

## **OVERALL & CONTRACT DBE GOAL METHODOLOGY**

<b>Airport Sponsor</b>	<b>Bear Lake County, Idaho</b>
<b>Airport Name</b>	<b>Bear Lake County Airport</b>
<b>Goal Period</b>	<b>FY 2016-2018 10/01/15 to 9/30/18</b>
<b>Projects</b>	<b>AIP No. 3-16-0027-013-XXX</b>
<b>Name of Preparer</b>	<b>Charles Schoenfelder, T-O Engineers</b>

<b>Overall DBE Goal:</b>	<b>1.1%</b>
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### **PART 1: DBE GOAL METHODOLOGY**

The calculation of three-year and contract DBE Goals, based upon 49 CFR Part 26, is a multi-phase task. The intent of the program is to create a level playing field on which DBE firms are able to compete fairly without creating a disadvantage to non-DBE competitors. This is accomplished through a detailed approach to setting both three-year and contract DBE goals that realistically consider the relevant demographics of the professional services and construction industries in the Sponsor's location as it relates to anticipated AIP eligible work in a given fiscal year.

#### **Step 1: DETERMINING A BASE FIGURE FOR THE OVERALL GOAL.**

The process begins by estimating the cost and scope of anticipated work associated with AIP funding during Federal FY 2016-2018. The Sponsor, Bear Lake County, Idaho anticipates the work efforts for FY 2016-2018 at Bear Lake County Airport described as follows:

Contract #1. Construction – Rehabilitate Aircraft Parking Apron. Work to include: pavement removal, excavation, site preparation, grading, drainage, aggregate production and placement, bituminous pavement, pavement marking, aircraft tie down anchors, construction surveys, and materials testing. Estimated Amount = \$416,148.00.

Contract #2. Construction – Replace Runway 10-28 Lighting System. Work to include: remove and dispose of existing stake-mounted lights, install conduit and conductors, install base-mounted edge lights, and construction surveys. Estimated Amount = \$294,840.00.

Contract #3. Construction – Runway Pavement Maintenance. Work to include: pavement crack repair, pavement seal coat, pavement marking removal, and construction surveys. Estimated Amount = \$116,000.00.

Contract #4. Professional Services (Engineering Inspection) – Rehabilitate Apron, Runway Lighting and Pavement Maintenance. Work to Include: bidding services, surveying, drafting, construction observation, quality assurance, grant administration, and preparation of project closeout documentation. Estimated Amount = \$99,240.00.

Contract #5. Construction – Install AWOS. Work to include: install conduit and conductors, install AWOS (Automated Weather Observing System), concrete foundations, and construction surveys. Estimated Amount = \$133,333.00.

Contract #6. Construction – Install PAPI. Work to include: install conduit and conductors, install PAPI (Precision Approach Path Indicator), concrete foundations, and construction surveys. Estimated Amount = \$88,500.00.

Contract #7. Professional Services (Engineering Design and Inspection) – Install AWOS and PAPI. Work to Include: design, construction plans and specifications, surveying, drafting, bidding services, construction observation, quality assurance, and grant administration. Estimated Amount = \$55,360.00.

Contract #8. Construction – Close Road and Construct Turnarounds. Work to include: pavement removal, excavation, site preparation, grading, drainage, aggregate production and placement, bituminous pavement, pavement marking, construction surveys, and materials testing. Estimated Amount = \$108,000.00.

Contract #9. Professional Services (Engineering Design and Inspection) – Close Road and Construct Turnarounds. Work to Include: design, construction plans and specifications, surveying, drafting, bidding services, construction observation, quality assurance, and grant administration. Estimated Amount = \$27,000.00.

The process continues by defining the market area where a substantial majority of the airports' contractors and subcontractors come from and the area which the airports spend a substantial amount of their contracting dollars. The market area includes Bannock, Bear Lake, Caribou and Franklin Counties, Idaho.

The next step is listing the work elements of the project by North American Industry Classification System (NAICS) Code number and NAICS Code description. In the market area the numbers of firms doing business with the same NAICS Code as project elements are counted. Information as to total available firms based on NAICS Code in a county is available from the United States Census Bureau, County Business Patterns (2013).

The process continues by listing the number of Certified (ready, willing and able) DBE firms based within the market area that perform the same type of work described by NAICS description. The DBE directory used to gather specific DBE firm information is from the Idaho Transportation Department updated October 2015. The objective is to set the goal to reflect the market of contractors/consultants available to provide services during FY 2016-2018 at Bear Lake County Airport. The result is a database of the number of DBE firms potentially available in the market area, the types of work they perform and the share they represent of the area workforce.

Tables 1 and 2 present contractor and material supplier availability data for the market area of Bannock, Bear Lake, Caribou and Franklin Counties. Table 3 presents market area data for professional services consultants available in the State of Idaho.

**TABLE 1**  
**CONTRACTOR AVAILABILITY**

NAICS Code	Description	Bannock County		Bear Lake County		Caribou County		Franklin County	
		All	DBE	All	DBE	All	DBE	All	DBE
115112	Soil preparation and planting	1	0	0	0	0	0	1	0
237110	Water, sewer related construction	1	0	0	0	2	0	1	0
237310	Highway, street (runway) construction	3	0	0	0	1	0	0	0
238110	Concrete foundation contractors	14	3	1	0	0	0	3	0
238210	Electrical contractors	18	0	2	0	5	0	7	0
238910	Site preparation contractors	12	1	2	0	3	0	4	0
238990	Specialty trade contractors	14	0	0	0	3	0	1	0
484220	Dump trucking	9	1	2	0	3	0	9	0
541370	Construction surveys	2	0	0	0	1	0	2	0
541380	Construction materials testing	3	0	0	0	0	0	0	0
561730	Landscaping/seeding	18	1	0	0	1	0	1	0
561990	Flagging, traffic control, other services	5	1	0	0	0	0	1	0

**TABLE 2**  
**MATERIAL SUPPLIER AVAILABILITY**

NAICS Code	Description	Bannock County		Bear Lake County		Caribou County		Franklin County	
		All	DBE	All	DBE	All	DBE	All	DBE
327320	Ready-mix concrete	1	0	0	0	0	0	0	0
327332	Concrete pipe	0	0	0	0	0	0	0	0
327390	Concrete precast	1	0	0	0	0	0	0	0
423610	Electrical supplies	7	0	0	0	0	0	0	0
424710	Petroleum terminals (asphalt)	4	0	1	0	1	0	0	0

**TABLE 3**  
**PROFESSIONAL SERVICES CONSULTANTS**

NAICS Code	Work Type Description	State of Idaho	
		All	DBE
541330	Engineering	364	6
541340	Drafting	37	0
541370	Surveying	60	1
541380	Geotechnical/construction materials testing	40	0

Computation of the overall goal is determined by weighting the portion each anticipated contract, Professional Services and Construction, represents of the total estimated cost of work associated with AIP funding for Federal FY 2016-2018. The result is the ‘Base Figure for the Overall Three-Year DBE Goal.’

The first step in weighting the goal is to divide each prime contract into its major elements. Each element is evaluated for DBE firm contracting opportunities. The work scope evaluation is based on the estimated cost of construction (Contract Nos. 1, 2, 3, 5, 6, 8) and Professional Services Scopes of Work (Contracts

Nos. 4, 7, 9). Work tasks are assigned a distinct NAICS Code number. Tables 4 through 7 show the weighted goal calculation methodology for each contract.

**TABLE 4**  
**CONTRACTS WORK ELEMENT BREAKDOWN**

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
<b>Contract 1. Construction: Rehabilitate Aircraft Parking Apron</b>				
115112	Soil preparation and planting	\$2,650.00	0.6	0.006
237110	Water, sewer and related construction	\$31,550.00	7.6	0.076
237310	Highway, street (runway) construction	\$93,495.00	22.5	0.225
238110	Concrete foundation contractors	\$16,992.00	4.1	0.041
238910	Site preparation contractors	\$67,006.00	16.1	0.161
238990	Specialty trade contractors	\$19,434.00	4.7	0.047
484220	Dump trucking	\$123,241.00	29.6	0.296
541370	Construction surveys	\$8,600.00	2.1	0.021
541380	Construction materials testing	\$9,150.00	2.2	0.022
561730	Landscaping/seeing	\$2,650.00	0.6	0.006
561990	Flagging, traffic control, other services	\$4,950.00	1.2	0.012
<b>Contract 1. Supplies: Rehabilitate Aircraft Parking Apron</b>				
327320	Ready-mix concrete	\$336.00	0.1	0.001
424710	Petroleum terminals (asphalt)	\$36,094.00	8.7	0.087
<b>TOTAL CONTRACT #1 COST:</b>		<b>\$416,148.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 2. Construction: Replace Runway 10-28 Lighting System</b>				
237310	Highway, street (runway) construction	\$454.00	0.2	0.002
238210	Electrical construction	\$179,923.00	61.0	0.610
238910	Site preparation contractors	\$4,507.00	1.5	0.015
238990	Specialty trade contractors	\$3,200.00	1.1	0.011
484220	Dump trucking	\$2,178.00	0.7	0.007
541370	Construction surveys	\$4,200.00	1.4	0.014
561990	Flagging, traffic control, other services	\$4,300.00	1.5	0.015
<b>Contract 2. Supplies: Replace Runway 10-28 Lighting System</b>				
327320	Ready-mix concrete	\$3,195.00	1.1	0.011
423610	Electrical supplies	\$92,883.00	31.5	0.315
<b>TOTAL CONTRACT #2 COST:</b>		<b>\$294,840.00</b>	<b>100.0</b>	<b>1.000</b>

**TABLE 4**  
**CONTRACTS WORK ELEMENT BREAKDOWN, continued**

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
<b>Contract 3. Construction: Runway Pavement Maintenance</b>				
237310	Highway, street (runway) construction	\$59,690.00	51.5	0.515
238910	Site preparation contractors	\$12,600.00	10.9	0.109
238990	Specialty trade contractors	\$10,540.00	9.1	0.091
484220	Dump trucking	\$2,720.00	2.3	0.023
541370	Construction surveys	\$3,120.00	2.7	0.027
561990	Flagging, traffic control, other services	\$3,930.00	3.4	0.034
<b>Contract 3. Supplies: Runway Pavement Maintenance</b>				
424710	Petroleum terminals (asphalt)	\$23,400.00	20.2	0.202
<b>TOTAL CONTRACT #3 COST:</b>		<b>\$116,000.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 4. Engineering (Inspection): Rehabilitate Apron, Runway Lighting, Pavement Maintenance</b>				
541330	Engineering	\$84,550.00	85.2	0.852
541340	Drafting	\$2,980.00	3.0	0.030
541370	Surveying	\$3,570.00	3.6	0.036
541380	Construction materials testing	\$8,140.00	8.2	0.082
<b>TOTAL CONTRACT #4 COST:</b>		<b>\$99,240.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 5. Construction: Install AWOS</b>				
238110	Concrete foundation contractors	\$5,400.00	4.1	0.041
238210	Electrical construction	\$57,400.00	43.1	0.431
541370	Construction surveys	\$3,533.00	2.6	0.026
541380	Construction materials testing	\$500.00	0.4	0.004
<b>Contract 5. Supplies: Install AWOS</b>				
327320	Ready-mix concrete	\$1,500.00	1.1	0.011
423610	Electrical supplies	\$65,000.00	48.8	0.488
<b>TOTAL CONTRACT #5 COST:</b>		<b>\$133,333.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 6. Construction: Install PAPI</b>				
238110	Concrete foundation contractors	\$3,360.00	3.8	0.038
238210	Electrical construction	\$40,560.00	45.8	0.458
541370	Construction surveys	\$5,300.00	6.0	0.060
541380	Construction materials testing	\$225.00	0.3	0.003
561990	Flagging, traffic control, other services	\$2,680.00	3.0	0.030
<b>Contract 6. Supplies: Install PAPI</b>				
327320	Ready-mix concrete	\$1,125.00	1.3	0.013
423610	Electrical supplies	\$35,250.00	39.8	0.398
<b>TOTAL CONTRACT #6 COST:</b>		<b>\$88,500.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 7. Engineering (Design and Inspection): Install AWOS and PAPI</b>				
541330	Engineering	\$47,880.00	86.5	0.865
541340	Drafting	\$2,330.00	4.2	0.042
541370	Surveying	\$2,100.00	3.8	0.038
541380	Construction materials testing	\$3,050.00	5.5	0.055
<b>TOTAL CONTRACT #7 COST:</b>		<b>\$55,360.00</b>	<b>100.0</b>	<b>1.000</b>

**TABLE 4**  
**CONTRACTS WORK ELEMENT BREAKDOWN, continued**

NAICS Code	Work Type Description	Work Type Element Cost	Portion of Total Cost %	Cost Element Multiplier
<b>Contract 8. Construction: Close Road and Construct Turnarounds</b>				
115112	Soil preparation and planting	\$795.00	0.7	0.007
237310	Highway, street (runway) construction	\$27,870.00	25.8	0.258
238910	Site preparation contractors	\$18,530.00	17.2	0.172
238990	Specialty trade contractors	\$5,700.00	5.3	0.053
484220	Dump trucking	\$36,500.00	33.8	0.338
541370	Construction surveys	\$3,270.00	3.0	0.030
541380	Construction materials testing	\$2,555.00	2.4	0.024
561730	Landscaping/seeing	\$795.00	0.7	0.007
561990	Flagging, traffic control, other services	\$1,485.00	1.4	0.014
<b>Contract 8. Supplies: Close Road and Construct Turnarounds</b>				
424710	Petroleum terminals (asphalt)	\$10,500.00	9.7	0.097
<b>TOTAL CONTRACT #8 COST:</b>		<b>\$108,000.00</b>	<b>100.0</b>	<b>1.000</b>
<b>Contract 9. Engineering (Design and Inspection): Close Road and Construct Turnarounds</b>				
541330	Engineering	\$22,720.00	84.1	0.841
541340	Drafting	\$1,130.00	4.2	0.042
541370	Surveying	\$1,010.00	3.7	0.037
541380	Construction materials testing	\$2,140.00	7.9	0.079
<b>TOTAL CONTRACT #9 COST:</b>		<b>\$27,000.00</b>	<b>100.0</b>	<b>1.000</b>

The next task is to identify the number of DBE firms considered available to perform the type of work characterized by the NAICS Code. Table 5 summarizes DBE availability for all contractors and suppliers and establishes the respective DBE Element Multipliers. Only those NAICS Code elements that have potential DBE participation are shown.

**TABLE 5**  
**CONTRACTOR, SUBCONSULTANT and MATERIAL SUPPLIER - ALL CONTRACTS**  
**DBE AVAILABILITY BY NAICS CODE**

NAICS Code and Description	Total Firms	DBE Firms	% DBE of Total Avail.	DBE Element Multiplier
<b>Construction</b>				
238110 Concrete foundation contractors	18	3	16.7	0.167
238910 Site preparation contractors	21	1	4.8	0.048
484220 Dump trucking	23	1	4.3	0.043
541330 Engineering	364	6	1.6	0.016
541370 Surveying	60	1	1.7	0.017
561730 Landscaping/seeding	20	1	5.0	0.050
561990 Flagging, traffic control, other services	6	1	16.7	0.167

The next calculation establishes a DBE Participation Multiplier to be used to calculate the dollar value of participation expected from DBE firms based on NAICS Code element. The DBE Participation Multiplier is calculated by multiplying the Cost Element Multipliers in Table 4 by the DBE Element Multiplier in Table 5. Only 60% of the value of supplies and materials purchased from a DBE supplier count toward the DBE goal.

**TABLE 6  
DBE PARTICIPATION MULTIPLIER CALCULATION**

NAICS Code and Description	Cost Element Multiplier	DBE Element Multiplier	DBE Participation Multiplier
<b>Contract 1. Construction: Rehabilitate Aircraft Parking Apron</b>			
238110 Concrete foundation contractors	0.041	0.167	0.0068
238910 Site preparation contractors	0.161	0.048	0.0077
484220 Dump trucking	0.296	0.043	0.0127
561730 Landscaping/seeding	0.006	0.050	0.0003
561990 Flagging, traffic control, other services	0.012	0.167	0.0020
<b>Contract 2. Construction: Replace Runway 10-28 Lighting System</b>			
238910 Site preparation contractors	0.015	0.048	0.0007
484220 Dump trucking	0.007	0.043	0.0003
561990 Flagging, traffic control, other services	0.015	0.167	0.0025
<b>Contract 3. Construction: Runway Pavement Maintenance</b>			
238910 Site preparation contractors	0.109	0.048	0.0052
484220 Dump trucking	0.023	0.043	0.0010
561990 Flagging, traffic control, other services	0.034	0.167	0.0057
<b>Contract 4. Engineering (Inspection): Rehabilitate Apron, Runway Lighting, Pavement Maintenance</b>			
541330 Engineering	0.852	0.016	0.0136
541370 Surveying	0.036	0.017	0.0006
<b>Contract 5. Construction: Install AWOS</b>			
238110 Concrete foundation contractors	0.041	0.167	0.0068
<b>Contract 6. Construction: Install PAPI</b>			
238110 Concrete foundation contractors	0.038	0.167	0.0063
561990 Flagging, traffic control, other services	0.030	0.167	0.0050
<b>Contract 7. Engineering (Design and Inspection): Install AWOS and PAPI</b>			
541330 Engineering	0.865	0.016	0.0138
541370 Surveying	0.038	0.017	0.0006
<b>Contract 8. Construction: Close Road and Construct Turnarounds</b>			
238910 Site preparation contractors	0.172	0.048	0.0083
484220 Dump trucking	0.338	0.043	0.0145
561730 Landscaping/seeding	0.007	0.050	0.0003
561990 Flagging, traffic control, other services	0.014	0.167	0.0023

**TABLE 6**  
**DBE PARTICIPATION MULTIPLIER CALCULATION, continued**

NAICS Code and Description	Cost Element Multiplier	DBE Element Multiplier	DBE Participation Multiplier
<b>Contract 9. Engineering (Design and Inspection): Rehabilitate FBO Apron</b>			
541330 Engineering	0.841	0.016	0.0135
541370 Surveying	0.037	0.017	0.0006

The next step in the process is to establish the dollar value of reasonable DBE participation by contract element, or NAICS Code. This is calculated by multiplying the estimated dollar value total for each contract by the DBE Participation Multiplier calculated in Table 6. The sum of the values identified as the DBE Value in Table 7 represents the total dollar value of DBE participation that can reasonably be expected for all contracts.

**TABLE 7**  
**CALCULATED DBE PARTICIPATION DOLLAR VALUE**

NAICS Code and Description	Contract Amount	DBE Participation Multiplier	DBE Value
<b>Contract 1. Construction: Rehabilitate Aircraft Parking Apron</b>			
238110 Concrete foundation contractors	\$416,148.00	0.0068	\$2,830.00
238910 Site preparation contractors	\$416,148.00	0.0077	\$3,204.00
484220 Dump trucking	\$416,148.00	0.0127	\$5,285.00
561730 Landscaping/seeding	\$416,148.00	0.0003	\$125.00
561990 Flagging, traffic control, other services	\$416,148.00	0.0020	\$832.00
<b>TOTAL CONTRACT #1:</b>			<b>\$12,276.00</b>
<b>Contract 2. Construction: Replace Runway 10-28 Lighting System</b>			
238910 Site preparation contractors	\$294,840.00	0.0007	\$206.00
484220 Dump trucking	\$294,840.00	0.0003	\$88.00
561990 Flagging, traffic control, other services	\$294,840.00	0.0025	\$737.00
<b>TOTAL CONTRACT #2:</b>			<b>\$1,031.00</b>
<b>Contract 3. Construction: Runway Pavement Maintenance</b>			
238910 Site preparation contractors	\$116,000.00	0.0052	\$603.00
484220 Dump trucking	\$116,000.00	0.0010	\$116.00
561990 Flagging, traffic control, other services	\$116,000.00	0.0057	\$661.00
<b>TOTAL CONTRACT #3:</b>			<b>\$1,380.00</b>
<b>Contract 4. Engineering (Design): Rehabilitate Apron, Runway Lighting, Pavement Maintenance</b>			
541330 Engineering	\$99,240.00	0.0136	\$1,350.00
541370 Surveying	\$99,240.00	0.0006	\$60.00
<b>TOTAL CONTRACT #4:</b>			<b>\$1,410.00</b>



**TABLE 7**  
**CALCULATED DBE PARTICIPATION DOLLAR VALUE, continued**

NAICS Code and Description	Contract Amount	DBE Participation Multiplier	DBE Value
<b>Contract 5. Construction: Install AWOS</b>			
238110 Concrete foundation contractors	\$133,333.00	0.0068	\$907.00
<b>TOTAL CONTRACT #5:</b>			<b>\$907.00</b>
<b>Contract 6. Construction: Install PAPI</b>			
238110 Concrete foundation contractors	\$88,500.00	0.0063	\$558.00
561990 Flagging, traffic control, other services	\$88,500.00	0.0050	\$443.00
<b>TOTAL CONTRACT #6:</b>			<b>\$1,001.00</b>
<b>Contract 7. Engineering (Design and Inspection): Install AWOS and PAPI</b>			
541330 Engineering	\$55,360.00	0.0138	\$764.00
541370 Surveying	\$55,360.00	0.0006	\$33.00
<b>TOTAL CONTRACT #7:</b>			<b>\$797.00</b>
<b>Contract 8. Construction: Close Road and Construct Turnarounds</b>			
238910 Site preparation contractors	\$108,000.00	0.0083	\$896.00
484220 Dump trucking	\$108,000.00	0.0145	\$1,566.00
561730 Landscaping/seeding	\$108,000.00	0.00035	\$38.00
561990 Flagging, traffic control, other services	\$108,000.00	0.0023	\$248.00
<b>TOTAL CONTRACT #8:</b>			<b>\$2,748.00</b>
<b>Contract 9. Engineering (Design and Inspection): Close Road and Construct Turnarounds</b>			
541330 Engineering	\$27,000.00	0.0135	\$365.00
541370 Surveying	\$27,000.00	0.0006	\$16.00
<b>TOTAL CONTRACT #9:</b>			<b>\$381.00</b>

The calculation of the base figure for the overall three-year DBE goal is the total DBE value for all contracts divided by the total contract value. This resultant value is the base figure for the determination of the overall three-year DBE goal.

**BEAR LAKE COUNTY AIRPORT  
 AIP RELATED CONTRACTS - FY 2016-2018  
 STEP 1 - BASE FIGURE FOR THE OVERALL THREE-YEAR DBE GOAL**

<b>Contract</b>	<b>Total Contract Amount</b>	<b>Total DBE Amount</b>	<b>Weighted Base Figure Goal</b>
<b>1. Construction: Rehabilitate Aircraft Parking Apron</b>	\$416,148.00	\$12,276.00	2.9%
<b>2. Construction: Replace Runway 10-28 Lighting</b>	\$294,840.00	\$1,031.00	0.3%
<b>3. Construction: Runway Pavement Maintenance</b>	\$116,000.00	\$1,380.00	1.2%
<b>4. Engineering (Inspection): Rehabilitate Apron, Runway Lighting, Pavement Maintenance</b>	\$99,240.00	\$1,410.00	1.4%
<b>5. Construction: Install AWOS</b>	\$133,333.00	\$907.00	0.7%
<b>6. Construction: Install PAPI</b>	\$88,500.00	\$1,001.00	1.1%
<b>7. Engineering (Design and Inspection): Install AWOS and PAPI</b>	\$55,360.00	\$797.00	1.4%
<b>8. Construction: Close Road and Construct Turnarounds</b>	\$108,000.00	\$2,748.00	2.5%
<b>9. Engineering (Design and Inspection): Close Road and Construct Turnarounds</b>	\$27,000.00	\$381.00	1.4%
<b>TOTAL ALL CONTRACTS</b>	<b>\$1,338,421.00</b>	<b>\$21,931.00</b>	<b>1.6%</b>

This concludes Step 1 of the process of determining the overall DBE goal. The Step 1 result is the Base Figure for the Overall Three-Year DBE Goal, calculated as 1.6%.

**Step 2: ADJUSTING THE BASE FIGURE.**

The objective of this step is to ensure that the overall goal accurately reflects DBE participation in the absence of discrimination. The need for an adjustment to the base figure can best be evaluated through an analysis of past actual DBE participation. Such an analysis will provide an indication of the capacity of the DBE firms available to perform the identified work items, as measured by the component of work DBE firms have provided in recent years. Past DBE participation at Bear Lake Airport with DBE goals developed under the 49 CFR Part 26 DBE program is summarized in Table 8.

**TABLE 8**  
**PAST DBE GOALS AND PARTICIPATION LEVELS**

Project Number	Overall Approved Goal (Race-Neutral; Race-Conscious)	Overall Participation
AIP 002 FY 2003	3.8% (3.8%; 0.0%)	0.2%
AIP 003 FY 2005	3.6% (3.6%; 0.0%)	0.8%
AIP 004 FY 2006	No Goal, Less than \$250,000 Federal Funds	Not Applicable
AIP 005 FY 2007	No Goal, Less than \$250,000 Federal Funds	Not Applicable
AIP 006 FY 2008	No Goal, Less than \$250,000 Federal Funds	Not Applicable
AIP 007/008 FY 2009	No Goal, Less than \$250,000 Federal Funds	Not Applicable
AIP 009 FY 2012	No Goal, Less than \$250,000 Federal Funds	6.0%
AIP 010 FY 2013	3.5% (3.5%; 0.0%)	0.0%
AIP 011 FY 2014	3.5% (3.5%; 0.0%)	Incomplete <sup>(1)</sup>
AIP 012 FY 2015	3.5% (3.5%; 0.0%)	Incomplete <sup>(1)</sup>
<b>Median of Past Overall Participation</b>		<b>0.5%</b>

<sup>(1)</sup> AIP 011 FY 14 and AIP 012 FY 2015 projects incomplete and not included in calculating Median of Past Overall Participation.

The median of actual DBE achievements is 0.5%. Past participation averaged with the Step 1 Base Figure of 1.6% results in an overall project goal adjusted for past participation of 1.1% (1.6% + 0.5% = 2.1% divided by 2 = 1.1%).

The Idaho Transportation Department Disparity Study was completed December 27, 2007. The disparity study does not recommend DBE contract goals for construction and engineering contracts at this time. As a result adjustments to the base figure were not made. Should an additional disparity study be completed or if the recommendations of the current study are updated, the findings will be considered in calculating future goals.

The airports consulted with the State of Idaho Department of Transportation DBE Supportive Services for the most recent list of certified DBE firms and the U.S. Census Bureau's web page for the most recent County Business Patterns Data. From the information obtained for the market area in which the airport spends a substantial amount of their contracting dollars, the certified DBE businesses were identified and the number of non-DBE businesses was determined. The information obtained was used in setting the overall goal but no subsequent adjustment of the goal was made because the input was already considered in preparing the overall goal initially.

Future goals will include input from the same sources used to set the goal for this year and may include consultation with local minority, women or general contractor groups to obtain information concerning the availability of disadvantaged and non-disadvantaged businesses, the effects of discrimination on opportunities for DBEs, and efforts to establish a level playing field for the participation of DBEs.

**Bear Lake County Airport, FY 2016-2018, Overall DBE Goal: 1.1%**

### **Section 26.51: Breakout of Estimated Race-Neutral & Race Conscious Participation**

Bear Lake County Airport will meet the maximum feasible portion of its overall goal by using race-neutral means of facilitating DBE participation. Bear Lake County Airport uses the following race-neutral means to increase DBE participation.

1. Quantities, specifications, and delivery schedules are arranged to facilitate DBE and other small business participation. Large contracts are divided into multiple bid schedules and bid items to make it easier to define portions of the work to subcontract.
2. Project plans are available for review at no charge at area planrooms, the Office of the Airport Manager and the project Engineer. The location where plans may be reviewed is stated in the Bid Advertisement.
3. DBE Supplemental Information is provided at the Pre-Bid Conference and distributed to everyone on the Bidders' List. The DBE requirements contained in the Bid Documents are summarized at the Pre-Bid Conference and in the Supplemental Information. In addition, questions about the DBE requirements are encouraged at the Pre-Bid Conference. The Engineer responds to questions concerning DBE participation.
4. A list of DBE subcontractors that have worked on past projects is made available to prime contractors.

We estimate that, in meeting our overall goal of **1.1%**, we will obtain **1.1%** from race-neutral participation and **1.1%** through race-conscious measures. Bear Lake County Airport does not have sufficient evidence of discrimination or its effects from which to set race-conscious goals.

We will track and report race-neutral and race-conscious participation separately. For reporting purposes, race-neutral DBE participation includes, but is not necessarily limited to, the following: DBE participation through a prime contract a DBE obtains through customary competitive procurement procedures; DBE participation through a subcontract on a prime contract that does not carry DBE goal; DBE participation on a prime contract exceeding a contract goal; and DBE participation through a subcontract from a prime contractor that did not consider a firm's DBE status in making the award.

#### **ESTIMATED RACE-NEUTRAL & RACE-CONSCIOUS PARTICIPATION.**

There is currently limited data available from which to determine what portion of the overall DBE goal can be obtained from race-neutral methods and what portion must be obtained from race-conscious methods. Because of the lack of sufficient evidence of discrimination or its effects, race-conscious goals will not be used.

**PART 2: CONTRACT DBE GOAL METHODOLOGY**

**Project: AIP No. 3-16-0027-013-XXX**

The process of setting DBE Contract goals for FY 2016-2018 projects was incorporated into setting the FY 2016-2018 Overall Goal. The individual contracts for which goals were calculated in Part 1 are expected to be awarded in FY 2016-2018. The process of adjusting the individual contract goals is the same as fiscal year goal setting.

The calculation of goals for each professional services and construction contract is simply the division of the total DBE value for each contract by total individual contract cost. This calculation results in the contract specific base goals. Contract specific base goals were adjusted proportionally for overall goal past participation to result in the adjusted base goals shown below.

Because of the lack of sufficient evidence of discrimination or its effects, advertised contract goals (race-conscious) will not be used. All DBE goals for the period FY 2016-2018 are summarized below.

**BEAR LAKE COUNTY AIRPORT  
 AIP RELATED CONTRACTS - FY 2016-2018  
DBE GOALS**

<b>Contract</b>	<b>Base Goal</b>	<b>Past Participation Adjustment</b>	<b>Adjusted Base Goal</b>	<b>Race-Neutral Goal</b>	<b>Advertised Goal (Contract Goals)</b>
1. Construction: Rehabilitate Aircraft Parking Apron	2.9%	-1.8%	1.1%	1.1%	Not Applicable
2. Construction: Replace Runway 10-28 Lighting	0.3%	+0.8%	1.1%	1.1%	Not Applicable
3. Construction: Runway Pavement Maintenance	1.2%	-0.1%	1.1%	1.1%	Not Applicable
4. Engineering (Inspection): Rehabilitate Apron, Runway Lighting, Pavement Maintenance	1.4%	-0.3%	1.1%	1.1%	Not Applicable
5. Construction: Install AWOS	0.7%	+0.4%	1.1%	1.1%	Not Applicable
6. Construction: Install PAPI	1.1%	0.0%	1.1%	1.1%	Not Applicable
7. Engineering (Design and Inspect): Install AWOS, PAPI	1.4%	-0.3%	1.1%	1.1%	Not Applicable
8. Construction: Close Road and Construct Turnarounds	2.5%	-1.4%	1.1%	1.1%	Not Applicable
9. Engineering (Design and Inspect): Rehabilitate FBO Apron	1.4%	-0.3%	1.1%	1.1%	Not Applicable
<b>OVERALL GOAL</b>	1.6%	-0.5%	1.1%	1.1%	Not Applicable

**Process:**

1. The airports consulted with the State of Idaho Department of Transportation DBE Supportive Services for the most recent list of certified DBE firms and the U.S. Census Bureau's web page for the most recent County Business Patterns Data. From the information obtained for the market area in which the airport spends a substantial amount of their contracting dollars, the certified DBE businesses were identified and the number of non-DBE businesses was determined. The information obtained was used in setting the overall goal but no subsequent adjustment of the goal was made because the input was already considered in preparing the overall goal initially.
2. In accordance with our DBE Plan, we will publish in the official county newspaper a notice of the proposed overall goal and make the goal available for inspection for 30 days following the date of the notice. The notice will also inform the public that we will accept comments for 45 days from the date of notice.
3. Any comments that are received will be considered for appropriateness in determining goals. We will provide a summary of the comments received and our response to the FAA.