

Report To: Board of Supervisors **Meeting Date:** April 21, 2016

Staff Contact: Steve Tackes

Agenda Title: For Possible Action: To approve and accept a 2016 Federal Aviation Administration Airport Improvement (AIP) Grant in the approximate amount of \$2,574,000 for north apron ramp reconstruction and Airport Geographic Information System (AGIS) airspace survey.

Staff Summary: The FAA has informed the Carson City Airport Authority that it is processing an AIP Grant for the Carson City Airport and will be sending the Grant Offers out with a requirement that it be accepted and returned within 10 days. The FAA requires Carson City, as well as the Carson City Airport Authority, to approve and accept the grant offer. This Grant will be used for a project to reconstruct the apron ramp area on the north side of the Airport runway. The FAA has already funded reconstruction of the south ramps and those have been completed.

This grant would also reimburse the Carson City Airport Authority for funds spent on a related airspace survey to meet FAA requirements.

Agenda Action: Formal Action/Motion **Time Requested:** 10 mins

Proposed Motion

I move to approve and accept the 2016 Federal Aviation Administration Airport Improvement (AIP) Grant in the approximate amount of \$2,574,000 for north apron ramp reconstruction and AGIS airspace survey and execute such documents as may be necessary to receive the funds on behalf of the Airport Authority.

Board's Strategic Goal

Safety

Previous Action

N/A

Background/Issues & Analysis

This item follows the Airport Master Plan program which involves our 5 year plan to maintain, repair or reconstruct pavement areas at the Carson City Airport. This Grant is for the reconstruction of the north ramp area. The Authority has approved acceptance of this Grant. Both the Authority and the City have previously approved grants for south ramp. This Grant will complete reconstruction of the remaining ramp area.

At the FAA's request, the Authority issued an invitation for bids for this work and four companies bid on the work. The low bid came in slightly under the estimated project amount and thus the Grant awarded by the FAA may be slightly lower for that portion of the project. The Authority has conditionally awarded the bid to the lowest responsible bidder (Granite Construction), conditioned on receipt of the FAA funding. The construction management work will be performed by the Airport Engineer. Things will move very fast once the Grant Offer is received. The Grant Offer needs to be accepted and returned to the FAA prior to us being able to draw down the

Final Version: 12/04/15

funds and initiate work. Given the short turnaround required by the FAA, there is not typically time to schedule approval of the Grant after receiving the Grant Offer. We anticipate starting and completing the project as soon as possible so that we can complete them during the current construction season. This Grant was designated Grant No. 3-32-0004-30 by the FAA. The Grant application also includes reimbursement to the Airport Authority of approximately \$70,000 which was the FAA share of an airspace survey (AGIS) that we conducted recently to establish safety parameters for instrument approaches to the airport.

The Carson City Airport Authority has approved acceptance of this Grant at its scheduled and publicly noticed meeting on March 9, 2016. The Authority has budgeted for the 6.25% matching funds (\$171,562) and will provide them. The format of the Grant Offer and the FAA assurances have been approved by the Airport Authority and the Board of Supervisors on numerous earlier grants (e.g that we will comply with all applicable laws in spending the funds and doing the construction).

Applicable Statute, Code, Policy, Rule or Regulation

Statutes of Nevada, Chapter 844

| inancial Information there a fiscal impact? Yes X No (No City impact, matching funds from Airport Auth | ority) |
|--|--------|
| yes, account name/number: | |
| s it currently budgeted? | |
| xplanation of Fiscal Impact: | |
| <u>lternatives</u> | |
| oard Action Taken: Iotion: 1) Aye/Nay 2) | |
| (Vote Recorded By) | |

Staff Report Page 2

OMB Number: 4040-0004 Expiration Date: 04/31/2012

| Application for Federal Assi | stance SF-424 | | Version 02 |
|---|-------------------------|---|------------|
| *1. Type of Submission | *2. Type of Application | *If Revision, select appropriate letter(s): | |
| ☐ Preapplication | ✓ New | | |
| ✓ Application | Continuation | * Other (Specify) | |
| ☐ Changed/Corrected Application | Revision | | |
| *3. Date Received: | 4. Application Iden | tifier: | |
| | | | _ |
| 5a. Federal Entity Identifier: | *5b | Federal Award Identifier: | |
| 3-32-0004 | | | |
| State Use Only: | | | |
| 6. Date Received by State: | 7. St | ate Application Identifier: | |
| 8. APPLICANT INFORMATION: | , | | |
| * a. Legal Name: CARSON CITY | | O to C to I DIDIG | |
| * b. Employer/Taxpayer Identifica 88-6000189 | tion Number (EIN/TIN | (): *c. Organizational DUNS: 073787152 | |
| d. Address: | | 013101132 | |
| *Street1: 201 NORTH CARS | ON STREET | | |
| Street 2: | | | |
| *City: CARSON CITY | | | |
| County: | | | |
| *State: NEVADA Province: | | | |
| Country: | k | Zip/ Postal Code: 89701 | |
| e. Organizational Unit: | | 216, 100m1 0000. | |
| Department Name: | | Division Name: | |
| CARSON CITY AI | RPORT AUTHORIT | CARSON CITY AIRPORT | |
| | | | |
| f. Name and contact information of | person to be contacted | on matters involving this application: | |
| Prefix: MR. | First Na | me: TIM | |
| Middle Name: | | | |
| *Last Name: ROWE Suffix: | | | |
| Title: AIRPORT MANAGER | | | |
| Organizational Affiliation: | | | |
| CARSON CITY AIRPOR | Т | | |
| | | | |
| | | | |
| | | | |
| *Telephone Number: 775-841-225 | 55 | Fax Number: 775-841-2254 | |
| *Email: cxp-mgr@att.net | | | |

OMB Number: 4040-0004 Expiration Date: 04/31/2012

| Application for Federal Assistance SF-424 | Version 02 |
|--|--------------------|
| 9. Type of Applicant 1: Select Applicant Type: - Select | ct One - |
| | |
| Type of Applicant 2: Select Applicant Type: | |
| - Sele | ct One - |
| Type of Applicant 3: Select Applicant Type: | |
| - Sele | ct One - |
| *Other (specify): | L COVERNMENT |
| *10. Name of Federal Agency: | L GOVERNIVIENT |
| | ON ADMINISTRATION |
| 11. Catalog of Federal Domestic Assistance Number: | |
| 20-106 | |
| CFDA Title: | |
| AIRPORT IM | PROVEMENT PROGRAM |
| | |
| *12. Funding Opportunity Number: | |
| *Title: | |
| | |
| | |
| | |
| 13. Competition Identification Number: | |
| Title: | |
| | |
| | |
| | |
| 14. Areas Affected by Project (Cities, Counties, States, 6 | tc.): |
| CARSON CITY AND THE ST | ATE OF NEVADA |
| | |
| | |
| | |
| *15. Descriptive Title of Applicant's Project: | |
| REHABILITATE NORTH APR | ON and AGIS SURVEY |
| | |
| | |
| Attach supporting documents as specified in ager | cy instructions. |

OMB Number: 4040-0004 Expiration Date: 04/31/2012

| Application for Federal Assi | stance SF-424 | Version 02 |
|---|---|--------------------------------------|
| 16. Congressional Districts Of: | | |
| *a Applicant | *b. Program/Project: | |
| *a. Applicant 2nd | 2nd | |
| Attach an additional list of Program/l | Project Congressional Districts if needed. | |
| | J | |
| | | |
| 17. Proposed Project: | | |
| *a. Start Date: JULY 2016 | *b. End Date: DECEMBER 2016 | |
| 18. Estimated Funding (\$): | o. End Date | |
| *a. Federal | \$2,573,438.00 | |
| *b. Applicant | \$171,562.00 | |
| *c. State | \$0.00 | |
| *d. Local | · | |
| *e. Other | \$0.00 | |
| *f. Program Income | \$0.00 | |
| *g. TOTAL | \$2,745,000.00 | |
| *19. Is Application Subject to Revi | ew By State Under Executive Order 12372 Process? | |
| b. Program is subject to E.O. 123' c. Program is not covered by E.O. | | cess for review on 04/21/2016 |
| *20. Is the Applicant Delinquent On ☐ Yes ✓ No | Any Federal Debt? (If "Yes", provide explanation.) | |
| herein are true, complete and accurat with any resulting terms if I accept an | rify (1) to the statements contained in the list of certificate to the best of my knowledge. I also provide the require a award. I am aware that any false, fictitious, or fraudule repenalties. (U.S. Code, Title 218, Section 1001) | red assurances** and agree to comply |
| ✓ **I AGREE | | |
| ** The list of certifications and assura agency specific instructions. | nces, or an internet site where you may obtain this list, i | is contained in the announcement or |
| Authorized Representative: | | |
| Prefix: MR. | *First Name: KARL | |
| Midd le N ame: | | |
| *Last Name: HUTTER | | |
| Suffix: | | |
| *Title: CHAIRMAN, CARSON C | | |
| *Telephone Number: 775-841-225 | | 75-841-2254 |
| *Email: khutter@me.com | | |
| *Signature of Authorized Representa | tive: Date Signed: | |



Application for Federal Assistance (Development Projects)

PART II – PROJECT APPROVAL INFORMATION

| SECT | ION A |
|---|---|
| Item 1. Does this assistance request require State, local, regional, | Name of Governing Body: |
| or other priority rating? | Priority: |
| Item 2. Does this assistance request require State, or local advisory, educational or health clearances? | Name of Agency or Board: |
| ☐ Yes ✓ No | (Attach Documentation) |
| Item 3. Does this assistance request require clearinghouse review in accordance with OMB Circular A-95? ☐ Yes ✓ No | (Attach Comments) |
| Item 4. Does this assistance request require State, local, regional, | Name of Approving Agency: |
| or other planning approval? | Date: |
| Item 5. Is the proposal project covered by an approved comprehensive plan? Yes V No | Check one: State |
| Item 6. Will the assistance requested serve a Federal installation? ☐ Yes ✓ No | Name of Federal Installation: Federal Population benefiting from Project: |
| Item 7. Will the assistance requested be on Federal land or installation? ☐ Yes ✓ No | Name of Federal Installation: Location of Federal Land: Percent of Project: % |
| Item 8. Will the assistance requested have an impact or effect on the environment? Yes V No | (See instructions for additional information to be provided.) |
| Item 9. Will the assistance requested cause the displacement of individuals, families, businesses, or farms? Yes V No | Number of: Individuals: Families: Businesses: Farms: |
| Item 10. Is there other related Federal assistance on this project previous, pending, or anticipated? ☐ Yes ✓ No | (See instructions for additional information to be provided.) |

PART II - SECTION C

The Sponsor hereby represents and certifies as follows:

1. Compatible Land Use – The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

The project does not require changes to the current land usage.

2. Defaults – The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

None

3. Possible Disabilities – There are no facts or circumstances (including the existence of effective or proposed leases, use agreements or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of the Grant Assurances, either by limiting its legal or financial ability or otherwise, except as follows:

None

4. Consistency with Local Plans – The project is reasonably consistent with plans (existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

Yes

5. Consideration of Local Interest – It has given fair consideration to the interest of communities in or near where the project may be located.

Yes

- **6. Consultation with Users** In making a decision to undertake any airport development project under Title 49, United States Code, it has undertaken reasonable consultations with affected parties using the airport which project is proposed. Yes
- 7. Public Hearings In projects involving the location of an airport, an airport runway or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

Not Applicable

8. Air and Water Quality Standards – In projects involving airport location, a major runway extension, or runway location it will provide for the Governor of the state in which the project is located to certify in writing to the Secretary that the project will be located, designed, constructed, and operated so as to comply with applicable and air and water quality standards. In any case where such standards have not been approved and where applicable air and water quality standards have been promulgated by the Administrator of the Environmental Protection Agency, certification shall be obtained from such Administrator. Notice of certification or refusal to certify shall be provided within sixty days after the project application has been received by the Secretary.

Not Applicable

OMB CONTROL NUMBER: 2120-0569 OMB EXPIRATION DATE: 4/30/2017

PART II - SECTION C (Continued)

| 9. Exclusive Rights – There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows: |
|--|
| Not Applicable |
| 10. Land – (a) The sponsor holds the following property interest in the following areas of land* which are to be developed or used as part of or in connection with the Airport subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit "A": |
| The airport is located on land owned by Carson City. There are no exceptions, encumbrances, or adverse interests. |
| The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests. |
| (b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land* on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit "A": |
| Not Applicable |
| (c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land* which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit "A" |
| Not Applicable |
| *State the character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map. |

PART III – BUDGET INFORMATION – CONSTRUCTION

| SECTION A – GENERAL | | | | | | | |
|--|----------|--|--|--|--|--|--|
| 1. Federal Domestic Assistance Catalog Number: | 20 - 106 | | | | | | |
| 2. Functional or Other Breakout: | | | | | | | |
| | | | | | | | |

SECTION B – CALCULATION OF FEDERAL GRANT

| | Use only fo | Total | |
|--|------------------------|------------------------|--------------------|
| Cost Classification | Latest Approved Amount | Adjustment + or (-) | Amount Required |
| Administration expense (Includes single audit) | \$ 20,245.00 | \$ | \$ 20,245.00 |
| 2. Preliminary expense | | | 0.00 |
| 3. Land, structures, right-of-way | | | 0.00 |
| 4. Architectural engineering basic fees | | | 0.00 |
| 5. Other Architectural engineering fees | | | 0.00 |
| 6. Project inspection fees | 297,500.00 | | 297,500.00 |
| 7. Land development | | | 0.00 |
| 8. Relocation Expenses | | | 0.00 |
| 9. Relocation payments to Individuals and Businesses | | | 0.00 |
| 10. Demolition and removal | | | 0.00 |
| 11. Construction and project improvement | 2,352,352.00 | | 2,352,352.00 |
| 12. Equipment | | | 0.00 |
| 13. Miscellaneous (AGIS Survey) | 74,903.00 | | 74,903.00 |
| 14. Total (Lines 1 through 13) | 2,745,000.00 | 0.00 | 2,745,000.00 |
| 15. Estimated Income (if applicable) | 0.00 | 0.00 | 0.00 |
| 16. Net Project Amount (Line 14 minus 15) | 2,745,000.00 | 0.00 | 2,745,000.00 |
| 17. Less: Ineligible Exclusions | 0.00 | | 0.00 |
| 18. Add: Contingencies | | | 0.00 |
| 19. Total Project Amt. (Excluding Rehabilitation Grants) | 2,745,000.00 | 0.00 | 2,745,000.00 |
| 20. Federal Share requested of Line 19 | 2,573,438.00 | | 2,573,438.00 |
| 21. Add Rehabilitation Grants Requested (100 Percent) | | | 0.00 |
| 22. Total Federal grant requested (lines 20 & 21) | 2,573,438.00 | 0.00 | 2,573,438.00 |
| 23. Grantee share | 171,562.00 | | 171,562.00 |
| 24. Other shares | 0.00 | | 0.00 |
| 25. Total Project (Lines 22, 23 & 24) | \$ 2,745,000.00 | \$ 0.00 | \$ 2,745,000.00 |

| SECTION C - EXCLUS | ONS | | | | |
|---------------------------------------|------|--|---|------------|--|
| Classification | | Ineligible for Participation (1) | Excluded From Contingency Provision (2) | | |
| a. | \$ | | \$ | | |
| b. | | | | | |
| c. | | | | | |
| d. | | | | | |
| e. | | | | | |
| f. | | | | | |
| g. Totals | \$ | 0.00 | \$ | 0.00 | |
| SECTION D – PROPOSED METHOD OF FINANC | CING | NON-FEDERAL SHA | ARE | | |
| 27. Grantee Share | | | | | |
| a. Securities | | | \$ | | |
| b. Mortgages | | | | | |
| c. Appropriations (By Applicant) | | | | 171,562.00 | |
| d. Bonds | | | | | |
| e. Tax Levies | | | | | |
| f. Non Cash | | | | | |
| g. Other (Explain) | | | | | |
| h. TOTAL - Grantee share | | | | 171,562.00 | |
| 28. Other Shares | | | | | |
| a. State | | | | | |
| b. Other | | | | | |
| c. Total Other Shares | | | | 0.00 | |
| 29. TOTAL | | | \$ | 171,562.00 | |
| SECTION E - REMAR | KS | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

PART IV - PROGRAM NARRATIVE (Attach - See Instructions)

PART IV PROGRAM NARRATIVE

(Suggested Format)

PROJECT: NORTH APRON REHABILITATION - CONSTRUCTION

AIRPORT: CARSON CITY AIRPORT

1. Objective:

PROVIDE FOR THE RECONSTRUCTION OF 41,100 SQUARE YARDS OF PAVEMENT AT THE NORTH APRON IN ACCORDANCE WITH THE REQUIREMENTS OF ADVISORY CIRCULAR 150/5300-13A. THE PAVEMENT FOR THE EXISTING TIEDOWN APRON HAS FAILED IN NUMEROUS AREAS AND NEEDS TO BE REPLACED. INCLUDED IN THE CONSTRUCTION WILL BE UNDERGROUND DRAINAGE IMPROVEMENTS, PERIMETER FENCE IMPROVEMENTS, AND THE INSTALLATION OF APRON LIGHTING.

ALSO INCLUDED IN THE PROJECT IS THE REIMBURSEMENT FOR AN AGIS SURVEY FOR RUNWAY 9-27.

2. Benefits Anticipated:

THE BENEFITS INCLUDE PROVIDING NEW PAVEMENT FOR THE APRON WHICH WILL PREVENT FOD AND PROVIDE A SAFE ENVIRONMENT TO TIE DOWN AIRCRAFT. THIS PROJECT WILL ALSO IMPROVE DRAINAGE OF THE APRON, IMPROVE AIRPORT SECURITY, AND PROVIDE APRON LIGHTING WHICH DOES NOT CURRENTLY EXIST.

THE AGIS SURVEY PROVIDES THE NECESSARY INFORMATION FOR FLIGHT PROCEDURES TO DEVELOP NON-PRECISION INSTRUMENT APPROACH PROCEDURES TO THE RUNWAY.

3. Approach: (See approved Scope of Work in Final Application)

THE BID OPENING WAS HELD ON MARCH 4, 2016 AND FOUR BIDS WERE RECEIVED (SEE ATTACHED BID SUMMARY). GRANITE CONSTRUCTION COMPANY SUBMITTED THE LOWEST RESPONSIVE BID IN THE AMOUNT OF \$2,352,352 FOR THE BASE BID, WHICH INCLUDES ALL WORK ASSOCIATED WITH THE PROJECT. THE CONTRACT PERIOD HAS BEEN ESTABLISHED AS 120 CALENDAR DAYS. CONSTRUCTION WILL BE PERFORMED IN FOUR PHASES TO MAINTAIN ACCESS TO THE EXISTING HANGARS. CONSTRUCTION WILL BEGIN IN JULY AND CONCLUDE IN OCTOBER 2016. THE AGIS SURVEY WAS PERFORMED IN 2013.

4. Geographic Location:

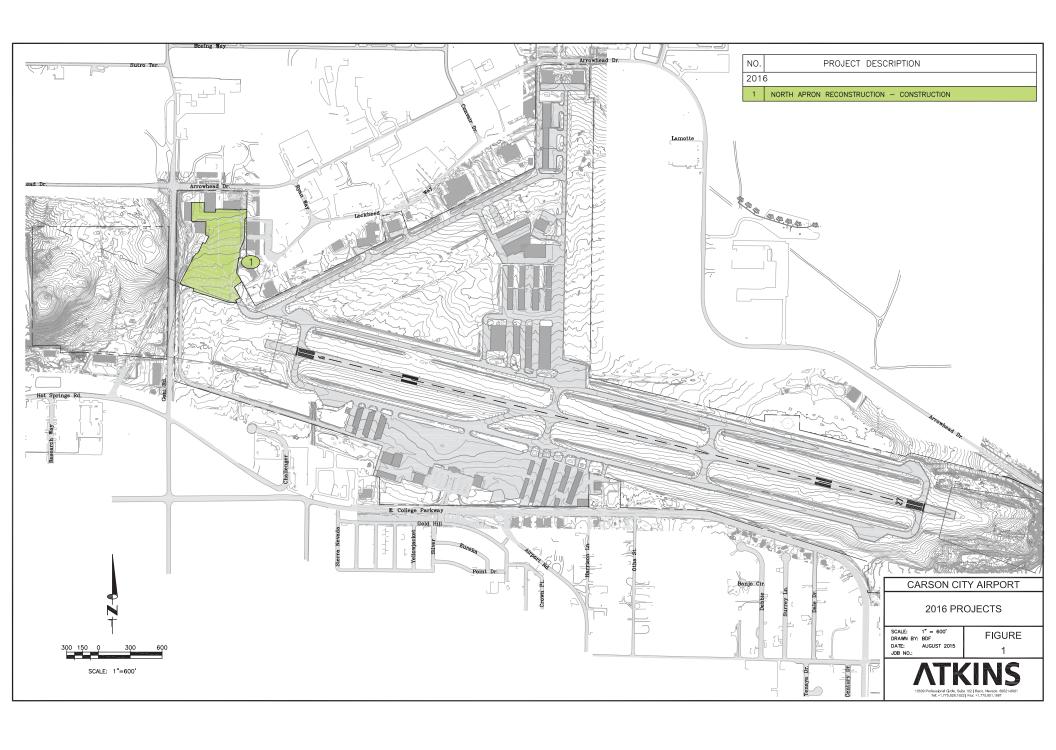
THE CARSON CITY AIRPORT IS LOCATED AT THE NORTHEASTERLY SIDE OF CARSON CITY, NEVADA. THE AIRPORT REFERENCE POINT IS LOCATED AT 39° 11' 32.29" N LATITUDE AND 114° 43' 57.25" W LONGITUDE. THE NORTH APRON IS LOCATED AT THE NORTHWEST PORTION OF THE AIRPORT NEAR THE CORNER OF ARROWHEAD DRIVE AND GONI ROAD.

5. If Applicable, Provide Additional Information:

ATTACHED IS THE BID TABULATION AND AN EXHIBIT FOR THE PROJECT. ALSO ATTACHED ARE PICTURES OF THE EXISTING FAILED PAVEMENT.

6. Sponsor's Representative: (include address & telephone number)

TIM ROWE CARSON CITY AIRPORT MANAGER 2600 E. COLLEGE PARKWAY #6 CARSON CITY, NV 89407 775-841-225



CARSON CITY AIRPORT ~ REHABILITATE NORTH APRON

| | BID RESULTS ~ 3/4/2016 | | | GRANITE CONSTRUCTION | | SIERRA NEVADA CONSTRUCTION | | Q & D CONSTRUCTION | | SPANISH SPRINGS CONSTRUCTION | | ENGINEERS ESTIMATE | |
|---------------------|---|--------------|--------------|---|-------------------------|-------------------------------|--------------|---------------------------|------------|---------------------------------|---------------|----------------------------|-----------------------------|
| ITEM | DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| G-100-1 | Mobilization/Demobilization | 1 | L.S. | \$ 240,952.67 \$ | 240,952.67 | \$ 159,063.60 | | \$ 248,315.70 \$ | 248,315.70 | \$ 300,119.25 | \$ 300,119.25 | \$ 148,000.00 | \$ 148,000.00 |
| M-100-1 | Airport Safety and Security | 1 | L.S. | \$ 50,000.00 \$ | 50,000.00 | \$ 25,000.00 | | \$ 60,000.00 | | | | \$ 28,000.00 | |
| | Pulverize/Remove 17.5-inches of Existing Pavement | 39,907 | S.Y. | | 55,869.80 | \$ 3.00 | | | | | | \$ 2.50 | \$ 99,767.50 |
| P-104-2 P-104-3 | Pulverize/Remove 10-inches of Existing Pavement - Access Road Remove Existing Aircraft Tie Down Anchors | 967 171 | S.Y. Each | \$ 1.69 \$ \$ 50.00 \$ | 1,634.23 8,550.00 | \$ 3.40 \$ 150.00 | | \$ 7.00 \$ \$ 32.50 \$ | | | | \$ 2.00 \$ 100.00 | \$ 1,934.00 \$ 17,100.00 |
| P-104-4 | Remove Existing Drainage Inlet | 2 | | \$ 1,000.00 \$ | 2,000.00 | \$ 1,000.00 | | | | | | \$ 1,000.00 | |
| P-104-5 | Remove Existing 4'x4' Frame & Grate & Concrete Collar/Apron | 2 | | \$ 500.00 \$ | 1,000.00 | \$ 900.00 | | | | | | \$ 1,000.00 | |
| | Remove Existing Waterline | 300 | L.F. | , , , , | 900.00 | \$ 21.00 | | | | | | \$ 20.00 | |
| P-104-7 | Remove Existing Chain Link Fence and Manual Gates | 758 | L.F. | | 4,548.00 | \$ 5.00 | | | | | | \$ 10.00 | |
| P-104-8 | Remove Existing Automatic Gate | 1 | L.S. | | 2,000.00 | \$ 1,800.00 | | | | | | \$ 2,000.00 | |
| P-104-9 P-104-10 | Remove Existing Lawn and Split Rail Fence Remove Existing Tree | 1 | | \$ 1,500.00 \$ \$ 500.00 \$ | 1,500.00 500.00 | \$ 3,500.00 \$ 2,000.00 | | | | | | \$ 1,000.00 \$ 1,000.00 | |
| P-104-11 | Remove Existing 148" Manhole Assembly | 1 | | \$ 1,000.00 \$ | 1,000.00 | \$ 1,600.00 | | | | | | | \$ 1,500.00 |
| P-151-1 | Clearing and Grubbing | 1,230 | | \$ 2.00 \$ | 2,460.00 | \$ 5.00 | | | | | \$ 13,530.00 | \$ 3.00 | \$ 3,690.00 |
| P-152-1 | Unclassified Excavation and Embankment | 1 | L.S. | \$ 70,000.00 \$ | 70,000.00 | \$ 175,000.00 | | \$ 8,000.00 | | | \$ 155,000.00 | \$ 330,000.00 | \$ 330,000.00 |
| P-152-2 | Unclassified Excavation and Embankment - Access Road | 1 | L.S. | \$ 2,000.00 \$ | 2,000.00 | \$ 3,500.00 | | \$ 1,250.00 | | | | \$ 8,000.00 | \$ 8,000.00 |
| P-152-3 | Overexcavation of Unsuitable Soils & Backfill with Suitable Materials | 4,200 | | \$ 1.00 \$ | 4,200.00 | \$ 13.00 | | | | | | \$ 20.00 | |
| P-156-1 P-301-1 | Temporary Air and Water Pollution, Soil, Erosion and Siltation Control 10.5-inch Soil-Cement Base Course | 1 37,874 | L.S. S.Y. | \$ 50,000.00 \$ \$ 9.00 \$ | 50,000.00 340,866.00 | \$ 7,500.00 \$ 9.00 | | | | | | \$ 10,000.00 \$ 10.50 | |
| P-301-1 P-301-2 | 6-inch Soil-Cement Base Course | 2,490 | S.Y. | | 17,430.00 | \$ 15.00 | | | | | | \$ 7.00 | |
| P-301-3 | 6-inch Soil-Cement Base Course - Access Road | 967 | S.Y. | | 8,703.00 | \$ 9.00 | | \$ 8.00 | | | \$ 9,524.95 | \$ 7.00 | \$ 6,769.00 |
| P-401-1 | 4-inch Bituminous Surface Course | 37,647 | S.Y. | | 677,646.00 | \$ 24.00 | | | | | \$ 752,940.00 | \$ 23.00 | \$ 865,881.00 |
| P-401-2 | 4-inch Bituminous Surface Course - Access Road | 967 | S.Y. | | 17,406.00 | \$ 24.00 | \$ 23,208.00 | | 22,241.00 | | \$ 23,208.00 | \$ 23.00 | \$ 22,241.00 |
| P-501-1 | 10.5-inch PCC Pavement | 2,490 | S.Y. | | 211,650.00 | \$ 100.00 | | | | | | \$ 105.00 | \$ 261,450.00 |
| P-611-1 | Asphalt Concrete Sawcut Control Joints | 19,142 | L.F. | | 57,426.00 | \$ 3.20 | | | | | | \$ 2.25 | |
| P-611-2 P-620-1 | Asphalt Concrete Sawcut Control Joints - Access Road 4-inch Solid Yellow Stripe | 396 1,640 | L.F. | | 1,188.00 1,640.00 | \$ 2.50 \$ 0.55 | | | | | | \$ 2.25 \$ 0.65 | |
| P-620-1 | 4-inch Solid Yellow Stripe - Access Road | 285 | L.F. | | 285.00 | \$ 0.60 | | \$ 1.50 | | | | \$ 0.65 | |
| P-620-3 | 6-inch Solid Yellow Stripe | 2,808 | L.F. | | 2,808.00 | \$ 0.60 | | \$ 2.00 | | | | \$ 0.75 | |
| P-620-4 | 6-inch Solid White Stripe | 1,696 | L.F. | | 1,696.00 | \$ 0.60 | | \$ 2.00 \$ | | | | \$ 0.75 | |
| P-620-5 | 6-inch Dashed White Stripe | 310 | L.F. | , , , | 310.00 | \$ 0.60 | | | | | | \$ 0.75 | |
| P-620-6 | 12-inch Solid Yelow Circle with Black Outline | 378 | L.F. | | 945.00 | \$ 1.50 | | | | | | \$ 2.50 | |
| P-620-7 | White Stop Bar and Yield Message | 5 | Each | | 3,750.00 | \$ 85.00 | | | | | | \$ 200.00 | |
| P-620-8 P-700-1 | Handicap Parking Symbol - Access Road Aircraft Tie Down Anchors | 1 120 | Each Each | \$ 750.00 \$ \$ 300.00 \$ | 750.00 36,000.00 | \$ 100.00 \$ 350.00 | | | | | | \$ 200.00 \$ 300.00 | |
| P-700-1 P-700-2 | Aircraft Tie Down Chain Sets | 40 | | \$ 250.00 \$ | 10,000.00 | \$ 180.00 | | | | | | \$ 250.00 | |
| P-700-3 | Vehicular Loop Detector | 2 | | \$ 1,150.00 \$ | 2,300.00 | \$ 750.00 | | | · · | | | \$ 750.00 | \$ 1,500.00 |
| | 3/4-inch Waterline | 192 | | \$ 25.00 \$ | 4,800.00 | \$ 28.00 | | | | | | | |
| P-700-5 | 3/4-inch Gate Valve and Valve Box | 1 | Each | | 200.00 | \$ 160.00 | | | | | | | |
| | Concrete Patching | 42 | S.Y. | | 10,500.00 | \$ 200.00 | | | | | | \$ 90.00 | |
| | Concrete Patching - Access Road | 2 | S.Y. | | 500.00 | \$ 200.00 | | | | | | \$ 90.00 | |
| | 4-inch Sch 80 PVC Pipe 6-inch Sch 80 PVC Pipe | 5 28 | L.F. | | 175.00 1,400.00 | \$ 70.00 \$ 80.00 | | | | | | \$ 50.00 \$ 55.00 | |
| | 15-inch RCP Class III | 55 | L.F. | | 3,025.00 | \$ 90.00 | | | | | | \$ 110.00 | |
| D-701-4 | 15-inch RCP Flared End Section | 2 | Each | | | \$ 1,000.00 | | | | | | \$ 1,200.00 | |
| D-701-5 | 18-inch RCP Class III | 94 | L.F. | | 5,170.00 | \$ 95.00 | | | | | | \$ 120.00 | |
| D-701-6 | Video Inspection and Pipe Cleaning | 1 | Allow | | 7,000.00 | \$ 7,000.00 | | | | | | \$ 7,000.00 | |
| | 24-inch Concrete Encased CMP Slotted Drain | 832 | | \$ 150.00 \$ | 124,800.00 | \$ 160.00 | | | | | | \$ 180.00 | |
| | 12-inch Thick Loose Rock Rip-Rap | 32 | S.F. | | | \$ 50.00 | | | | | | \$ 10.00 | |
| | 2'x3'x3' Drainage inlet | 3 4 | Each Each | | 9,000.00 14,000.00 | \$ 2,800.00 \$ 3,200.00 | | | | | | \$ 4,000.00 \$ 5,000.00 | |
| | 3'x3'x3' Drainage inlet 3'x3'x4' Drainage inlet | 1 | Each | | 3,600.00 | \$ 3,300.00 | | | | | | | |
| | Connect New or Existing Pipe to New or Existing Manhole or Drainage Inlet | 7 | | \$ 500.00 \$ | 3,500.00 | \$ 2,000.00 | | | | | | \$ 1,000.00 | |
| | Adjust Manhole Frame and Grate to Finished Grade | 3 | Each | | 3,000.00 | \$ 1,100.00 | | | | | | \$ 1,000.00 | |
| D-751-6 | New 4'x4' Frame and Grate H20 Loading | 1 | Each | \$ 3,000.00 \$ | 3,000.00 | \$ 3,600.00 | \$ 3,600.00 | \$ 6,500.00 | 6,500.00 | \$ 4,750.00 | \$ 4,750.00 | \$ 1,500.00 | \$ 1,500.00 |
| | New 4'x4' Frame and Grate Aircraft Rated | 1 | Each | | 5,000.00 | \$ 7,200.00 | | | | | | \$ 2,000.00 | |
| | 15-inch RCP Blind Connection | 2 | Each | | 1,100.00 | \$ 1,800.00 | | | | | | | |
| | Type 4R Catch Basin 6' Deep | 1 | Each | | 3,000.00 | \$ 3,500.00 | | | | | | \$ 7,500.00 | |
| D-754-1 D-754-2 | Concrete Valley Gutter Concrete Valley Gutter - Access Road | 261 84 | L.F. | | 11,745.00 4,200.00 | \$ 55.00 \$ 50.00 | | | | | | | |
| D-754-2 D-754-3 | Concrete Median Curb | 155 | L.F. | | | \$ 40.00 | | | | | | | |
| | Concrete Median Curb with Variable Depth | 51 | L.F. | | 1,122.00 | \$ 75.00 | | | | | | \$ 100.00 | |
| | Concrete Curb and Gutter | 72 | L.F. | | 1,728.00 | \$ 55.00 | | | | | | \$ 50.00 | |
| F-162-1 | 6-foot Chain Link Fence | 521 | L.F. | \$ 28.00 \$ | 14,588.00 | \$ 28.00 | \$ 14,588.00 | \$ 26.00 \$ | 13,546.00 | \$ 40.00 | \$ 20,840.00 | \$ 30.00 | \$ 15,630.00 |
| F-162-2 | Extension Arms w/ Barbed Wire on Existing Fence | 975 | L.F. | \$ 3.50 \$ | 3,412.50 | \$ 3.00 | \$ 2,925.00 | \$ 3.30 | 3,217.50 | \$ 7.50 | \$ 7,312.50 | \$ 15.00 | \$ 14,625.00 |

| BID RESULTS ~ 3/4/2016 | | | GRANITE CONSTRUCTION | | SIERRA NEVADA CONSTRUCTION | | Q & D CONSTRUCTION | | SPANISH SPRINGS CONSTRUCTION | | ENGINEERS ESTIMATE | |
|---|---|--|---|--|---|--|--|--|--|---|--|---|
| ITEM DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| F-162-3 24-foot Double Swing Gate | 1 | Each | \$ 2,000.00 \$ | 2,000.00 | \$ 1,900.00 \$ | 1,900.00 | \$ 1,900.00 | \$ 1,900.00 | \$ 2,400.00 \$ | 3,400.00 | \$ 10,000.00 | \$ 10,000.00 |
| F-162-4 20-foot Automatic Cantilever Gate | 1 | | \$ 14,500.00 \$ | 1 1,000100 | \$ 13,300.00 \$ | 13,300.00 | | | | | \$ 30,000.00 | |
| T-902-1 Dust Palliative | | | \$ 0.30 \$ | | \$ 0.30 \$ | 2,722.80 | | | | | \$ 1.00 | |
| 26000-1 Electrical Demolition | | | \$ 2,000.00 \$ | | \$ 2,000.00 \$ | _,000.00 | \$ 2,000.00 \$ 10,000.00 | | \$ 2,100.00 \$ | | \$ 4,000.00 | |
| 26000-2 NV Energy Fees and Service Contract (Allowance) 26000-3 Main Service Pedestal | | Allow L.S. | \$ 10,000.00 \$ \$ 7,700.00 \$ | 10,000.00 7,700.00 | \$ 10,000.00 \$ \$ 7,900.00 \$ | 3 10,000.00 3 7,900.00 | | · · · · · · · · · · · · · · · · · · · | \$ 10,000.00 \$ \$ 8,000.00 \$ | | \$ 10,000.00 5 7,000.00 5 | \$ 10,000.00 \$ 7,000.00 |
| 26000-4 Complete Tower (Foundation, Tower, Fixtures, Fixture Breakers) | | Each | \$ 15,000.00 \$ | 120,000.00 | \$ 15,500.00 \$ | 124,000.00 | \$ 15,000.00 | | | | \$ 15,000.00 | \$ 120,000.00 |
| 26000-5 (2) 2-inch Conduit, Concrete Encased | | | \$ 27.00 \$ | 12,150.00 | \$ 27.00 \$ | 5 12,150.00 | | · · · · · · · · · · · · · · · · · · · | | | \$ 30.65 | |
| 26000-6 (1) 2-inch Conduit, Direct Buried | | | \$ 18.00 \$ | 14,400.00 | \$ 18.00 \$ | 14,400.00 | | | | | \$ 10.50 | |
| 26000-7 600V Cable (AWG #10, #6, #4) | | L.F. | | 15,900.00 | \$ 1.40 \$ | 14,840.00 | | | | | \$ 2.00 | |
| 26000-8 Electrical Pullbox, Traffic Rated, H-20 | 8 | Each | · | 13,600.00 | \$ 1,700.00 \$ | 13,600.00 | | | | | \$ 1,175.00 | + -, |
| BASE BID SUBTOTAL | | | \$ | 2,352,352.00 | | 2,784,007.00 | | \$ 2,850,000.00 | 3 | 3,073,444.00 | | \$ 2,982,480.25 |
| DEDUCTIVE ALTERNATIVE #1 - PERIMETER FENCE | | | | | | | I | | | | | |
| ITEM DESCRIPTION | | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| P-104-7-D1 Remove Existing Chain Link Fence and Manual Gates | | | \$ 6.00 \$ | | \$ 5.00 \$ | 0,100.00 | | | | | \$ 10.00 | |
| F-162-1-D1 6-foot Chain Link Fence | | | \$ 28.00 \$ | 14,588.00 | \$ 28.00 \$ | 14,588.00 | \$ 26.00 | | \$ 40.00 \$ | | \$ 30.00 | |
| F-162-2-D1 Extension Arms w/ Barbed Wire on Existing Fence F-162-3-D1 24-foot Double Swing Gates | | L.F. Each | | 3,412.50 2,000.00 | \$ 3.00 \$ \$ 1,900.00 \$ | 2,925.00 1,900.00 | \$ 3.30 \$ 1,900.00 | | | | \$ 15.00 \$ 10,000.00 | |
| DEDUCTIVE ALTERNATIVE #1 SUBTOTAL | ı ı | Lacii | \$ 2,000.00 \$ | 24,548.50 | \$ 1,900.00 \$ | 3 1,900.00 3 23,203.00 | | \$ 23,969.50 | \$ 2,400.00 \$ | 36,464.90 | φ 10,000.00 | ' |
| DEDUCTIVE ALTERNATIVE #2 - APRON LIGHTING | | | <u> </u> | ,5 .5.50 | 1 | | I <u> </u> | | * | 25, 10 1100 | <u> </u> | , |
| ITEM DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| 26000-2-D2 NV Energy Fees and Service Contract (Allowance) | | Allow | \$ 10,000.00 \$ | | \$ 10,000.00 S | 10,000.00 | \$ 10,000.00 | | \$ 10,000.00 \$ | | \$ 10,000.00 | |
| 26000-3-D2 Main Service Pedestal | 1 | L.S. | \$ 7,700.00 \$ | 7,700.00 | \$ 7,900.00 | 7,900.00 | \$ 7,600.00 | , | \$ 8,000.00 | | | \$ 7,000.00 |
| 26000-4-D2 Complete Tower (Foundation, Tower, Fixtures, Fixture Breakers) | 8 | Each | \$ 15,000.00 \$ | 120,000.00 | \$ 15,500.00 | 124,000.00 | \$ 15,000.00 | \$ 120,000.00 | \$ 15,750.00 | | | \$ 120,000.00 |
| 26000-6-D2 (1) 2-inch Conduit, Direct Buried | | | \$ 18.00 \$ | 14,400.00 | \$ 18.00 | 3 14,400.00 | \$ 27.00 | \$ 21,600.00 | \$ 18.00 \$ | | \$ 10.50 | <u> </u> |
| 26000-7-D2 600V Cable (AWG #10, #6, #4) | | | \$ 1.50 \$ | 15,900.00 | \$ 1.40 \$ | 14,840.00 | \$ 1.40 | | \$ 1.40 \$ | | \$ 2.00 | \$ 21,200.00 |
| 26000-8-D2 Electrical Pullbox, Traffic Rated, H-20 | 8 | Each | \$ 1,700.00 \$ | 13,600.00 | \$ 1,700.00 | 13,600.00 | \$ 1,700.00 | | \$ 1,750.00 \$ | | \$ 1,175.00 | \$ 9,400.00 |
| DEDUCTIVE ALTERNATIVE #2 SUBTOTAL | | | \$ | 181,600.00 | 9 | 184,740.00 | | \$ 187,640.00 | \$ | 187,240.00 | ! | \$ 176,000.00 |
| DEDUCTIVE ALTERNATIVE #3 - ACCESS ROAD | | | | | | | | | | | | |
| ITEM DESCRIPTION | OTV | LINUT | LIMIT DOLOE | AMOUNT | UNIT PRICE | AMOUNT | LINIT DDICE | AMOUNT | LIMIT DDICE | AMOUNT | LINUT DDIOE | AMOUNT |
| TIEM DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road | | S.Y. | \$ 1.70 \$ | 1,643.90 | | | | | | | \$ 2.00 | |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road | 967 | S.Y. | \$ 1.70 \$ \$ 2,000.00 \$ | 1,643.90 2,000.00 | \$ 3.40 \$ \$ 3,500.00 \$ | 3,287.80 3,500.00 | \$ 7.00 \$ 1,250.00 | \$ 6,769.00 \$ 1,250.00 | \$ 1.70 \$ \$ 3,265.00 \$ | 1,643.90 3,265.00 | \$ 2.00 \$ \$ 8,000.00 | \$ 1,934.00 \$ 8,000.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road | 967 1 967 | S.Y. S.Y. S.Y. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ | 1,643.90 2,000.00 8,703.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ | 3,287.80 3,500.00 8,703.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ | 1,643.90 3,265.00 9,524.95 | \$ 2.00 \$ 8,000.00 \$ 7.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road | 967 1 967 967 | S.Y. S.Y. S.Y. S.Y. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 | \$ 2.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road | 967 1 967 967 396 | S.Y. S.Y. S.Y. S.Y. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ 2.50 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road | 967 1 967 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 2.50 \$ \$ \$ 0.60 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 4,452.00 44,569.85 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 4,452.00 44,569.85 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road BASE BID CONSTRUCTION SUBTOTAL Airport Administration | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 2,784,007.00 20,245.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 4,452.00 44,569.85 3,073,444.00 20,245.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 97.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 97.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 97.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 74,903.00 \$ 3,375,128.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ \$ 100.00 \$ \$ 50.00 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 97.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,4159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 202,665.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,4159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 3,029,665.00 \$ 3,218,678.50 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 3,287.80 3,500.00 8,703.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 10,945.25 \$ 3,327,293.25 \$ 3,119,337.42 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 3,500.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ 50.00 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,4159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 3,029,665.00 \$ 3,218,678.50 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ | 3,287.80 3,500.00 8,703.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 10,945.25 \$ 3,327,293.25 \$ 3,119,337.42 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ | 3,287.80 3,500.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 202,665.00 \$ 3,218,678.50 \$ 3,017,511.09 \$ 201,167.41 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 214,351.69 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 \$ 3,119,337.42 \$ 207,955.83 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #2 | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ \$ 3 \$ | 3,287.80 3,500.00 8,703.00 8,703.00 23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,242,648.00 \$ 3,039,983.00 \$ 302,665.00 \$ 3,017,511.09 \$ 201,167.41 \$ 3,055,008.00 | \$ 1.70 \$ 3,265.00 \$ \$ 9.85 \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 214,351.69 3,278,852.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 \$ 60.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 10,945.25 \$ 3,119,337.42 \$ 207,955.83 \$ 3,199,128.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 2,563,400.00 2,403,187.50 160,212.50 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ | 3,287.80 3,500.00 8,703.00 3,500.00 8,703.00 3,23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 44,159.80 2,784,007.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 2,991,915.00 2,804,920.31 186,994.69 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 \$ 3,017,511.09 \$ 201,167.41 \$ 3,055,008.00 \$ 2,864,070.00 \$ 190,938.00 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ \$ 53.00 \$ \$ \$ 3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,249,461.00 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 \$ 60.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 \$ 3,119,337.42 \$ 207,955.83 \$ 3,199,128.25 \$ 2,999,182.73 \$ 199,945.52 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 2,563,400.00 2,403,187.50 160,212.50 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ | 3,287.80 3,500.00 8,703.00 3,500.00 8,703.00 3,23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 4,200.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 2,991,915.00 2,804,920.31 186,994.69 3,132,495.20 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 \$ 3,017,511.09 \$ 201,167.41 \$ 3,055,008.00 \$ 2,864,070.00 \$ 190,938.00 \$ 3,197,179.90 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ \$ 53.00 \$ \$ \$ 3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 4,4569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 214,351.69 3,278,852.00 3,073,923.75 204,928.25 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 \$ 60.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 \$ 3,119,337.42 \$ 207,955.83 \$ 3,199,128.25 \$ 3,199,128.25 \$ 3,329,868.00 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #3 FAA SHARE 93.75% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 2,563,400.00 2,403,187.50 160,212.50 2,708,824.10 2,539,522.59 | \$ 3,40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 2.50 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ | 3,287.80 3,500.00 8,703.00 8,703.00 3,23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 4,200.00 20,245.00 297,500.00 74,903.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 2,991,915.00 2,804,920.31 186,994.69 3,132,495.20 2,936,714.25 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 \$ 3,017,511.09 \$ 3,017,511.09 \$ 3,017,511.09 \$ 201,167.41 \$ 3,055,008.00 \$ 2,864,070.00 \$ 190,938.00 \$ 3,197,179.90 \$ 2,997,356.16 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ \$ 53.00 \$ \$ \$ 3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 4,452.00 44,569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,249,461.00 216,631.00 3,429,627.10 3,215,275.41 214,351.69 3,278,852.00 3,073,923.75 204,928.25 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 \$ 60.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 \$ 3,119,337.42 \$ 207,955.83 \$ 3,199,128.25 \$ 2,999,182.73 \$ 199,945.52 \$ 3,329,868.00 \$ 3,121,751.25 |
| P-104-2-D3 Pulverize/Remove 10-inches of Existing Pavement - Access Road P-152-2-D3 Unclassified Excavation and Embankment - Access Road P-301-3-D3 6-inch Soil-Cement Base Course - Access Road P-401S-2-D3 4-inch Bituminous Surface Course - Access Road P-611-2-D3 Asphalt Concrete Sawcut Control Joints - Access Road P-620-2-D3 4-inch Solid Yellow Stripe - Access Road P-620-8-D3 Handicap Parking Symbol - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road D-754-2-D3 Concrete Valley Gutter - Access Road DEDUCTIVE ALTERNATIVE #3 SUBTOTAL BASE BID CONSTRUCTION SUBTOTAL Airport Administration Construction Management AGIS Survey TOTAL PROJECT COST FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST W/ DEDUCTIVE ALTERNATIVE #1 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | 967 1 967 967 396 285 | S.Y. S.Y. S.Y. S.Y. L.F. L.F. | \$ 1.70 \$ \$ 2,000.00 \$ \$ 9.00 \$ \$ 18.00 \$ \$ 3.00 \$ \$ 1.00 \$ \$ 750.00 \$ | 1,643.90 2,000.00 8,703.00 17,406.00 1,188.00 285.00 750.00 4,200.00 36,175.90 2,352,352.00 20,245.00 297,500.00 74,903.00 2,745,000.00 2,573,438.00 171,562.00 2,720,451.50 2,550,423.28 170,028.22 2,563,400.00 2,403,187.50 160,212.50 | \$ 3.40 \$ \$ 3,500.00 \$ \$ 9.00 \$ \$ 24.00 \$ \$ \$ 0.60 \$ \$ 100.00 \$ \$ 50.00 \$ \$ \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ 3 \$ | 3,287.80 3,500.00 8,703.00 8,703.00 3,23,208.00 990.00 171.00 100.00 4,200.00 4,200.00 4,200.00 20,245.00 297,500.00 74,903.00 3,176,655.00 2,978,114.00 198,541.00 3,153,452.00 2,956,361.25 197,090.75 2,991,915.00 2,804,920.31 186,994.69 3,132,495.20 2,936,714.25 | \$ 7.00 \$ 1,250.00 \$ 8.00 \$ 23.00 \$ 1.85 \$ 1.50 \$ 180.00 | \$ 6,769.00 \$ 1,250.00 \$ 7,736.00 \$ 22,241.00 \$ 732.60 \$ 427.50 \$ 180.00 \$ 6,132.00 \$ 45,468.10 \$ 2,850,000.00 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,039,983.00 \$ 3,039,983.00 \$ 3,017,511.09 \$ 3,017,511.09 \$ 201,167.41 \$ 3,055,008.00 \$ 2,864,070.00 \$ 190,938.00 \$ 3,197,179.90 | \$ 1.70 \$ \$ 3,265.00 \$ \$ 9.85 \$ \$ \$ 24.00 \$ \$ 5.00 \$ \$ 1.40 \$ \$ 97.00 \$ \$ 53.00 \$ \$ \$ 3 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ | 1,643.90 3,265.00 9,524.95 23,208.00 1,980.00 399.00 4,452.00 4,4569.85 3,073,444.00 20,245.00 297,500.00 74,903.00 3,466,092.00 3,249,461.00 216,631.00 3,215,275.41 214,351.69 3,278,852.00 3,073,923.75 204,928.25 | \$ 2.00 \$ 8,000.00 \$ 7.00 \$ 23.00 \$ 2.25 \$ 0.65 \$ 200.00 \$ 60.00 | \$ 1,934.00 \$ 8,000.00 \$ 6,769.00 \$ 22,241.00 \$ 891.00 \$ 185.25 \$ 200.00 \$ 5,040.00 \$ 45,260.25 \$ 2,982,480.25 \$ 20,245.00 \$ 297,500.00 \$ 74,903.00 \$ 3,375,128.25 \$ 3,164,183.00 \$ 210,945.25 \$ 3,119,337.42 \$ 207,955.83 \$ 3,199,128.25 \$ 3,199,128.25 \$ 3,329,868.00 |
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| BID RESULTS ~ 3/4/2016 | | | GRANITE CONSTRUCTION | | SIERRA NEVADA CONSTRUCTION | | Q & D CONSTRUCTION | | SPANISH SPRINGS CONSTRUCTION | | ENGINEERS ESTIMATE | | |
|------------------------|--|----------|----------------------|------------|---|------------|--|------------|---|------------|---|------------|--|
| ITEM | DESCRIPTION | QTY | UNIT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT |
| | TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #1 at FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | nd #3 | | | \$ 2,684,275.60 \$ 2,516,508.38 \$ 167,767.23 | | 3,109,292.20 \$ 2,914,961.44 \$ 194,330.76 | | \$ 3,173,210.40 \$ 2,974,884.75 \$ 198,325.65 | | 3,385,057.25 \$ 3,173,491.17 \$ 211,566.08 | | \$ 3,282,033.00 \$ 3,076,905.94 \$ 205,127.06 |
| | TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #2 at FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | nd #3 | | | \$ 2,527,224.10 \$ 2,369,272.59 \$ 157,951.51 | | \$ 2,947,755.20 \$ 2,763,520.50 \$ 184,234.70 | | \$ 3,009,539.90 \$ 2,821,443.66 \$ 188,096.24 | | 3,234,282.15 \$ 3,032,139.52 \$ 202,142.63 | | \$ 3,153,868.00 \$ 2,956,751.25 \$ 197,116.75 |
| | TOTAL PROJECT COST w/ DEDUCTIVE ALTERNATIVE #1 at FAA SHARE 93.75% SPONSOR'S SHARE 6.25% | nd #2 an | nd #3 | | \$ 2,502,675.60 \$ 2,346,258.38 \$ 156,417.23 | | \$ 2,924,552.20 \$ 2,741,767.69 \$ 182,784.51 | | \$ 2,985,570.40 \$ 2,798,972.25 \$ 186,598.15 | | 3,197,817.25 \$ 2,997,953.67 \$ 199,863.58 | | \$ 3,106,033.00 \$ 2,911,905.94 \$ 194,127.06 |

Carson City Airport 2016 Project North Apron Reconstruction



North Apron looking north from the perimeter road



Typical raveling near the main taxilane in the north apron



Typical cracking in the north apron pavement



Alligator cracking in the main taxilane in the north apron

Carson City Airport 2016 Project North Apron Reconstruction



Typical edge of apron pavement at the apron access road



Failing pavement patch through the main taxilane to Taxiway D



Typical raveling/alligator cracking near the main taxilane in the north apron



Inadequate drainage feature at the main taxilane to Taxiway D



ASSURANCES

Airport Sponsors

A. General.

- 1. These assurances shall be complied with in the performance of grant agreements for airport development, airport planning, and noise compatibility program grants for airport sponsors.
- 2. These assurances are required to be submitted as part of the project application by sponsors requesting funds under the provisions of Title 49, U.S.C., subtitle VII, as amended. As used herein, the term "public agency sponsor" means a public agency with control of a public-use airport; the term "private sponsor" means a private owner of a public-use airport; and the term "sponsor" includes both public agency sponsors and private sponsors.
- 3. Upon acceptance of this grant offer by the sponsor, these assurances are incorporated in and become part of this grant agreement.

B. Duration and Applicability.

1. Airport development or Noise Compatibility Program Projects Undertaken by a Public Agency Sponsor.

The terms, conditions and assurances of this grant agreement shall remain in full force and effect throughout the useful life of the facilities developed or equipment acquired for an airport development or noise compatibility program project, or throughout the useful life of the project items installed within a facility under a noise compatibility program project, but in any event not to exceed twenty (20) years from the date of acceptance of a grant offer of Federal funds for the project. However, there shall be no limit on the duration of the assurances regarding Exclusive Rights and Airport Revenue so long as the airport is used as an airport. There shall be no limit on the duration of the terms, conditions, and assurances with respect to real property acquired with federal funds. Furthermore, the duration of the Civil Rights assurance shall be specified in the assurances.

2. Airport Development or Noise Compatibility Projects Undertaken by a Private Sponsor.

The preceding paragraph 1 also applies to a private sponsor except that the useful life of project items installed within a facility or the useful life of the facilities developed or equipment acquired under an airport development or noise compatibility program project shall be no less than ten (10) years from the date of acceptance of Federal aid for the project.

3. Airport Planning Undertaken by a Sponsor.

Unless otherwise specified in this grant agreement, only Assurances 1, 2, 3, 5, 6, 13, 18, 25, 30, 32, 33, and 34 in Section C apply to planning projects. The terms, conditions, and assurances of this grant agreement shall remain in full force and effect during the life of the project; there shall be no limit on the duration of the assurances regarding Airport Revenue so long as the airport is used as an airport.

C. Sponsor Certification.

The sponsor hereby assures and certifies, with respect to this grant that:

1. General Federal Requirements.

It will comply with all applicable Federal laws, regulations, executive orders, policies, guidelines, and requirements as they relate to the application, acceptance and use of Federal funds for this project including but not limited to the following:

Federal Legislation

- a. Title 49, U.S.C., subtitle VII, as amended.
- b. Davis-Bacon Act 40 U.S.C. 276(a), et seq.¹
- c. Federal Fair Labor Standards Act 29 U.S.C. 201, et seq.
- d. Hatch Act 5 U.S.C. 1501, et seq.²
- e. Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 Title 42 U.S.C. 4601, et seq. 12
- f. National Historic Preservation Act of 1966 Section 106 16 U.S.C. 470(f).
- g. Archeological and Historic Preservation Act of 1974 16 U.S.C. 469 through 469c.¹
- h. Native Americans Grave Repatriation Act 25 U.S.C. Section 3001, et seg.
- i. Clean Air Act, P.L. 90-148, as amended.
- j. Coastal Zone Management Act, P.L. 93-205, as amended.
- k. Flood Disaster Protection Act of 1973 Section 102(a) 42 U.S.C. 4012a.
- 1. Title 49, U.S.C., Section 303, (formerly known as Section 4(f))
- m. Rehabilitation Act of 1973 29 U.S.C. 794.
- n. Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252) (prohibits discrimination on the basis of race, color, national origin);
- o. Americans with Disabilities Act of 1990, as amended, (42 U.S.C. § 12101 et seq.), prohibits discrimination on the basis of disability).
- p. Age Discrimination Act of 1975 42 U.S.C. 6101, et seq.
- q. American Indian Religious Freedom Act, P.L. 95-341, as amended.
- r. Architectural Barriers Act of 1968 -42 U.S.C. 4151, et seq. 1
- s. Power plant and Industrial Fuel Use Act of 1978 Section 403 2 U.S.C. 8373.
- t. Contract Work Hours and Safety Standards Act 40 U.S.C. 327, et seq. 1
- u. Copeland Anti-kickback Act 18 U.S.C. 874.1
- v. National Environmental Policy Act of 1969 42 U.S.C. 4321, et seq. 1
- w. Wild and Scenic Rivers Act, P.L. 90-542, as amended.
- x. Single Audit Act of 1984 31 U.S.C. 7501, et seq.²
- y. Drug-Free Workplace Act of 1988 41 U.S.C. 702 through 706.

z. The Federal Funding Accountability and Transparency Act of 2006, as amended (Pub. L. 109-282, as amended by section 6202 of Pub. L. 110-252).

Executive Orders

- a. Executive Order 11246 Equal Employment Opportunity¹
- b. Executive Order 11990 Protection of Wetlands
- c. Executive Order 11998 Flood Plain Management
- d. Executive Order 12372 Intergovernmental Review of Federal Programs
- e. Executive Order 12699 Seismic Safety of Federal and Federally Assisted New Building Construction¹
- f. Executive Order 12898 Environmental Justice

Federal Regulations

- a. 2 CFR Part 180 OMB Guidelines to Agencies on Governmentwide Debarment and Suspension (Nonprocurement).
- b. 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards. [OMB Circular A-87 Cost Principles Applicable to Grants and Contracts with State and Local Governments, and OMB Circular A-133 - Audits of States, Local Governments, and Non-Profit Organizations].^{4, 5, 6}
- c. 2 CFR Part 1200 Nonprocurement Suspension and Debarment
- d. 14 CFR Part 13 Investigative and Enforcement Procedures 14 CFR Part 16 Rules of Practice For Federally Assisted Airport Enforcement Proceedings.
- e. 14 CFR Part 150 Airport noise compatibility planning.
- f. 28 CFR Part 35- Discrimination on the Basis of Disability in State and Local Government Services.
- g. 28 CFR § 50.3 U.S. Department of Justice Guidelines for Enforcement of Title VI of the Civil Rights Act of 1964.
- h. 29 CFR Part 1 Procedures for predetermination of wage rates.¹
- i. 29 CFR Part 3 Contractors and subcontractors on public building or public work financed in whole or part by loans or grants from the United States. ¹
- j. 29 CFR Part 5 Labor standards provisions applicable to contracts covering federally financed and assisted construction (also labor standards provisions applicable to non-construction contracts subject to the Contract Work Hours and Safety Standards Act).¹
- k. 41 CFR Part 60 Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor (Federal and federally assisted contracting requirements).¹
- 1. 49 CFR Part 18 Uniform administrative requirements for grants and cooperative agreements to state and local governments.³
- m. 49 CFR Part 20 New restrictions on lobbying.
- n. 49 CFR Part 21 Nondiscrimination in federally-assisted programs of the Department of Transportation effectuation of Title VI of the Civil Rights Act of 1964
- o. 49 CFR Part 23 Participation by Disadvantage Business Enterprise in Airport Concessions.

- p. 49 CFR Part 24 Uniform Relocation Assistance and Real Property Acquisition for Federal and Federally Assisted Programs. 12
- q. 49 CFR Part 26 Participation by Disadvantaged Business Enterprises in Department of Transportation Programs.
- r. 49 CFR Part 27 Nondiscrimination on the Basis of Handicap in Programs and Activities Receiving or Benefiting from Federal Financial Assistance.¹
- s. 49 CFR Part 28 Enforcement of Nondiscrimination on the Basis of Handicap in Programs or Activities conducted by the Department of Transportation.
- t. 49 CFR Part 30 Denial of public works contracts to suppliers of goods and services of countries that deny procurement market access to U.S. contractors.
- u. 49 CFR Part 32 Governmentwide Requirements for Drug-Free Workplace (Financial Assistance)
- v. 49 CFR Part 37 Transportation Services for Individuals with Disabilities (ADA).
- w. 49 CFR Part 41 Seismic safety of Federal and federally assisted or regulated new building construction.

Specific Assurances

Specific assurances required to be included in grant agreements by any of the above laws, regulations or circulars are incorporated by reference in this grant agreement.

Footnotes to Assurance C.1.

- ¹ These laws do not apply to airport planning sponsors.
- ² These laws do not apply to private sponsors.
- ³ 49 CFR Part 18 and 2 CFR Part 200 contain requirements for State and Local Governments receiving Federal assistance. Any requirement levied upon State and Local Governments by this regulation and circular shall also be applicable to private sponsors receiving Federal assistance under Title 49, United States Code.
- On December 26, 2013 at 78 FR 78590, the Office of Management and Budget (OMB) issued the Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards in 2 CFR Part 200. 2 CFR Part 200 replaces and combines the former Uniform Administrative Requirements for Grants (OMB Circular A-102 and Circular A-110 or 2 CFR Part 215 or Circular) as well as the Cost Principles (Circulars A-21 or 2 CFR part 220; Circular A-87 or 2 CFR part 225; and A-122, 2 CFR part 230). Additionally it replaces Circular A-133 guidance on the Single Annual Audit. In accordance with 2 CFR section 200.110, the standards set forth in Part 200 which affect administration of Federal awards issued by Federal agencies become effective once implemented by Federal agencies or when any future amendment to this Part becomes final. Federal agencies, including the Department of Transportation, must implement the policies and procedures applicable to Federal awards by promulgating a regulation to be effective by December 26, 2014 unless different provisions are required by statute or approved by OMB.

- ⁵ Cost principles established in 2 CFR part 200 subpart E must be used as guidelines for determining the eligibility of specific types of expenses.
- ⁶ Audit requirements established in 2 CFR part 200 subpart F are the guidelines for audits.

2. Responsibility and Authority of the Sponsor.

a. Public Agency Sponsor:

It has legal authority to apply for this grant, and to finance and carry out the proposed project; that a resolution, motion or similar action has been duly adopted or passed as an official act of the applicant's governing body authorizing the filing of the application, including all understandings and assurances contained therein, and directing and authorizing the person identified as the official representative of the applicant to act in connection with the application and to provide such additional information as may be required.

b. Private Sponsor:

It has legal authority to apply for this grant and to finance and carry out the proposed project and comply with all terms, conditions, and assurances of this grant agreement. It shall designate an official representative and shall in writing direct and authorize that person to file this application, including all understandings and assurances contained therein; to act in connection with this application; and to provide such additional information as may be required.

3. Sponsor Fund Availability.

It has sufficient funds available for that portion of the project costs which are not to be paid by the United States. It has sufficient funds available to assure operation and maintenance of items funded under this grant agreement which it will own or control.

4. Good Title.

- a. It, a public agency or the Federal government, holds good title, satisfactory to the Secretary, to the landing area of the airport or site thereof, or will give assurance satisfactory to the Secretary that good title will be acquired.
- b. For noise compatibility program projects to be carried out on the property of the sponsor, it holds good title satisfactory to the Secretary to that portion of the property upon which Federal funds will be expended or will give assurance to the Secretary that good title will be obtained.

5. Preserving Rights and Powers.

a. It will not take or permit any action which would operate to deprive it of any of the rights and powers necessary to perform any or all of the terms, conditions, and assurances in this grant agreement without the written approval of the Secretary, and will act promptly to acquire, extinguish or modify any outstanding rights or claims of right of others which would interfere with such performance by the sponsor. This shall be done in a manner acceptable to the Secretary.

- b. It will not sell, lease, encumber, or otherwise transfer or dispose of any part of its title or other interests in the property shown on Exhibit A to this application or, for a noise compatibility program project, that portion of the property upon which Federal funds have been expended, for the duration of the terms, conditions, and assurances in this grant agreement without approval by the Secretary. If the transferee is found by the Secretary to be eligible under Title 49, United States Code, to assume the obligations of this grant agreement and to have the power, authority, and financial resources to carry out all such obligations, the sponsor shall insert in the contract or document transferring or disposing of the sponsor's interest, and make binding upon the transferee all of the terms, conditions, and assurances contained in this grant agreement.
- c. For all noise compatibility program projects which are to be carried out by another unit of local government or are on property owned by a unit of local government other than the sponsor, it will enter into an agreement with that government. Except as otherwise specified by the Secretary, that agreement shall obligate that government to the same terms, conditions, and assurances that would be applicable to it if it applied directly to the FAA for a grant to undertake the noise compatibility program project. That agreement and changes thereto must be satisfactory to the Secretary. It will take steps to enforce this agreement against the local government if there is substantial non-compliance with the terms of the agreement.
- d. For noise compatibility program projects to be carried out on privately owned property, it will enter into an agreement with the owner of that property which includes provisions specified by the Secretary. It will take steps to enforce this agreement against the property owner whenever there is substantial noncompliance with the terms of the agreement.
- e. If the sponsor is a private sponsor, it will take steps satisfactory to the Secretary to ensure that the airport will continue to function as a public-use airport in accordance with these assurances for the duration of these assurances.
- f. If an arrangement is made for management and operation of the airport by any agency or person other than the sponsor or an employee of the sponsor, the sponsor will reserve sufficient rights and authority to insure that the airport will be operated and maintained in accordance Title 49, United States Code, the regulations and the terms, conditions and assurances in this grant agreement and shall insure that such arrangement also requires compliance therewith.
- g. Sponsors of commercial service airports will not permit or enter into any arrangement that results in permission for the owner or tenant of a property used as a residence, or zoned for residential use, to taxi an aircraft between that property and any location on airport. Sponsors of general aviation airports entering into any arrangement that results in permission for the owner of residential real property adjacent to or near the airport must comply with the requirements of Sec. 136 of Public Law 112-95 and the sponsor assurances.

6. Consistency with Local Plans.

The project is reasonably consistent with plans (existing at the time of submission of this application) of public agencies that are authorized by the State in which the project is located to plan for the development of the area surrounding the airport.

7. Consideration of Local Interest.

It has given fair consideration to the interest of communities in or near where the project may be located.

8. Consultation with Users.

In making a decision to undertake any airport development project under Title 49, United States Code, it has undertaken reasonable consultations with affected parties using the airport at which project is proposed.

9. Public Hearings.

In projects involving the location of an airport, an airport runway, or a major runway extension, it has afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport or runway location and its consistency with goals and objectives of such planning as has been carried out by the community and it shall, when requested by the Secretary, submit a copy of the transcript of such hearings to the Secretary. Further, for such projects, it has on its management board either voting representation from the communities where the project is located or has advised the communities that they have the right to petition the Secretary concerning a proposed project.

10. Metropolitan Planning Organization.

In projects involving the location of an airport, an airport runway, or a major runway extension at a medium or large hub airport, the sponsor has made available to and has provided upon request to the metropolitan planning organization in the area in which the airport is located, if any, a copy of the proposed amendment to the airport layout plan to depict the project and a copy of any airport master plan in which the project is described or depicted.

11. Pavement Preventive Maintenance.

With respect to a project approved after January 1, 1995, for the replacement or reconstruction of pavement at the airport, it assures or certifies that it has implemented an effective airport pavement maintenance-management program and it assures that it will use such program for the useful life of any pavement constructed, reconstructed or repaired with Federal financial assistance at the airport. It will provide such reports on pavement condition and pavement management programs as the Secretary determines may be useful.

12. Terminal Development Prerequisites.

For projects which include terminal development at a public use airport, as defined in Title 49, it has, on the date of submittal of the project grant application, all the safety equipment required for certification of such airport under section 44706 of Title 49, United States Code, and all the security equipment required by rule or regulation, and

has provided for access to the passenger enplaning and deplaning area of such airport to passengers enplaning and deplaning from aircraft other than air carrier aircraft.

13. Accounting System, Audit, and Record Keeping Requirements.

- a. It shall keep all project accounts and records which fully disclose the amount and disposition by the recipient of the proceeds of this grant, the total cost of the project in connection with which this grant is given or used, and the amount or nature of that portion of the cost of the project supplied by other sources, and such other financial records pertinent to the project. The accounts and records shall be kept in accordance with an accounting system that will facilitate an effective audit in accordance with the Single Audit Act of 1984.
- b. It shall make available to the Secretary and the Comptroller General of the United States, or any of their duly authorized representatives, for the purpose of audit and examination, any books, documents, papers, and records of the recipient that are pertinent to this grant. The Secretary may require that an appropriate audit be conducted by a recipient. In any case in which an independent audit is made of the accounts of a sponsor relating to the disposition of the proceeds of a grant or relating to the project in connection with which this grant was given or used, it shall file a certified copy of such audit with the Comptroller General of the United States not later than six (6) months following the close of the fiscal year for which the audit was made.

14. Minimum Wage Rates.

It shall include, in all contracts in excess of \$2,000 for work on any projects funded under this grant agreement which involve labor, provisions establishing minimum rates of wages, to be predetermined by the Secretary of Labor, in accordance with the Davis-Bacon Act, as amended (40 U.S.C. 276a-276a-5), which contractors shall pay to skilled and unskilled labor, and such minimum rates shall be stated in the invitation for bids and shall be included in proposals or bids for the work.

15. Veteran's Preference.

It shall include in all contracts for work on any project funded under this grant agreement which involve labor, such provisions as are necessary to insure that, in the employment of labor (except in executive, administrative, and supervisory positions), preference shall be given to Vietnam era veterans, Persian Gulf veterans, Afghanistan-Iraq war veterans, disabled veterans, and small business concerns owned and controlled by disabled veterans as defined in Section 47112 of Title 49, United States Code. However, this preference shall apply only where the individuals are available and qualified to perform the work to which the employment relates.

16. Conformity to Plans and Specifications.

It will execute the project subject to plans, specifications, and schedules approved by the Secretary. Such plans, specifications, and schedules shall be submitted to the Secretary prior to commencement of site preparation, construction, or other performance under this grant agreement, and, upon approval of the Secretary, shall be incorporated into this grant agreement. Any modification to the approved plans,

specifications, and schedules shall also be subject to approval of the Secretary, and incorporated into this grant agreement.

17. Construction Inspection and Approval.

It will provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Secretary for the project. It shall subject the construction work on any project contained in an approved project application to inspection and approval by the Secretary and such work shall be in accordance with regulations and procedures prescribed by the Secretary. Such regulations and procedures shall require such cost and progress reporting by the sponsor or sponsors of such project as the Secretary shall deem necessary.

18. Planning Projects.

In carrying out planning projects:

- a. It will execute the project in accordance with the approved program narrative contained in the project application or with the modifications similarly approved.
- b. It will furnish the Secretary with such periodic reports as required pertaining to the planning project and planning work activities.
- c. It will include in all published material prepared in connection with the planning project a notice that the material was prepared under a grant provided by the United States.
- d. It will make such material available for examination by the public, and agrees that no material prepared with funds under this project shall be subject to copyright in the United States or any other country.
- e. It will give the Secretary unrestricted authority to publish, disclose, distribute, and otherwise use any of the material prepared in connection with this grant.
- f. It will grant the Secretary the right to disapprove the sponsor's employment of specific consultants and their subcontractors to do all or any part of this project as well as the right to disapprove the proposed scope and cost of professional services.
- g. It will grant the Secretary the right to disapprove the use of the sponsor's employees to do all or any part of the project.
- h. It understands and agrees that the Secretary's approval of this project grant or the Secretary's approval of any planning material developed as part of this grant does not constitute or imply any assurance or commitment on the part of the Secretary to approve any pending or future application for a Federal airport grant.

19. Operation and Maintenance.

a. The airport and all facilities which are necessary to serve the aeronautical users of the airport, other than facilities owned or controlled by the United States, shall be operated at all times in a safe and serviceable condition and in accordance with the minimum standards as may be required or prescribed by applicable Federal,

state and local agencies for maintenance and operation. It will not cause or permit any activity or action thereon which would interfere with its use for airport purposes. It will suitably operate and maintain the airport and all facilities thereon or connected therewith, with due regard to climatic and flood conditions. Any proposal to temporarily close the airport for non-aeronautical purposes must first be approved by the Secretary. In furtherance of this assurance, the sponsor will have in effect arrangements for-

- 1) Operating the airport's aeronautical facilities whenever required;
- 2) Promptly marking and lighting hazards resulting from airport conditions, including temporary conditions; and
- 3) Promptly notifying airmen of any condition affecting aeronautical use of the airport. Nothing contained herein shall be construed to require that the airport be operated for aeronautical use during temporary periods when snow, flood or other climatic conditions interfere with such operation and maintenance. Further, nothing herein shall be construed as requiring the maintenance, repair, restoration, or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the sponsor.
- b. It will suitably operate and maintain noise compatibility program items that it owns or controls upon which Federal funds have been expended.

20. Hazard Removal and Mitigation.

It will take appropriate action to assure that such terminal airspace as is required to protect instrument and visual operations to the airport (including established minimum flight altitudes) will be adequately cleared and protected by removing, lowering, relocating, marking, or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

21. Compatible Land Use.

It will take appropriate action, to the extent reasonable, including the adoption of zoning laws, to restrict the use of land adjacent to or in the immediate vicinity of the airport to activities and purposes compatible with normal airport operations, including landing and takeoff of aircraft. In addition, if the project is for noise compatibility program implementation, it will not cause or permit any change in land use, within its jurisdiction, that will reduce its compatibility, with respect to the airport, of the noise compatibility program measures upon which Federal funds have been expended.

22. Economic Nondiscrimination.

- a. It will make the airport available as an airport for public use on reasonable terms and without unjust discrimination to all types, kinds and classes of aeronautical activities, including commercial aeronautical activities offering services to the public at the airport.
- b. In any agreement, contract, lease, or other arrangement under which a right or privilege at the airport is granted to any person, firm, or corporation to conduct or

to engage in any aeronautical activity for furnishing services to the public at the airport, the sponsor will insert and enforce provisions requiring the contractor to-

- 1) furnish said services on a reasonable, and not unjustly discriminatory, basis to all users thereof, and
- 2) charge reasonable, and not unjustly discriminatory, prices for each unit or service, provided that the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.
- c. Each fixed-based operator at the airport shall be subject to the same rates, fees, rentals, and other charges as are uniformly applicable to all other fixed-based operators making the same or similar uses of such airport and utilizing the same or similar facilities.
- d. Each air carrier using such airport shall have the right to service itself or to use any fixed-based operator that is authorized or permitted by the airport to serve any air carrier at such airport.
- e. Each air carrier using such airport (whether as a tenant, non-tenant, or subtenant of another air carrier tenant) shall be subject to such nondiscriminatory and substantially comparable rules, regulations, conditions, rates, fees, rentals, and other charges with respect to facilities directly and substantially related to providing air transportation as are applicable to all such air carriers which make similar use of such airport and utilize similar facilities, subject to reasonable classifications such as tenants or non-tenants and signatory carriers and non-signatory carriers. Classification or status as tenant or signatory shall not be unreasonably withheld by any airport provided an air carrier assumes obligations substantially similar to those already imposed on air carriers in such classification or status.
- f. It will not exercise or grant any right or privilege which operates to prevent any person, firm, or corporation operating aircraft on the airport from performing any services on its own aircraft with its own employees [including, but not limited to maintenance, repair, and fueling] that it may choose to perform.
- g. In the event the sponsor itself exercises any of the rights and privileges referred to in this assurance, the services involved will be provided on the same conditions as would apply to the furnishing of such services by commercial aeronautical service providers authorized by the sponsor under these provisions.
- h. The sponsor may establish such reasonable, and not unjustly discriminatory, conditions to be met by all users of the airport as may be necessary for the safe and efficient operation of the airport.
- i. The sponsor may prohibit or limit any given type, kind or class of aeronautical use of the airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

23. Exclusive Rights.

It will permit no exclusive right for the use of the airport by any person providing, or intending to provide, aeronautical services to the public. For purposes of this paragraph, the providing of the services at an airport by a single fixed-based operator shall not be construed as an exclusive right if both of the following apply:

- a. It would be unreasonably costly, burdensome, or impractical for more than one fixed-based operator to provide such services, and
- b. If allowing more than one fixed-based operator to provide such services would require the reduction of space leased pursuant to an existing agreement between such single fixed-based operator and such airport. It further agrees that it will not, either directly or indirectly, grant or permit any person, firm, or corporation, the exclusive right at the airport to conduct any aeronautical activities, including, but not limited to charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity, and that it will terminate any exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under Title 49, United States Code.

24. Fee and Rental Structure.

It will maintain a fee and rental structure for the facilities and services at the airport which will make the airport as self-sustaining as possible under the circumstances existing at the particular airport, taking into account such factors as the volume of traffic and economy of collection. No part of the Federal share of an airport development, airport planning or noise compatibility project for which a grant is made under Title 49, United States Code, the Airport and Airway Improvement Act of 1982, the Federal Airport Act or the Airport and Airway Development Act of 1970 shall be included in the rate basis in establishing fees, rates, and charges for users of that airport.

25. Airport Revenues.

- a. All revenues generated by the airport and any local taxes on aviation fuel established after December 30, 1987, will be expended by it for the capital or operating costs of the airport; the local airport system; or other local facilities which are owned or operated by the owner or operator of the airport and which are directly and substantially related to the actual air transportation of passengers or property; or for noise mitigation purposes on or off the airport. The following exceptions apply to this paragraph:
 - 1) If covenants or assurances in debt obligations issued before September 3, 1982, by the owner or operator of the airport, or provisions enacted before September 3, 1982, in governing statutes controlling the owner or operator's financing, provide for the use of the revenues from any of the airport owner or

- operator's facilities, including the airport, to support not only the airport but also the airport owner or operator's general debt obligations or other facilities, then this limitation on the use of all revenues generated by the airport (and, in the case of a public airport, local taxes on aviation fuel) shall not apply.
- 2) If the Secretary approves the sale of a privately owned airport to a public sponsor and provides funding for any portion of the public sponsor's acquisition of land, this limitation on the use of all revenues generated by the sale shall not apply to certain proceeds from the sale. This is conditioned on repayment to the Secretary by the private owner of an amount equal to the remaining unamortized portion (amortized over a 20-year period) of any airport improvement grant made to the private owner for any purpose other than land acquisition on or after October 1, 1996, plus an amount equal to the federal share of the current fair market value of any land acquired with an airport improvement grant made to that airport on or after October 1, 1996.
- 3) Certain revenue derived from or generated by mineral extraction, production, lease, or other means at a general aviation airport (as defined at Section 47102 of title 49 United States Code), if the FAA determines the airport sponsor meets the requirements set forth in Sec. 813 of Public Law 112-95.
- b. As part of the annual audit required under the Single Audit Act of 1984, the sponsor will direct that the audit will review, and the resulting audit report will provide an opinion concerning, the use of airport revenue and taxes in paragraph (a), and indicating whether funds paid or transferred to the owner or operator are paid or transferred in a manner consistent with Title 49, United States Code and any other applicable provision of law, including any regulation promulgated by the Secretary or Administrator.
- c. Any civil penalties or other sanctions will be imposed for violation of this assurance in accordance with the provisions of Section 47107 of Title 49, United States Code.

26. Reports and Inspections.

It will:

- a. submit to the Secretary such annual or special financial and operations reports as the Secretary may reasonably request and make such reports available to the public; make available to the public at reasonable times and places a report of the airport budget in a format prescribed by the Secretary;
- b. for airport development projects, make the airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request;
- c. for noise compatibility program projects, make records and documents relating to the project and continued compliance with the terms, conditions, and assurances of this grant agreement including deeds, leases, agreements, regulations, and other instruments, available for inspection by any duly authorized agent of the Secretary upon reasonable request; and

- d. in a format and time prescribed by the Secretary, provide to the Secretary and make available to the public following each of its fiscal years, an annual report listing in detail:
 - 1) all amounts paid by the airport to any other unit of government and the purposes for which each such payment was made; and
 - 2) all services and property provided by the airport to other units of government and the amount of compensation received for provision of each such service and property.

27. Use by Government Aircraft.

It will make available all of the facilities of the airport developed with Federal financial assistance and all those usable for landing and takeoff of aircraft to the United States for use by Government aircraft in common with other aircraft at all times without charge, except, if the use by Government aircraft is substantial, charge may be made for a reasonable share, proportional to such use, for the cost of operating and maintaining the facilities used. Unless otherwise determined by the Secretary, or otherwise agreed to by the sponsor and the using agency, substantial use of an airport by Government aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the Secretary, would unduly interfere with use of the landing areas by other authorized aircraft, or during any calendar month that —

- a. Five (5) or more Government aircraft are regularly based at the airport or on land adjacent thereto; or
- b. The total number of movements (counting each landing as a movement) of Government aircraft is 300 or more, or the gross accumulative weight of Government aircraft using the airport (the total movement of Government aircraft multiplied by gross weights of such aircraft) is in excess of five million pounds.

28. Land for Federal Facilities.

It will furnish without cost to the Federal Government for use in connection with any air traffic control or air navigation activities, or weather-reporting and communication activities related to air traffic control, any areas of land or water, or estate therein, or rights in buildings of the sponsor as the Secretary considers necessary or desirable for construction, operation, and maintenance at Federal expense of space or facilities for such purposes. Such areas or any portion thereof will be made available as provided herein within four months after receipt of a written request from the Secretary.

29. Airport Layout Plan.

- a. It will keep up to date at all times an airport layout plan of the airport showing
 - 1) boundaries of the airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the sponsor for airport purposes and proposed additions thereto;
 - 2) the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars and

- roads), including all proposed extensions and reductions of existing airport facilities;
- 3) the location of all existing and proposed nonaviation areas and of all existing improvements thereon; and
- 4) all proposed and existing access points used to taxi aircraft across the airport's property boundary. Such airport layout plans and each amendment, revision, or modification thereof, shall be subject to the approval of the Secretary which approval shall be evidenced by the signature of a duly authorized representative of the Secretary on the face of the airport layout plan. The sponsor will not make or permit any changes or alterations in the airport or any of its facilities which are not in conformity with the airport layout plan as approved by the Secretary and which might, in the opinion of the Secretary, adversely affect the safety, utility or efficiency of the airport.
- b. If a change or alteration in the airport or the facilities is made which the Secretary determines adversely affects the safety, utility, or efficiency of any federally owned, leased, or funded property on or off the airport and which is not in conformity with the airport layout plan as approved by the Secretary, the owner or operator will, if requested, by the Secretary (1) eliminate such adverse effect in a manner approved by the Secretary; or (2) bear all costs of relocating such property (or replacement thereof) to a site acceptable to the Secretary and all costs of restoring such property (or replacement thereof) to the level of safety, utility, efficiency, and cost of operation existing before the unapproved change in the airport or its facilities except in the case of a relocation or replacement of an existing airport facility due to a change in the Secretary's design standards beyond the control of the airport sponsor.

30. Civil Rights.

It will promptly take any measures necessary to ensure that no person in the United States shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in any activity conducted with, or benefiting from, funds received from this grant.

a. Using the definitions of activity, facility and program as found and defined in §§ 21.23 (b) and 21.23 (e) of 49 CFR § 21, the sponsor will facilitate all programs, operate all facilities, or conduct all programs in compliance with all non-discrimination requirements imposed by, or pursuant to these assurances.

b. Applicability

- 1) Programs and Activities. If the sponsor has received a grant (or other federal assistance) for any of the sponsor's program or activities, these requirements extend to all of the sponsor's programs and activities.
- 2) Facilities. Where it receives a grant or other federal financial assistance to construct, expand, renovate, remodel, alter or acquire a facility, or part of a facility, the assurance extends to the entire facility and facilities operated in connection therewith.

3) Real Property. Where the sponsor receives a grant or other Federal financial assistance in the form of, or for the acquisition of real property or an interest in real property, the assurance will extend to rights to space on, over, or under such property.

c. Duration.

The sponsor agrees that it is obligated to this assurance for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of, personal property, or real property, or interest therein, or structures or improvements thereon, in which case the assurance obligates the sponsor, or any transferee for the longer of the following periods:

- 1) So long as the airport is used as an airport, or for another purpose involving the provision of similar services or benefits; or
- 2) So long as the sponsor retains ownership or possession of the property.
- d. Required Solicitation Language. It will include the following notification in all solicitations for bids, Requests For Proposals for work, or material under this grant agreement and in all proposals for agreements, including airport concessions, regardless of funding source:

"The (Name of Sponsor), in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises and airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award."

e. Required Contract Provisions.

- It will insert the non-discrimination contract clauses requiring compliance
 with the acts and regulations relative to non-discrimination in Federallyassisted programs of the DOT, and incorporating the acts and regulations into
 the contracts by reference in every contract or agreement subject to the nondiscrimination in Federally-assisted programs of the DOT acts and
 regulations.
- 2) It will include a list of the pertinent non-discrimination authorities in every contract that is subject to the non-discrimination acts and regulations.
- 3) It will insert non-discrimination contract clauses as a covenant running with the land, in any deed from the United States effecting or recording a transfer of real property, structures, use, or improvements thereon or interest therein to a sponsor.
- 4) It will insert non-discrimination contract clauses prohibiting discrimination on the basis of race, color, national origin, creed, sex, age, or handicap as a

covenant running with the land, in any future deeds, leases, license, permits, or similar instruments entered into by the sponsor with other parties:

- a) For the subsequent transfer of real property acquired or improved under the applicable activity, project, or program; and
- b) For the construction or use of, or access to, space on, over, or under real property acquired or improved under the applicable activity, project, or program.
- f. It will provide for such methods of administration for the program as are found by the Secretary to give reasonable guarantee that it, other recipients, sub-recipients, sub-grantees, contractors, subcontractors, consultants, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the acts, the regulations, and this assurance.
- g. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the acts, the regulations, and this assurance.

31. Disposal of Land.

- a. For land purchased under a grant for airport noise compatibility purposes, including land serving as a noise buffer, it will dispose of the land, when the land is no longer needed for such purposes, at fair market value, at the earliest practicable time. That portion of the proceeds of such disposition which is proportionate to the United States' share of acquisition of such land will be, at the discretion of the Secretary, (1) reinvested in another project at the airport, or (2) transferred to another eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order, (1) reinvestment in an approved noise compatibility project, (2) reinvestment in an approved project that is eligible for grant funding under Section 47117(e) of title 49 United States Code, (3) reinvestment in an approved airport development project that is eligible for grant funding under Sections 47114, 47115, or 47117 of title 49 United States Code, (4) transferred to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport, and (5) paid to the Secretary for deposit in the Airport and Airway Trust Fund. If land acquired under a grant for noise compatibility purposes is leased at fair market value and consistent with noise buffering purposes, the lease will not be considered a disposal of the land. Revenues derived from such a lease may be used for an approved airport development project that would otherwise be eligible for grant funding or any permitted use of airport revenue.
- b. For land purchased under a grant for airport development purposes (other than noise compatibility), it will, when the land is no longer needed for airport purposes, dispose of such land at fair market value or make available to the Secretary an amount equal to the United States' proportionate share of the fair market value of the land. That portion of the proceeds of such disposition which is proportionate to the United States' share of the cost of acquisition of such land will, (1) upon application to the Secretary, be reinvested or transferred to another

eligible airport as prescribed by the Secretary. The Secretary shall give preference to the following, in descending order: (1) reinvestment in an approved noise compatibility project, (2) reinvestment in an approved project that is eligible for grant funding under Section 47117(e) of title 49 United States Code, (3) reinvestment in an approved airport development project that is eligible for grant funding under Sections 47114, 47115, or 47117 of title 49 United States Code, (4) transferred to an eligible sponsor of another public airport to be reinvested in an approved noise compatibility project at that airport, and (5) paid to the Secretary for deposit in the Airport and Airway Trust Fund.

- c. Land shall be considered to be needed for airport purposes under this assurance if (1) it may be needed for aeronautical purposes (including runway protection zones) or serve as noise buffer land, and (2) the revenue from interim uses of such land contributes to the financial self-sufficiency of the airport. Further, land purchased with a grant received by an airport operator or owner before December 31, 1987, will be considered to be needed for airport purposes if the Secretary or Federal agency making such grant before December 31, 1987, was notified by the operator or owner of the uses of such land, did not object to such use, and the land continues to be used for that purpose, such use having commenced no later than December 15, 1989.
- d. Disposition of such land under (a) (b) or (c) will be subject to the retention or reservation of any interest or right therein necessary to ensure that such land will only be used for purposes which are compatible with noise levels associated with operation of the airport.

32. Engineering and Design Services.

It will award each contract, or sub-contract for program management, construction management, planning studies, feasibility studies, architectural services, preliminary engineering, design, engineering, surveying, mapping or related services with respect to the project in the same manner as a contract for architectural and engineering services is negotiated under Title IX of the Federal Property and Administrative Services Act of 1949 or an equivalent qualifications-based requirement prescribed for or by the sponsor of the airport.

33. Foreign Market Restrictions.

It will not allow funds provided under this grant to be used to fund any project which uses any product or service of a foreign country during the period in which such foreign country is listed by the United States Trade Representative as denying fair and equitable market opportunities for products and suppliers of the United States in procurement and construction.

34. Policies, Standards, and Specifications.

It will carry out the project in accordance with policies, standards, and specifications approved by the Secretary including but not limited to the advisory circulars listed in the Current FAA Advisory Circulars for AIP projects, dated <u>02/11/2015</u> (the latest approved version as of this grant offer) and included in this grant, and in accordance

with applicable state policies, standards, and specifications approved by the Secretary.

35. Relocation and Real Property Acquisition.

- a. It will be guided in acquiring real property, to the greatest extent practicable under State law, by the land acquisition policies in Subpart B of 49 CFR Part 24 and will pay or reimburse property owners for necessary expenses as specified in Subpart B.
- b. It will provide a relocation assistance program offering the services described in Subpart C and fair and reasonable relocation payments and assistance to displaced persons as required in Subpart D and E of 49 CFR Part 24.
- c. It will make available within a reasonable period of time prior to displacement, comparable replacement dwellings to displaced persons in accordance with Subpart E of 49 CFR Part 24.

36. Access By Intercity Buses.

The airport owner or operator will permit, to the maximum extent practicable, intercity buses or other modes of transportation to have access to the airport; however, it has no obligation to fund special facilities for intercity buses or for other modes of transportation.

37. Disadvantaged Business Enterprises.

The sponsor shall not discriminate on the basis of race, color, national origin or sex in the award and performance of any DOT-assisted contract covered by 49 CFR Part 26, or in the award and performance of any concession activity contract covered by 49 CFR Part 23. In addition, the sponsor shall not discriminate on the basis of race, color, national origin or sex in the administration of its DBE and ACDBE programs or the requirements of 49 CFR Parts 23 and 26. The sponsor shall take all necessary and reasonable steps under 49 CFR Parts 23 and 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts, and/or concession contracts. The sponsor's DBE and ACDBE programs, as required by 49 CFR Parts 26 and 23, and as approved by DOT, are incorporated by reference in this agreement. Implementation of these programs is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the sponsor of its failure to carry out its approved program, the Department may impose sanctions as provided for under Parts 26 and 23 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1936 (31 U.S.C. 3801).

38. Hangar Construction.

If the airport owner or operator and a person who owns an aircraft agree that a hangar is to be constructed at the airport for the aircraft at the aircraft owner's expense, the airport owner or operator will grant to the aircraft owner for the hangar a long term lease that is subject to such terms and conditions on the hangar as the airport owner or operator may impose.

39. Competitive Access.

- a. If the airport owner or operator of a medium or large hub airport (as defined in section 47102 of title 49, U.S.C.) has been unable to accommodate one or more requests by an air carrier for access to gates or other facilities at that airport in order to allow the air carrier to provide service to the airport or to expand service at the airport, the airport owner or operator shall transmit a report to the Secretary that-
 - 1) Describes the requests;
 - 2) Provides an explanation as to why the requests could not be accommodated; and
 - 3) Provides a time frame within which, if any, the airport will be able to accommodate the requests.
- b. Such report shall be due on either February 1 or August 1 of each year if the airport has been unable to accommodate the request(s) in the six month period prior to the applicable due date.



Current FAA Advisory Circulars Required for Use in AIP Funded and PFC Approved Projects

Updated: 2/11/2015

View the most current versions of these ACs and any associated changes at: http://www.faa.gov/airports/resources/advisory_circulars

| NUMBER | TITLE |
|-----------------------------|--|
| 70/7460-1K | Obstruction Marking and Lighting |
| 150/5020-1 | Noise Control and Compatibility Planning for Airports |
| 150/5070-6B Change 2 | Airport Master Plans |
| 150/5070-7 Change 1 | The Airport System Planning Process |
| 150/5100-13B | Development of State Standards for Nonprimary Airports |
| 150/5200-28D | Notices to Airmen (NOTAMS) for Airport Operators |
| 150/5200-30C Change 1 | Airport Winter Safety And Operations |
| 150/5200-31C Changes 1-2 | Airport Emergency Plan |
| 150/5210-5D | Painting, Marking, and Lighting of Vehicles Used on an Airport |
| 150/5210-7D | Aircraft Rescue and Fire Fighting Communications |
| 150/5210-13C | Airport Water Rescue Plans and Equipment |
| 150/5210-14B | Aircraft Rescue Fire Fighting Equipment, Tools and Clothing |
| 150/5210-15A | Aircraft Rescue and Firefighting Station Building Design |
| 150/5210-18A | Systems for Interactive Training of Airport Personnel |

| NUMBER | TITLE |
|-----------------------------|--|
| 150/5210-19A | Driver's Enhanced Vision System (DEVS) Ground Vehicle Operations on Airports |
| 150/5220-10E | Guide Specification for Aircraft Rescue and Fire Fighting (ARFF) Vehicles |
| 150/5220-16D | Automated Weather Observing Systems (AWOS) for Non-Federal Applications |
| 150/5220-17B | Aircraft Rescue and Fire Fighting (ARFF) Training Facilities |
| 150/5220-18A | Buildings for Storage and Maintenance of Airport Snow and Ice Control Equipment and Materials |
| 150/5220-20A | Airport Snow and Ice Control Equipment |
| 150/5220-21C | Aircraft Boarding Equipment |
| 150/5220-22B | Engineered Materials Arresting Systems (EMAS) for Aircraft Overruns |
| 150/5220-23 | Frangible Connections |
| 150/5220-24 | Foreign Object Debris Detection Equipment |
| 150/5220-25 | Airport Avian Radar Systems |
| 150/5220-26 Change 1 | Airport Ground Vehicle Automatic Dependent Surveillance - Broadcast (ADS-B) Out Squitter Equipment |
| 150/5300-7B | FAA Policy on Facility Relocations Occasioned by Airport Improvements of Changes |
| 150/5300-13A Change 1 | Airport Design |
| 150/5300-14C | Design of Aircraft Deicing Facilities |
| 150/5300-16A | General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey |
| 150/5300-17C | Standards for Using Remote Sensing Technologies in Airport Surveys |
| 150/5300-18B Change 1 | General Guidance and Specifications for Submission of Aeronautical Surveys to NGS: Field Data Collection and Geographic Information System (GIS) Standards |
| 150/5320-5D | Airport Drainage Design |
| 150/5320-6E | Airport Pavement Design and Evaluation |
| 150/5320-12C Changes 1-8 | Measurement, Construction, and Maintenance of Skid Resistant Airport Pavement Surfaces |

| NUMBER | TITLE |
|--------------|---|
| 150/5320-15A | Management of Airport Industrial Waste |
| 150/5235-4B | Runway Length Requirements for Airport Design |
| 150/5335-5C | Standardized Method of Reporting Airport Pavement Strength - PCN |
| 150/5340-1L | Standards for Airport Markings |
| 150/5340-5D | Segmented Circle Airport Marker System |
| 150/5340-18F | Standards for Airport Sign Systems |
| 150/5340-26C | Maintenance of Airport Visual Aid Facilities |
| 150/5340-30H | Design and Installation Details for Airport Visual Aids |
| 150/5345-3G | Specification for L-821, Panels for the Control of Airport Lighting |
| 150/5345-5B | Circuit Selector Switch |
| 150/5345-7F | Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits |
| 150/5345-10H | Specification for Constant Current Regulators and Regulator Monitors |
| 150/5345-12F | Specification for Airport and Heliport Beacons |
| 150/5345-13B | Specification for L-841 Auxiliary Relay Cabinet Assembly for Pilot Control of Airport Lighting Circuits |
| 150/5345-26D | FAA Specification For L-823 Plug and Receptacle, Cable Connectors |
| 150/5345-27E | Specification for Wind Cone Assemblies |
| 150/5345-28G | Precision Approach Path Indicator (PAPI) Systems |
| 150/5345-39D | Specification for L-853, Runway and Taxiway Retro reflective Markers |
| 150/5345-42G | Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories |
| 150/5345-43G | Specification for Obstruction Lighting Equipment |
| 150/5345-44J | Specification for Runway and Taxiway Signs |
| 150/5345-45C | Low-Impact Resistant (LIR) Structures |
| 150/5345-46D | Specification for Runway and Taxiway Light Fixtures |

| NUMBER | TITLE |
|-------------------------|--|
| 150/5345-47C | Specification for Series to Series Isolation Transformers for Airport Lighting Systems |
| 150/5345-49C | Specification L-854, Radio Control Equipment |
| 150/5345-50B | Specification for Portable Runway and Taxiway Lights |
| 150/5345-51B | Specification for Discharge-Type Flashing Light Equipment |
| 150/5345-52A | Generic Visual Glideslope Indicators (GVGI) |
| 150/5345-53D | Airport Lighting Equipment Certification Program |
| 150/5345-54B | Specification for L-884, Power and Control Unit for Land and Hold Short Lighting Systems |
| 150/5345-55A | Specification for L-893, Lighted Visual Aid to Indicate Temporary Runway Closure |
| 150/5345-56B | Specification for L-890 Airport Lighting Control and Monitoring System (ALCMS) |
| 150/5360-12F | Airport Signing and Graphics |
| 150/5360-13 Change 1 | Planning and Design Guidelines for Airport Terminal Facilities |
| 150/5360-14 | Access to Airports By Individuals With Disabilities |
| 150/5370-2F | Operational Safety on Airports During Construction |
| 150/5370-10G | Standards for Specifying Construction of Airports |
| 150/5370-11B | Use of Nondestructive Testing in the Evaluation of Airport Pavements |
| 150/5370-13A | Off-Peak Construction of Airport Pavements Using Hot-Mix Asphalt |
| 150/5370-15B | Airside Applications for Artificial Turf |
| 150/5370-16 | Rapid Construction of Rigid (Portland Cement Concrete) Airfield Pavements |
| 150/5370-17 | Airside Use of Heated Pavement Systems |
| 150/5380-7B | Airport Pavement Management Program |
| 150/5380-9 | Guidelines and Procedures for Measuring Airfield Pavement Roughness |
| 150/5390-2C | Heliport Design |
| 150/5395-1A | Seaplane Bases |

THE FOLLOWING ADDITIONAL APPLY TO AIP PROJECTS ONLY

Updated: 3/7/2014

| NUMBER | TITLE |
|------------------------------|--|
| 150/5100-14E | Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects |
| 150/5100-17 Changes 1 - 6 | Land Acquisition and Relocation Assistance for Airport Improvement Program Assisted Projects |
| 150/5300-9B | Predesign, Prebid, and Preconstruction Conferences for Airport Grant Projects |
| 150/5300-15A | Use of Value Engineering for Engineering Design of Airports Grant Projects |
| 150/5320-17A | Airfield Pavement Surface Evaluation and Rating (PASER) Manuals |
| 150/5370-6D | Construction Progress and Inspection Report – Airport Improvement Program (AIP) |
| 150/5370-12A | Quality Control of Construction for Airport Grant Projects |

STANDARD DOT TITLE VI ASSURANCES

CARSON CITY AIRPORT AUTHORITY (hereinafter referred to as the Sponsor) hereby agrees that as a condition to receiving Federal financial assistance from the Department of Transportation (DOT), it will comply with Title VI of the Civil Rights Act of 1964 (42 U.S.C. 2000d et seq.) and all requirements imposed by 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation -- Effectuation of Title VI of the Civil Rights Act of 1964 (hereinafter referred to as the "Regulations") to the end that no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the applicant receives Federal financial assistance and will immediately take any measures necessary to effectuate this agreement. Without limiting the above general assurance, the Sponsor agrees concerning this grant that:

- 1. Each "program" and "facility" (as defined in Section 21.23(a) and 21.23(b)) will be conducted or operated in compliance with all requirements of the Regulations.
- 2. It will insert the clauses of Attachment 1 of this assurance in every contract subject to the Act and the Regulations.
- 3. Where Federal financial assistance is received to construct a facility, or part of a facility, the assurance shall extend to the entire facility and facilities operated in connection therewith.
- 4. Where Federal financial assistance is in the form or for the acquisition of real property or an interest in real property, the assurance shall extend to rights to space on, over, or under such property.
- 5. It will include the appropriate clauses set forth in Attachment 2 of this assurance, as a covenant running with the land, in any future deeds, leases, permits, licenses, and similar agreements entered into by the Sponsor with other parties:
- (a) for the subsequent transfer of real property acquired or improved with Federal financial assistance under this project; and
- (b) for the construction or use of or access to space on, over, or under real property acquired or improved with Federal financial assistance under this Project.
- 6. This assurance obligates the Sponsor for the period during which Federal financial assistance is extended to the program, except where the Federal financial assistance is to provide, or is in the form of personal property or real property or interest therein or structures or improvements thereon, in which case the assurance obligates the Sponsor or any transferee for the longer of the following periods:
- (a) the period during which the property is used for a purpose for which Federal financial assistance is extended, or for another purpose involving the provision of similar services or benefits; or
 - (b) the period during which the Sponsor retains ownership or possession of the property.
- 7. It will provide for such methods of administration for the program as are found by the Secretary of transportation of the official to whom he delegates specific authority to give reasonable guarantees that it, other sponsors, subgrantees, contractors, subcontractors, transferees, successors in interest, and other participants of Federal financial assistance under such program will comply with all requirements imposed or pursuant to the act, the Regulations, and this assurance.

| STANDARD DOT TITLE VI ASSURANCES | (Continued) |
|----------------------------------|-------------|
|----------------------------------|-------------|

8. It agrees that the United States has a right to seek judicial enforcement with regard to any matter arising under the Act, the Regulations, and this assurance.

THIS ASSURANCE is given in consideration of and for the purpose of obtaining Federal financial assistance for this Project and is binding on its contractors, the Sponsor, subcontractors, transferees, successors in interest and other participants in the Project. The person or persons whose signatures appear below are authorized to sign this assurance on behalf of the Sponsor.

| DATED | | |
|-------|---|--|
| | - | CARSON CITY AIRPORT AUTHORITY (Sponsor) |
| | | (Signature of Authorized Official) KARL HUTTER CHAIRMAN, CARSON CITY AIRPORT AUTHORITY |
| | | |
| | | |
| | | |

Page 2 of 2

CONTRACTOR CONTRACTUAL REQUIREMENTS

ATTACHMENT 1

During the performance of this contract, the contractor, for itself, its assignees and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

- 1. <u>Compliance with Regulations</u>. The contractor shall comply with the regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation (hereinafter, "DOT") Title 49, Code of Federal Regulations, Part 21, as they may be amended from time to time (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
- 2. <u>Nondiscrimination</u>. The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. the contractor shall not participate either directly of indirectly in the discrimination prohibited by section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix B of the Regulations.
- 3. <u>Solicitations for Subcontracts, Including Procurements of Materials and Equipment</u>. In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or lease of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
- 4. <u>Information and Reports</u>. The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the Sponsor or the Federal Aviation Administration (FAA) to be pertinent to ascertain compliance with such Regulations, orders, and instructions. Where any information required of a contract is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the sponsor or the FAA, as appropriate, and shall set forth what efforts it has made to obtain the information.
- 5. <u>Sanctions for Noncompliance</u>. In the event of the contractor's noncompliance with the nondiscrimination provisions of this contract, the sponsor shall impose such contract sanctions as it or the FAA may determine to be appropriate, including, but not limited to:
 - a. Withholding of payments to the contractor under the contract until the contractor complies, and/or
 - b. Cancellation, termination, or suspension of the contract, in whole or in part.
- 6. <u>Incorporation of Provisions</u>. The contractor shall include the provisions of paragraphs 1 through 5 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the sponsor or the FAA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, the contractor may request the Sponsor to enter into such litigation to protect the interests of the sponsor and, in addition, the contractor may request the United States to enter into such litigation to protect the interest of the United States.

CLAUSES FOR DEEDS, LICENSES, LEASES, PERMITS OR SIMILAR INSTRUMENTS

ATTACHMENT 2

The following clauses shall be included in deeds, licenses, leases, permits, or similar instruments entered into by the Sponsor pursuant to the provisions of Assurances 5(a) and 5(b).

- 1. The (grantee, licensee, permittee, etc., as appropriate) for himself, his heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add "as a covenant running with the land") that in the event facilities are constructed, maintained, or otherwise operated on the said property described in this (deed, license, lease, permit, etc.) for a purpose for which a DOT program or activity is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) shall maintain and operate such facilities and services in compliance with all other requirements imposed pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulations may be amended.
- 2. The (grantee, licensee, lessee, permittee, etc., as appropriate) for himself, his heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add "as a covenant running with the land") that: (1) no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land and the furnishing of services thereon, no person on the grounds of race, color, or national origin shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, permittee, etc.) shall use the premises in compliance with all other requirements imposed by or pursuant to 49 CFR Part 21, Nondiscrimination in Federally Assisted Programs of the Department of Transportation, and as said Regulations may be amended.

REQUIRED STATEMENTS AIRPORT IMPROVEMENT PROGRAM PROJECTS

| <u> </u> | CARSON CITY AIRPORT |
|---------------------------------|--|
| <u>ON</u> : | CARSON CITY, NEVADA |
| DJECT NO.: | 3-32-0004-30 |
| MENTS APPL | NORTH APRON RECONSTRUCTION - CONSTRUCTION |
| | OF NEIGHBORING COMMUNITIES: In formulating this project, consideration has been interest of communities that are near (Exact name of airport) CARSON CITY AIRPORT. |
| from a public | OPMENT PROPOSED IN THIS PROJECT will not require the use of publicly owned land c park, recreation area, wildlife and fowl refuge, or a historical site under Federal, State, or ction. |
| Fixed Base | RDINATION: The airport development proposed in this project has been coordinated with the Operator(s) utilizing (Exact name of airport) CARSON CITY AIRPORT, and they have been parding the scope and nature of this project. |
| THE PROPO | DSED PROJECT IS CONSISTENT with existing approved plans for the area surrounding the |
| ve statements nt not checked | have been duly considered and are applicable to this project. (Provide comment for any l). |
| | BY: DATE: |
| т | KARL HUTTER ITLE: CHAIRMAN, CARSON CITY AIRPORT AUTHORITY |
| SORING AGE | NCY: CARSON CITY AIRPORT AUTHORITY |
| | DJECT NO.: IENTS APPLI INTEREST (given to the image) THE DEVEL from a public Local jurisdic Local jurisdic local jurisdic regular from the image of the properties of the checked informed regular from the checked in the checked regular from the |

NOTE: Where opposition is stated to an airport development project, whether expressly or by proposed revision, the following specific information concerning the opposition to the project must be furnished.

- a. Identification of the Federal, state, or local governmental agency, or the person or persons opposing the project; N/A
- b. The nature and basis of opposition; N/A
- c. Sponsor's plan to accommodate or otherwise satisfy the opposition; N/A
- d. Whether an opportunity for a hearing was afforded, and if a hearing was held, an analysis of the facts developed at the hearing as they relate to the social, economic, and environmental aspects of the proposed project and its consistency with the goals and objectives of such urban planning as has been carried out by the community. **N/A**
- e. If the opponents proposed any alternatives, what these alternatives were and the reason for nonacceptance; N/A
- f. Sponsor's plans, if any, to minimize any adverse effects of the project; N/A
- g. Benefits to be gained by the proposed development; and N/A
- h. Any other pertinent information which would be of assistance in determining whether to proceed with the project. N/A

CERTIFICATION FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS

The undersigned certifies, to the best of his or her knowledge and belief, that:

- 1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal Grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- 2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form LLL "Disclosure of Lobby Activities", in accordance with its instructions.
- 3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipents shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

| Signed | | Date |
|--------|---|------|
| | KARL HUTTER | |
| | Sponsor's Authorized Representative | |
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| | | |
| Title | Chairman, Carson City Airport Authority | |
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U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION AIRPORT IMPROVEMENT PROGRAM SPONSOR CERTIFICATION DRUG-FREE WORKPLACE

CARSON CITY AIRPORT

AIP No. 3-32-0004-30

CARSON CITY AIRPORT AUTHORITY

| | | (Sponsor) | (Airport) | (Project N | umber) | |
|-------------------------|-------------------------|--|--|--|--|-------------------|
| NC | DRT | H APRON REHABILITATION - CO | ONSTRUCTION | | | |
| with t requi Part | he sta reme 29. S | nited States Code, section 47105(d), authorizes that atutory and administrative requirements in carrying into on the drug-free workplace within Federal graphsors are required to certify they will be, or with the AIP project grant agreement contains specific. | g out a project under the Airport Improve ant programs are described in Title 49, vill continue to provide, a drug-free work | ment Progra Code of Fed place in acc | m (AIP). Ge eral Regula ordance wi | eneral itions, |
| imple | ment | the certified items below marked not applicable ation, although it is not comprehensive, nor does istrative standards. | | | | |
| | | | | Yes | No | N/A |
| 1. | unla con | tatement has been (will be) published not awful manufacture, distribution, dispensin trolled substance is prohibited in the spor actions to be taken against employees fo | g, possession, or use of a nsor's workplace, and specifying | \boxtimes | | |
| 2. | | ongoing drug-free awareness program ha ablished to inform employees about: | as been (will be) | | | |
| | a. b. c. | The dangers of drug abuse in the workp The sponsor's policy of maintaining a dr Any available drug counseling, rehability programs; and | ug-free workplace; ation, and employee assistance | | | |
| | d. | The penalties that may be imposed upo violations occurring in the workplace. | n employees for drug abuse | | | |
| 3. | | ch employee to be engaged in the perforn given a copy of the statement required w | | | | |
| 4. | | Employees have been (will be) notified in the statement required by item 1 above that, as a condition employment under the grant, the employee will: | | | | |
| | a. b. | Abide by the terms of the statement; an Notify the employer in writing of his or h criminal drug statute occurring in the wo calendar days after such conviction. | er conviction for a violation of a | | | |
| 5. | The | FAA will be notified in writing within ten | calendar days after receiving | | | |

notice under item 4b above from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title of the employee, to the FAA. Notices shall

include the project number of each affected grant.

| | | | Yes | No | N/A |
|------|----------------|--|-----------|---------------|-------|
| 6. | a n | e of the following actions will be taken within 30 calendar days of receiving otice under item 4b above with respect to any employee who is so existed: Take appropriate personnel action against such an employee, up to and | | | |
| | | including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or | | | |
| | b. | Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency. | | | |
| 7. | | nood faith effort will be made to continue to maintain a drug-free workplace bugh implementation of items 1 through 6 above. | | | |
| Ther | e are s mar | pared documentation attached hereto with site(s) for performance of work (street address, no such workplaces that are not identified in the attachment. I have prepared additional dicked "no" and attached it hereto. I certify that, for the project identified herein, response as marked and attachments are correct and complete. | ocumentat | ion for any a | above |
| | | CARSON CITY AIRPORT AUTHORITY | | | |
| | | (Name of Sponsor) | | | |
| | (Sigr | nature of Sponsor's Designated Official Representative) KARL HUTTER | | | |
| (| | d Name of Sponsor's Designated Official Representative) IAIRMAN, CARSON CITY AIRPORT AUTHORITY | | | |
| | (Туре | ed Title of Sponsor's Designated Official Representative) | | | |
| | | (Date) | | | |