 &= \left[\frac{\text{Engineering}}{(0.15 * 0.081)} + \frac{\text{Geo Surv/Map}}{(0.40 * 0.273)} + \frac{\text{Surv/Map}}{(0.24 * 0.139)} + \frac{\text{Env Cons}}{(0.16 * 0.157)} + \frac{\text{Graphic Des}}{(0.05 * 0.051)} \right] * 100 \\
 &= \mathbf{18.2\%}
 \end{aligned}$$

The Step One Base Figure, weighted by type of work to be performed, is 18.2%.

Step Two Process: Adjustment to Base Figure

The purpose of the Step Two analysis is to determine if an upward or downward adjustment to the base AADPL is justified based on relevant evidence available to the STA. An adjustment to the Step One figure based on past participation will not be applied since STA is in the process of developing a revised DBE monitoring system. The new DBE monitoring procedures will be implemented to track DBE participation, which will

assist in determining whether an adjustment to the Step One Base Figure is warranted in the future.

Other factors in the Step Two analysis involve the consideration of disparity studies conducted in the market area and evidence of past discrimination. Since there are no known disparity studies for the region at this time and no adequate evidence of past discrimination, further adjustments to the DBE AADPL will not be made based on this information. However, the California Department of Transportation (Caltrans) is currently conducting a statewide disparity study over the next year in response to a recent decision made by the U.S. Ninth Circuit Court of Appeals. The STA may choose to reevaluate and amend the Step One AADPL at a later date when the results of the Caltrans statewide disparity study are released.

There will be no adjustment to the Step One base figure. Therefore, the overall AADPL, or the Step Two goal, will remain at 18.2%

Conclusion:

The annual DBE goal for FY 2007-08 is 18.2% and will be exclusively race-neutral.