



REVISED AGENDA

Greater Asheville Regional Airport Authority Regular Meeting
Friday, December 13, 2019, 8:30 a.m.
Conference Room at Administrative Offices

NOTICE TO THE PUBLIC: The Airport Authority welcomes comments from the public on any agenda item. Comments are received prior to the Board's discussion of the agenda item. Comments are limited to five minutes. If you wish to comment on an agenda item, please deliver a request card (available in the meeting room) to the Clerk to the Board prior to the agenda item being called by the Chair.

- I. CALL TO ORDER
- II. SERVICE AWARD PRESENTATION:
 - A. Wendi Sparks – 15 Years
- III. PRESENTATIONS: None
- IV. FINANCIAL REPORT ([document](#))
- V. CONSENT ITEMS:
 - A. Approval of the Greater Asheville Regional Airport Authority November 15, 2019 Regular Meeting Minutes ([document](#))
 - B. Approval of an Amendment to the FY2019/2020 Budget for Purchase of Ground Transportation Lot Equipment ([document](#))
 - C. Approval of the Greater Asheville Regional Airport Authority November 15, 2019 Closed Session Minutes
- VI. OLD BUSINESS: None



VII. NEW BUSINESS:

- A. Approval of Memorandum of Agreement Between the Federal Aviation Administration and the Greater Asheville Regional Airport Authority for the Asheville Regional Airport, Airport Traffic Control Tower and Terminal Radar Approach Control Facility Replacement Project ([document](#))
- B. Approval of Task Order No. 2, Part B with GS&P N.C. an Affiliate of Gresham Smith and Partners for Terminal Building Phase 2 Modernization Design Services ([document](#))
- C. Approval of Scope of Services Number 22 with AVCON Engineers and Planners, Inc. ([document](#))
- D. Approval of Change Order No. 1 for Repair of 60 Inch Reinforced Concrete Pipe ([document](#))

VIII. DIRECTOR'S REPORT:

- A. Contingency Transfer
- B. Zachry Construction Change Order

IX. INFORMATION SECTION:

(Staff presentations will not be made on these items. Staff will be available to address questions from the Board.)

- A. October 2019 Traffic Report ([document](#))
- B. October 2019 Monthly Financial Report ([document](#))
- C. December 2019 Development/Project Status Report ([document](#))
- D. Potential Board Items for the Next Regular Meeting:
 - None identified at this time

X. PUBLIC AND TENANTS' COMMENTS

XI. CALL FOR NEXT MEETING: January 17, 2020



XII. CLOSED SESSION:

Pursuant to Subsections 143-318.11 (a) (3) and (4) of the General Statutes of North Carolina to Consult with Legal Counsel in Order to Preserve the Attorney-Client Privilege and to Discuss Matters Relating to the Location and/or Expansion of Industries or Other Businesses in the Area Served by the Authority, Including Agreement on a Tentative List of Economic Development Incentives that may be Offered by the Authority in Negotiations.

XIII. AUTHORITY MEMBER REPORTS:

A. Key Strategic Elements ([document](#))

XIV. ADJOURNMENT

This agenda of the Greater Asheville Regional Airport Authority is provided as a matter of convenience to the public. It is not the official agenda. Although every effort is made to provide complete and accurate information in this agenda, the Greater Asheville Regional Airport Authority does not warrant or guarantee its accuracy or completeness for any purpose. The agenda is subject to change before and/or during the Board meeting.

**Asheville Regional Airport
Executive Summary
October-19**

AIRPORT ACTIVITY

	<u>Month</u>	<u>Variance to Prior Year</u>	<u>Calendar Year to Date</u>	<u>Variance to Prior Year</u>
Passenger Enplanements	81,495	35.7%	669,198	44.9%
Aircraft Operations				
Commercial	2,510	21.7%	20,403	27.1%
Scheduled Flights	1,130	47.7%		
Flight Cancellations	6			
Seats	101,586	37.8%	854,653	53.6%
Load Factor	80.2%	(1.6%)	78.3%	(5.6%)
General Aviation	4,049	24.7%	40,342	20.3%
Military	263	(27.9%)	2,516	(8.7%)

FINANCIAL RESULTS

	<u>Month</u>	<u>Variance to Budget</u>	<u>Fiscal Year to Date</u>	<u>Variance to Budget</u>
Operating Revenues	\$ 1,688,471	59.1%	\$ 6,330,918	49.1%
Operating Expenses	802,144	(34.0%)	2,849,772	(28.6%)
Net Operating Revenues before Depreciation	<u>\$ 886,327</u>		<u>\$ 3,481,146</u>	
Net Non-Operating Revenues	<u>\$ 472,479</u>	38.3%	<u>\$ 1,045,298</u>	(23.5%)
Grants:				
FAA AIP Grants	\$ 1,943,851		\$ 4,156,237	
NC Dept of Transportation Grants	-		-	
Total	<u>\$ 1,943,851</u>		<u>\$ 4,156,237</u>	

CASH

Restricted	\$ 14,317,405
Designated for O&M Reserve	5,201,092
Designated for Emergency Repair	650,000
Unrestricted, Undesignated	15,684,296
Total	<u>\$ 35,852,793</u>

RECEIVABLES PAST DUE

	<u>Total</u>	<u>1-30 Days</u>	<u>31-60 Days</u>	<u>Over 60 Days</u>
Advertising Customers	39,362	10,825	7,421	21,116
Elite	10,770	350	3,331	7,089
Enterprise	2,844	2,844	-	-
FAA	13,531	-	13,384	147
TSA	5,272	130	380	4,762
Hertz	426	-	-	426
Paradies	6,715	2,130	-	4,585
Signature	82,354	78,442	-	3,912
Skywest	2,207	-	-	2,207
Spirit	32,185	25,042	3,386	3,756
Travelers	3,212	330	-	2,882
WNC Aviation	1,091	179	179	734
Worldwide	6,095	-	-	6,095
Miscellaneous	19,732	227	12,887	6,618
Total	<u>\$ 225,794</u>	<u>\$ 120,498</u>	<u>\$ 40,968</u>	<u>\$ 64,328</u>
% of Total Receivables	<u>20.40%</u>			

Note: Excludes balances paid subsequent to month-end.

REVENUE BONDS PAYABLE

	<u>Original Amount</u>	<u>Current Balance</u>
Parking Garage Revenue Bond, Series 2016A	\$ 15,750,000	\$ 15,750,000
Parking Garage Taxable Revenue Bond, Series 2016B	5,250,000	1,835,000
	<u>\$ 21,000,000</u>	<u>\$ 17,585,000</u>

CAPITAL EXPENDITURES

Annual Budget	\$ 62,902,904
Year-to-Date Spending	\$ 5,024,186

**REGULAR MEETING
GREATER ASHEVILLE REGIONAL AIRPORT AUTHORITY
November 15, 2019**

The Greater Asheville Regional Airport Authority ("Authority") met on Friday, November 15, 2019 at 8:30 a.m. in the Conference Room at the Authority's Administrative Offices, Asheville Regional Airport ("Airport"), 61 Terminal Drive, Suite 1, Asheville, NC 28732.

MEMBERS PRESENT: Matthew C. Burril, Chair; K. Ray Bailey, Vice-Chair; George H. Erwin, Jr.; Brad Galbraith; and Carl H. Ricker, Jr.

MEMBERS ABSENT: Stephanie Pace Brown; Thomas M. Apodaca

STAFF AND LEGAL COUNSEL PRESENT: Cindy Rice, Authority Legal Counsel; Lew Bleiweis, Executive Director; Michael Reisman, Deputy Executive Director; Kevan Smith, Chief of Public Safety; Tina Kinsey, Director of Marketing and Public Relations; Janet Burnette, Director of Finance and Accounting; Shane Stockman, IT Director; John Coon, Director of Operations and Maintenance; Lisa Jump, Director of Administration and Human Resources; Jared Merrill, Airport Planning Manager; Samuel Sales, Public Safety Captain; Beauford Rice, Maintenance Technician; and Ellen Heywood, Clerk to the Board

ALSO PRESENT: Patrick Pettit, Haskell; Dan Mullinix, Gould Killian; Jon McCalmont, Parrish & Partners; Hunter Boniface; Parrish & Partners; Charles Buckland, Signature Flight Support; Jeb Blackwell, AECOM; Paul Jenkins; AECOM; James Moose, Avcon; Jeff Kirby, Parrish & Partners; Bridget Cox; Signature Flight Support; Paul Puckli, CHA Consulting; Nick Loder, RS&H

CALL TO ORDER: The Chair called the meeting to order at 8:30 a.m.

SERVICE AWARD PRESENTATION: The Chair recognized Beauford Rice with a service award and gift for his 10 years of service with the Authority.

PRESENTATIONS: None

FINANCIAL REPORT: The Director reported on the airport activity for the month of September which included enplanements, aircraft operations, and general aviation activity. Janet Burnette reported on the financial activity for the month of September.

CONSENT ITEMS: The Chair stated that Consent Item C, Approval of the Greater Asheville Regional Airport Authority October 11, 2019 Closed Session Minutes, would be pulled for review in Closed Session.

A. Approval of the Greater Asheville Regional Airport Authority October 11, 2019 Regular Meeting Minutes: Mr. Erwin moved to approve the Greater Asheville Regional Airport Authority October 11, 2019 Regular Meeting Minutes. Mr. Bailey seconded the motion and it carried unanimously.

B. Ratification of Easement with Duke Energy: Mr. Galbraith moved to approve the Ratification of Easement with Duke Energy. Mr. Erwin seconded the motion and it carried unanimously.

OLD BUSINESS: None

NEW BUSINESS:

A. Presentation of the Annual Audited Financial Report for Fiscal Year 2018/2019: Janet Burnette advised the Board that the audited financial statements for fiscal year ended June 30, 2019 have been submitted to the Local Government Commission (LGC). Ms. Burnette introduced Dan Mullinix with Gould Killian CPA Group, the firm that completed the audit. Mr. Mullinix stated that his firm issued an unmodified (clean) opinion with reasonable assurance that the financial statements were free from material misstatement. Mr. Mullinix briefly spoke about GASB No. 87 with regard to leases and how these will need to be reported moving forward. Also reviewed were the key statistics of the audit including the cash and investments, net position, operating income and depreciation expense as well as debt service. Mr. Mullinix advised the Board that while the audited financials still need LGC approval, he did not foresee any issues.

Mr. Bailey moved to accept the 2018/2019 Audit Report as presented by staff. Mr. Ricker seconded the motion and it carried unanimously.

B. Adoption of the Asheville Regional Airport Five-Year Capital Improvement Plan (CIP) for FY 2021-2025: Michael Reisman remarked that the CIP is a requirement for all airports by the FAA and helps the FAA, NCDOT and Authority staff plan for projects already underway or planned in the future. Mr. Reisman stated that the combined totals for FY2021-2025 amount to a little over \$300,000,000 and include apron expansions and improvements, roadway and parking lot rehabilitation as well as the terminal expansion.

Mr. Galbraith moved to adopt the Asheville Regional Airport Five Year Capital Improvement Plan for FY 2021-2025. Mr. Erwin seconded the motion and it carried unanimously.

C. Approve Award of Contract to Patton Construction Group for Terminal Building – Phase I Utility Modernization: Michael Reisman informed the Board that three bids for the Utility Modernization project were received the second time the project was put out for bid. Patton Construction Group submitted the lowest bid in the amount of \$1,868,160.00. The project will be funded with airport funds and is included within the \$25,000,000 budgeted for the terminal building expansion in the current fiscal year budget.

Mr. Erwin moved to approve award of contract to Patton Construction Group for the Phase I Utility Modernization project in the amount of \$2,054,976.00 (\$1,868,160.00 plus \$186,816.00 allowance) and authorize the Executive Director to execute the necessary documents. Mr. Bailey seconded the motion and it carried unanimously.

D. Approve Task Order No. 1 for Rental Car Facility Assessment: Jared Merrill informed the Board that staff is working towards a new agreement with the rental car companies. Mr. Merrill stated that it will be necessary to document details of the current conditions of the rental car facilities to implement improvements as well as requirements for on-going maintenance of the facilities. Task Order No. 1 with CHA provides for the completion of a facility assessment of the rental car service center. The fee to complete the assessment is \$119,913.00 and will be paid for utilizing Customer Facility Charge (CFC) funds. Mr. Merrill further stated that the following budget amendment will be necessary:

BE IT ORDAINED by the Greater Asheville Regional Airport Authority that the following amendment be made to the annual budget ordinance for the fiscal year ending June 30, 2020:

Section 1. To amend the appropriations as follows:

EXPENDITURES:

	<u>Decrease</u>	<u>Increase</u>
Renewal & Replacement	_____	_____ \$119,913.00
Totals	_____	_____ \$119,913.00

This will result in a net increase of \$119,913.00 in the appropriations. Revenues will be revised as follows:

REVENUES:

	<u>Decrease</u>	<u>Increase</u>
CFC Funds	_____	_____ <u>\$119,913.00</u>
Totals	_____	_____ <u>\$119,913.00</u>

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Greater Asheville Regional Airport Authority, and to the Budget Officer and to the Finance Officer for their direction.

Adopted this 15th day of November 2019.

Matthew Burrell, Chair

Attested by:

Ellen Heywood, Clerk to the Board

The Board questioned if the lease agreement with the rental car companies includes a provision to charge back the rental car companies for maintenance that they failed to complete. The Director stated that language to this effect can be included in the lease agreement and the airport does charge back the rental car companies. Currently the CFC funds that are currently being collected are being used to pay down the debt service on the parking garage, however, some of those funds could be used for facility improvements.

Mr. Ricker moved to approve Task Order No. 1 with CHA in the amount of \$119,913.00, authorize the Executive Director to execute the necessary documents, and amend the FY 2019/2020 budget by adopting the budget ordinance amendment presented by staff. Mr. Galbraith seconded the motion and it carried unanimously.

E. Approve Award of Contract to Chatham Civil Contracting, LLC for Parking Lot Construction Project: Michael Reisman provided a brief summary of the issues staff experienced with bidding this project over the last few months. At the last bid opening, Chatham Civil Contracting, LLC submitted the lowest responsive bid in the amount of \$1,870,432.90 and \$34,898.00 for Add Alternate No. 1 for a total bid of \$1,905,330.90. Mr. Reisman further stated that an additional cost of \$92,930.00 will be needed for equipment and infrastructure which includes credit card equipment, gate arms, bus shelters, etc. A review of the areas for the additional parking was provided.

Mr. Reisman stated that the project will be funded with airport funds and will require the following budget amendment:

BE IT ORDAINED by the Greater Asheville Regional Airport Authority that the following amendment be made to the annual budget ordinance for the fiscal year ending June 30, 2020:

Section 1. To amend the appropriations as follows:

EXPENDITURES:

	<u>Decrease</u>	<u>Increase</u>
Capital Improvements		<u>\$2,188,793.90</u>
Totals	<u>\$0</u>	<u>\$2,188,793.90</u>

This will result in a net increase of \$2,188,793.90 in the appropriations. Revenues will be revised as follows:

REVENUES:

	<u>Decrease</u>	<u>Increase</u>
Transfer from GARAA Cash		<u>\$2,188,793.90</u>
Totals	<u></u>	<u>\$2,188,793.90</u>

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Greater Asheville Regional Airport Authority, and to the Budget Officer and to the Finance Officer for their direction.

Adopted this 15th day of November 2019.

Matthew Burrell, Chair

Attested by:

Ellen Heywood, Clerk to the Board

Mr. Bailey moved to approve award of contract to Chatham Civil Contracting, LLC for the parking lot construction project in the amount of \$2,095,863.90 (\$1,905,330.90 plus \$190,533.00 allowance), plus equipment and infrastructure costs of \$92,930.00, authorize the Executive Director to execute the necessary documents, and amend the FY2019/2020 budget by adopting the budget ordinance amendment presented by staff. Mr. Ricker seconded the motion and it carried unanimously.

DIRECTOR'S REPORT: The Director advised the Board that he had a few additional items to include that were not on the agenda.

A. Status of State Grant: The Director reported that the Governor signed the mini transportation budget that provides approximately \$78 million for the 10 commercial airports in the state. Funds are expected to be released after the first of the year and Asheville should receive approximately \$5 million each year. These funds are now a recurring item and should be in the state's budget each year.

B. Holiday Parking Update: Shuttle services will start the week of Thanksgiving. A temporary lot across NC280 with some temporary fencing will be constructed. Passengers can pre-pay at the main parking lot exit booth and the shuttle will be available for the passengers.

C. United Way: The Director was pleased to report that 62% of Authority employees pledged to the United Way campaign this year, raising \$12,312.00 which surpassed the goal of \$11,900 set by United Way.

D. Marketing Awards: The Director reported that ACI's annual Marketing conference was recently held and Asheville received two awards: Honorable Mention for Overall Marketing Programs and Honorable Mention for Overall Public Relations Programs.

E. Mission Health Grant: As part of the grant Mission Health received from the North Carolina Appalachian Regional Commission, an onsite health clinic for employees was implemented and is held weekly for two hours through the month of January.

F. Parking Tickets: The City of Asheville has agreed in principle to process the parking tickets issued at the airport, but it needs City Council approval. City staff is working it through the ordinance process. The City will keep the revenue.

G. ATC Tower: The Director reported that the FAA has begun the process of looking for a new tower site. The Director and staff will travel to New Jersey in January to visit the FAA's lab where a 3D working model of the airport will be used to determine possible site locations.

H. Parking Update: To help with some complaints and confusion experienced by passengers with regard to the options available for parking, staff is implementing a color-coded system to differentiate the parking lots. A colored strip may also be painted in the drive lane of the parking lots to coincide with the signage that will be erected.

I. ACI World Governing Board (WGB) Meeting: The Director summarized the topics discussed during a WGB meeting he attended the previous month in Colombia. The Director further stated that ACI had a seat at the tri-annual assembly of International Civil Aviation Organization (ICAO), an agency of the United Nations that sets standard and recommendations for practices and policies globally. ACI is the only trade association from the airport side that has a seat with ICAO.

INFORMATION SECTION: No comments

PUBLIC AND TENANTS COMMENTS: None

CALL FOR NEXT MEETING: The Chair stated that the next regular meeting of the Authority Board will be held on December 13, 2019.

AUTHORITY MEMBER REPORTS: None

CLOSED SESSION: At 9:31 a.m. Mr. Bailey moved to go into Closed Session Pursuant to Subsections 143-318.11 (a)(3) and (4) of the General Statutes of North Carolina to Consult with Legal Counsel in Order to Preserve the Attorney-Client Privilege and to Discuss Matters Relating to the Location and/or Expansion of Industries or Other Businesses in the Area Served by the Greater Asheville Regional Airport Authority, Including Agreement on a Tentative List of Economic Development Incentives that may be Offered by the Greater Asheville Regional Airport Authority in Negotiations. Mr. Erwin seconded the motion and it carried unanimously.

The Chair indicated they would break for five minutes at which time the Board would resume in closed session.

Open Session resumed at 11:06 a.m.

GREATER ASHEVILLE REGIONAL AIRPORT AUTHORITY NOVEMBER 15, 2019

CLOSED SESSION MINUTES: Mr. Bailey moved to seal the minutes for the Closed Session just completed and to withhold such Closed Session minutes from public inspection so long as public inspection would frustrate the purpose or purposes thereof. Mr. Erwin seconded the motion and it carried unanimously.

GREATER ASHEVILLE REGIONAL AIRPORT AUTHORITY OCTOBER 11, 2019

CLOSED SESSION MINUTES: Mr. Bailey moved to approve the minutes for the October 11, 2019 Closed Session and to seal and withhold the minutes for the October 11, 2019 Closed Session from public inspection so long as public inspection would frustrate the purpose or purposes thereof. Mr. Galbraith seconded the motion and it carried unanimously.

SETTLEMENT OF CLAIMS WITH GLF CONSTRUCTION: Ms. Rice reported that all claims asserted by GLF Construction, Inc., the contractor for Phase 3 of the Airfield Re-development Project, have been resolved, as have the Authority's claims for liquidated damages against GLF. GLF completed all of the required remedial work, and resolution was in accordance with the Board's prior instructions to Administration and a Settlement Agreement has been executed. Ms. Rice reviewed the terms of the settlement and requested that the following Settlement Agreement be incorporated into the minutes:

[INTENTIONALLY LEFT BLANK]

MUTUAL RELEASE AND SETTLEMENT AGREEMENT

This is a Mutual Release and Settlement Agreement (“Settlement Agreement”) between GLF Construction Corporation (the “Contractor”), and Greater Asheville Regional Airport Authority (the “Owner”) (collectively the “Parties”). The Settlement Agreement is effective once it is executed by all Parties (“Effective Date”).

RECITALS

- A. WHEREAS, the Owner is the owner and operator of the Asheville Regional Airport (hereinafter “the Airport”);
- B. WHEREAS, on or about March 15, 2016, the Owner and the Contractor entered into a Contract (“Contract”) whereby the Contractor agreed to serve as the General Contractor and supply labor, material, and equipment to Owner in connection with a construction project at the Airport known as the Permanent Runway 17-35 Construction, Bid Package 3, Site Preparation and Nav aids (the “Project”).
- C. WHEREAS, a dispute arose between the parties regarding work performed by the Contractor and regarding payments made by the Owner, pursuant to the Contract.

Notwithstanding their dispute, the Contractor and the Owner now wish to resolve the dispute and close out the Project in accordance with the terms of this Settlement Agreement. The compromises inherent in this Settlement Agreement are in no way intended as an admission by either party, and by entering into this Settlement Agreement, neither Party is making an admission of liability towards any other Party involved in this Settlement Agreement.

AGREEMENT

For the foregoing reasons and others, the Contractor and the Owner, for good and sufficient consideration, the sufficiency of which is acknowledged, hereby agree as follows:

1. *Payment.* The Owner will pay to the Contractor the sum of \$659,903.41 within fifteen (15) business days of the date of the execution of this Settlement Agreement. Owner will pay to Contractor an additional \$100,000 in held retainage within ten (10) days of Contractor’s completion of any and all punch list items. This total payment (the “Settlement Amount”) of \$759,903.41 represents all amounts owed and to be paid to Contractor in connection with the Project, and the Contractor hereby acknowledges that upon receipt of the full \$759,903.41 no further amounts are owed by the Owner. The Parties have agreed that the full and final punch list will be prepared by the Owner and provided to the Contractor after the flight check for the new permanent runway is completed.

2. *Release by Contractor.* Upon receipt of and in exchange for the Settlement Amount in good funds, and without any further action on its part, Contractor, for itself, its agents, its representatives, its affiliates, its successors and assigns, its shareholders, its directors, its officers, its employees, its attorneys, its bonding company and its insurers, release and forever discharge the Owner, its agents, its representatives, its affiliates, its successors and assigns, its members, its Board, its officers, its employees, its attorneys, its corporate and individual sureties, and its insurers from any and all liens (including liens against the real property on which the Project is located) claims, demands, costs, liabilities, actions, and causes of action, of every nature, whether in law or in equity, known or unknown, suspected or unsuspected, that exist as of Effective Date of this Settlement Agreement and arise out of or relate in any way to the Contract, the Project or the dispute stated above, save and except for any breach of the Owner's obligations in this Settlement Agreement. The Parties agree that there are no additional unnamed third-party beneficiaries of this Settlement Agreement, and that nothing in this Settlement Agreement shall be construed as a release or waiver by Contractor of any of its claims or rights, whether past or future, against any of Contractor's subcontractors.

3. *Release by Owner.* Owner agrees that conditional upon: (1) the execution of the Settlement Agreement by all Parties and (2) the payment of the Settlement Amount, and without any further action on its part, Owner for itself, its agents, its representatives, its affiliates, its successors and assigns, its members, its Board, its employees, its attorneys, release and forever discharge Contractor, its agents, its representatives, its successors and assigns, its shareholders, its directors, its officers, its employees, its attorneys, its bonding company, and insurers from all known breach of contract and negligence claims, demands, costs, liabilities, actions, and causes of action, that exist as of the Effective Date of this Settlement Agreement and arise out of or relate in any way to the Contract, the Project or the dispute stated above. The Parties agree that the foregoing release does not alter, impact or limit, in any way: the ongoing warranty obligations Contractor has to Owner; Contractor's ongoing indemnity obligations and other obligations as specified in this Agreement; or Owner's rights with respect to unknown claims, demands, costs, liabilities, actions or causes of action in equity, resulting from the Contractor's breach of contract, or resulting from the negligent acts or omissions of Contractor, its agents, employees, subcontractors or suppliers on the Project.

4. *No Impact on Warranty Claims.* The Parties hereby agree that nothing contained in this Settlement Agreement shall eliminate, reduce, or modify, in any way, the Contractor's (or any of its subcontractors') ongoing obligations and responsibilities pursuant to any warranties pursuant to the Contract.

5. *Cooperation.* The Owner agrees that in the event that Contractor requires document production or testimony regarding the Project in order to allow Contractor to pursue its claims against any of its subcontractors, Owner will reasonably cooperate in providing the necessary documents and testimony to substantiate the work performed

and the value of the Contactor's claim. Each party shall perform all acts and shall execute and deliver all additional documents reasonably necessary to carry out the provisions of this Settlement Agreement.

6. *Entire Agreement.* This Settlement Agreement contains the entire understanding between the Parties with respect to the subject matter and therefore supersedes all prior agreements, written or oral, with respect to the subject matter.
7. *Binding on Successors.* This Agreement shall be binding upon and shall inure to the benefit of the successors, heir and assigns of the Parties hereto.
8. *Mutual Non-Disparagement.* The Parties agree to refrain from any disparagement, criticism, defamation or slander of the other.
9. *Severability.* If any court subsequently determines that one or more of the provisions of this Settlement Agreement are unlawful, then the provisions deemed unlawful, and only those provisions, shall be rendered void and shall be considered severed from the other terms and conditions of this Settlement Agreement.
10. *Effectiveness:* The Parties agree that in any dispute or litigation which arises out of or relates to the enforcement of any or all provisions of this Settlement Agreement, a fully-executed copy of this Settlement Agreement shall be deemed authentic and admissible in any court of law or dispute resolutions proceeding. Further, the Parties agree that the Settlement Agreement shall be valid and enforceable even if the original signature of one party was made on a separate page than the original signature of another party.
11. *Investigation of Subject Matter.* The parties agree that they have executed this Settlement Agreement based on their own knowledge and their own investigation of the facts, and that this Settlement Agreement is not executed in reliance upon any statement of any person connected with, representing or represented by any of the entities hereby released.
12. *Binding Effect.* This Settlement Agreement is binding upon and shall inure to the benefit of the parties hereto and their assignees and successors in interest.
13. *Contractual Terms.* The terms of this Settlement Agreement are contractual and not merely a recital. This Settlement Agreement may not be altered or amended except by an agreement in writing duly executed by both of the parties hereto.
14. *Attorney's Fees.* The Parties agree that each party shall be responsible for its own costs, fees and expenses incurred in connection with the prosecution, defense and settlement of this dispute. If any action is filed to enforce any provision of this Settlement Agreement, the prevailing party in such dispute as determined by the adjudicator shall be entitled to recover from the other party all reasonable fees, costs,

and expenses including, without limitation, reasonable fees and expenses of attorneys and accountants, including all fees, costs, and expenses of appeals.

15. *Governing Law and Injunctive Relief.* This Settlement Agreement shall be interpreted, construed, and enforced according to the laws of the State of North Carolina

16. *Indemnity.* Contractor agrees to indemnify and hold harmless the Owner and its present and future members, officers, agents and employees, from and against all liabilities, claims, damages, causes of action, losses, costs and expenses, including, but not limited to, attorney's fees, arising out of or resulting from claims for non-payment, whether at law or in equity, asserted by any of the subcontractors that worked for Contractor on the Project or suppliers that provided materials to the Project.

17. *Warranties.*

- a. Each party warrants that it has made no prior assignment of its claims against the other.
- b. Each party, and the individual signing this Settlement Agreement on its behalf, warrants to the other party that the individual signing this Settlement Agreement on the party's behalf is authorized to do so.
- c. Each party warrants that it has had the opportunity to review this Settlement Agreement, negotiate it, and discuss it with counsel and any other parties it deems appropriate. As a result, each party agrees that it is not entitled to construe the Settlement Agreement against the other as the drafter.
- d. Each party agrees to defend, indemnify, and hold the other harmless from any claims that arise as a result of a breach of these warranties.

AGREED:

GLF Construction Corporation.

Printed Name: _____

Date Executed by GLF Construction Corporation: _____

Greater Asheville Regional Airport Authority

Printed Name: LEW BLEIWEIS

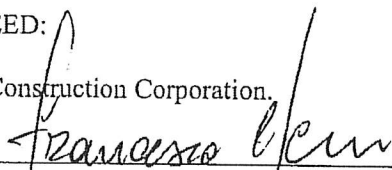
Date Executed by GARAA: 10-17-19

and expenses including, without limitation, reasonable fees and expenses of attorneys and accountants, including all fees, costs, and expenses of appeals.

15. *Governing Law and Injunctive Relief.* This Settlement Agreement shall be interpreted, construed, and enforced according to the laws of the State of North Carolina
16. *Indemnity.* Contractor agrees to indemnify and hold harmless the Owner and its present and future members, officers, agents and employees, from and against all liabilities, claims, damages, causes of action, losses, costs and expenses, including, but not limited to, attorney's fees, arising out of or resulting from claims for non-payment, whether at law or in equity, asserted by any of the subcontractors that worked for Contractor on the Project or suppliers that provided materials to the Project.
17. *Warranties.*
 - a. Each party warrants that it has made no prior assignment of its claims against the other.
 - b. Each party, and the individual signing this Settlement Agreement on its behalf, warrants to the other party that the individual signing this Settlement Agreement on the party's behalf is authorized to do so.
 - c. Each party warrants that it has had the opportunity to review this Settlement Agreement, negotiate it, and discuss it with counsel and any other parties it deems appropriate. As a result, each party agrees that it is not entitled to construe the Settlement Agreement against the other as the drafter.
 - d. Each party agrees to defend, indemnify, and hold the other harmless from any claims that arise as a result of a breach of these warranties.

AGREED:

GLF Construction Corporation.



Printed Name: FRANCESCO SENIS, PRESIDENT & CEO

Date Executed by GLF Construction Corporation: October 16, 2019

Greater Asheville Regional Airport Authority

Printed Name: _____

Date Executed by GARAA: _____

ADJOURNMENT: Mr. Erwin moved to adjourn the meeting at 11:10 a.m. Mr. Galbraith seconded the motion and it carried unanimously.

Respectfully submitted,

Ellen Heywood
Clerk to the Board

Approved:

Matthew C. Burrell
Chair



MEMORANDUM

TO: Members of the Airport Authority

FROM: Janet Burnette
Director of Finance and Accounting

DATE: December 13, 2019

ITEM DESCRIPTION – Consent Item B

Approval of an Amendment to the FY2019/2020 Budget for Purchase of Ground Transportation Lot Equipment

BACKGROUND

As previously discussed with the Authority Board, improvements to the Ground Transportation Lot are necessary. We are proposing the installation of a credit card only, pay on foot access system for the lot. This system will allow ground transportation operators to credit funds into their accounts without the assistance of Authority staff. It will also allow us to eliminate the handling of cash in our operations. The cost of this equipment is \$22,482.

ISSUES

None.

ALTERNATIVES

None.

FISCAL IMPACT

The budget amendment will increase both FY19/20 budgeted revenues and expenditures by \$22,482.

RECOMMENDED ACTION

It is respectfully requested that the Authority Board resolve to amend the FY2019/2020 budget by adopting the following budget ordinance amendment:

Consent - Item B



MEMORANDUM

TO: Members of the Airport Authority

FROM: Michael A. Reisman, A.A.E.
Deputy Executive Director

DATE: December 13, 2019

ITEM DESCRIPTION – New Business Item A

Approval of Memorandum of Agreement (MOA) Between the Federal Aviation Administration and the Greater Asheville Regional Airport Authority (GARAA) for the Asheville Regional Airport, Airport Traffic Control Tower and Terminal Radar Approach Control Facility Replacement Project

BACKGROUND

The necessity to design and construct a new air traffic control tower and related facilities on the airport is tied in part to the Terminal Modernization Project. The FAA is presently underway with conducting a Siting Study to identify the location of a new air traffic control tower and related facilities. It is understood that in order to complete this project within the timeline required to accommodate the terminal project, the design and construction of these facilities must be undertaken by the airport. Once complete, the FAA will lease or reimburse the Authority for its investment over a time period yet to be determined. As part of the routine FAA process for such a project, an MOA that identifies the responsibilities of the Authority and the FAA in the replacement of the facilities is typically in place by a certain milestone in the Siting Study process, which is scheduled for the end of January, 2020.

ISSUES

None.

ALTERNATIVES

None.

New Business – Item A



FISCAL IMPACT

There is no immediate fiscal impact associated with entering into this MOA, but it does commit GARAA to fund the design and construction of the Air Traffic Control Tower and Terminal Radar Approach Control Replacement Project as the program is further identified and refined. These financial commitments will be brought to the Board for its approval at the appropriate time.

RECOMMENDED ACTION

It is respectfully requested that the Airport Authority Board resolve to (1) approve the MOA between the FAA and GARAA for the Air Traffic Control Tower and Terminal Radar Approach Control Replacement Project; and (2) authorize the Executive Director to execute the necessary documents.



MEMORANDUM

TO: Members of the Airport Authority

FROM: Michael A. Reisman, A.A.E.
Deputy Executive Director

DATE: December 13, 2019

ITEM DESCRIPTION – New Business Item B

Approval of Task Order No. 2, Part B with GS&P N.C. an Affiliate of Gresham Smith and Partners for Terminal Building Phase 2 Modernization Design Services

BACKGROUND

The Authority entered into an Agreement for Professional Consulting Services with GS&P N.C. an Affiliate of Gresham Smith and Partners (Gresham Smith) on August 14, 2018, which was revised through Board action on September 6, 2019. The scope of services included design and engineering services associated with the Terminal Building expansion and renovation project. The Board approved Scope of Services 2, Part A on August 9, 2019, which included only Phase I of design services included in the overall scope of work of the terminal project. This was limited to design development and schematic design. The scope of Task Order No. 2, Part B includes all remaining work associated with design and construction services for the overall project.

An Independent Fee Estimate was previously conducted by staff and approved by the FAA prior to the approval of Scope of Services 2, Part A.

ISSUES

The FAA has announced its plans to provide \$10M in AIP funding to GARAA for this design project. The full cost of design services must be under contract in advance of the issuance of the grant in order for the Authority to be eligible for the full amount of the grant.

ALTERNATIVES

None.

New Business – Item B



FISCAL IMPACT

The fee for Phase II of this project is \$8,638,889.50, which includes half of the reimbursable expenses included in the overall fee proposal. The total cost of both phases is \$12,608,794.00. A Notice to Proceed with this phase will not be issued until such time as it is necessary, and after approval has been received from the FAA.

The approved costs are included in the current fiscal year's capital budget for the terminal project, for which \$25M has been included, and will be funded up to \$10M (for both Scope 2, Part A and Part B) with FAA AIP funds, and the balance with Airport Funds.

RECOMMENDED ACTION

It is respectfully requested that the Airport Authority Board resolve to (1) approve Task Order No. 2, Part B with GS&P N.C. an Affiliate of Gresham Smith and Partners in the amount not to exceed \$8,638,889.50; and (2) to authorize the Executive Director to sign the necessary documents.

Consultant Scope of Services

Greater Asheville Regional Airport Authority
TASK ORDER NO. 2, PART B

This is a Contract for Consultant's **SCOPE OF SERVICES** (as referenced in the Agreement for Professional Consulting Services between Greater Asheville Regional Airport Authority and GS&P, N.C., an Affiliate of Gresham Smith & Partners between the Authority and Consultant dated August 14, 2018 (hereinafter "Master Agreement")) **FOR TASK ORDER NO. 2, PART B ("Contract")**, made as of the ___ day of _____, 2019, between the GREATER ASHEVILLE REGIONAL AIRPORT AUTHORITY, 61 Terminal Drive, Suite 1, Fletcher, North Carolina 28732 (hereinafter "Authority") and GS-NC, P.C., f/k/a GS&P, N.C., AN AFFILIATE OF GRESHAM SMITH & PARTNERS, a Corporation with office located at 201 South College Street, Suite 1950, Charlotte, NC 28244 (hereinafter "Consultant") (hereinafter Authority and Consultant are collectively the "Parties").

Overall Project: Phase 2 Terminal Modernization

Overall Project Budget: TBD, but estimated at between \$150,000,000 to \$200,000,000.

Overall Project Scope of Work: Over the course of the Project, Consultant and its sub-consultants may be asked to provide professional consulting services, including Architectural and Engineering Design Services, from Conceptual Design through the Bidding/Permitting Phase, including, but not limited to: Overall Project Management, architecture, interior design, wayfinding, structural, mechanical, plumbing, electrical, fire protection, airside civil, landside civil, SUE, special systems, aircraft planning, geotechnical, civil survey, passenger simulations, envelope review, cost estimating, laser scanning and blast mitigation for Phase 2 Modernization (hereinafter "Professional Consulting Services").

WITNESSETH:

WHEREAS, Authority desires to engage Consultant to provide the Scope of Services necessary for the completion of Task Order No. 2, Part B of the Project, and Consultant is desirous of providing such Scope of Services to Authority.

NOW THEREFORE, in consideration of the mutual covenants hereinafter contained, and contained in the Master Agreement between the Parties, the Parties agree as follows:

Incorporated Terms and Provisions: The Parties agree that the Master Agreement, as well as the following documents, which are attached hereto as Exhibits A through C, are incorporated into this Contract by reference, as if fully set forth herein:

- 1) **Exhibit A:** Consultant's Scope of Work/Proposal Dated March 29, 2019
- 2) **Exhibit B:** Consultant's Fee Proposal for Task Order No. 2
- 3) **Exhibit C:** Mandatory Federal Contract Provisions

Task Order No. 2, Part B: Task Order No.2, Part B consists of the Design Development, Construction Documents and Bidding phases of the Project.

Scope of Services for Task Order No. 2, Part B: The Scope of Services for Task Order No.2, Part B consists of those Professional Consulting Services necessary for the Design Development, Construction Documents and Bidding phases of the Project, as such services are identified in the **"SCOPE OF SERVICES"**, beginning on Page 3 of Exhibit A, and includes all necessary meetings and deliverables identified therein (hereinafter "Scope of Services"). Consultant hereby agrees to provide the Scope of Services in accordance with the design schedule indicated below, for the lump sum fee indicated below.

Design Schedule: The Parties agree that the design schedule for the Scope of Services shall be as specified in the **"PROPOSED DESIGN SCHEDULE"** on Page 3 of Exhibit A, and as described in the Master Agreement. The Parties further agree that **time shall be of the essence with respect to Consultant's performance of the Scope of Services.**

Fees: The Parties agree that the fees for the Scope of Services shall be a lump sum fee of **\$8,638,889.50**, which fee shall be paid in accordance with the terms of the Master Agreement. This lump sum fee is itemized on the Fee Breakdown on Page 8 of Exhibit A for Design Development ("DD"), Construction Documents ("CD") and Bidding ("BID"), and includes \$8,483,556.00 in fees, plus one-half of the \$310,667.00 in reimbursable expenses to be incurred by Consultant (e.g. travel, printing, shipping and related reimbursable expenses related to the Scope of Services) (as such reimbursable expenses are identified in Exhibit B and more particularly described in Exhibit A).

Consultant's Assurances: Consultant hereby represents, acknowledges and agrees that: (1) Consultant must comply with and conform to all applicable Local, State and Federal Laws, Regulations and Ordinances in performance of the Scope of Services. (2) Consultant and its Sub-Consultants are knowledgeable as to any and all codes, rules, laws and regulations applicable in the jurisdiction where the Project is located and applicable to the funding sources for the Project, including, without limitation, the following: Buncombe County local ordinances and codes; Henderson County local ordinances and codes; North Carolina laws, rules, regulations and grant requirements; and Federal laws, rules, regulations, advisory circulars, and grant requirements; including, but not limited to the requirements of: the Federal Aviation Administration ("FAA"), Federal Transportation Security Administration ("TSA"), North Carolina Department of Transportation ("NCDOT"), and the Authority's FAA Grant Assurances. (3) In the performance of the Scope of Services Consultant and its Sub-Consultants shall comply with all such laws, codes, rules, regulations, advisory circulars, grant requirements, and assurances now in effect or as may be amended or adopted during the term of the Master Agreement between the Parties. (4) Consultant shall insert all required local, State or Federal provisions (whether FAA, TSA, NCDOT or other) in its Sub-Consultant agreements for the Project, (5) Consultant represents that it and its Sub-consultants are all experienced and fully qualified to perform the Scope of Services contemplated by this Contract and that it and its Sub-consultants are properly licensed in the State of North Carolina and pursuant to all applicable Federal, State and Local laws, rules and regulations, to perform the Scope of Services; **AND** Consultant agrees to provide, and agrees to require its Sub-Consultants to provide, a copy of each Sub-Consultant contract and each lower-tier Sub-Consultant contract to the Authority for their records.

Mandatory Federal Contract Provisions: Consultant hereby agrees to comply with the provisions contained in Exhibit C, and acknowledges that breach of any of the terms contained in Exhibit C shall constitute a material breach of this Contract and of the Master Agreement.

Indemnity: The Parties hereby agree to replace Section 7.3 of the Master Agreement by deleting Section 7.3 in its entirety and replacing it with the following: *“Consultant shall indemnify and hold harmless Authority and its present and future members, board, officers, directors, agents and employees, from and against all liabilities, claims, losses, damages, costs and expenses (including, but not limited to, attorney fees) arising out of or resulting from the sole negligence of Consultant and/or its agents, employees and/or sub-consultants, and such fault of Consultant or its derivative parties is the proximate cause of the liabilities, claims, losses, damages, costs and expense (including, but not limited to, attorneys fees). Consultant shall be directly responsible for any additional costs, above first costs, incurred by the Authority, as a result of the fault of Consultant, its agents, employees or sub-consultants. This indemnity shall survive the expiration or any early termination of the Master Agreement.”*

Conflicts: In the event that any provision contained in this Contract is in conflict with, or is inconsistent with, any provision in Exhibits A through C, the provisions contained in this Contract shall govern and control over Exhibits A through C. In the event that any provision contained in this Contract is in conflict with, or is inconsistent with, any provision in Exhibit C, the provisions contained in Exhibit C shall govern and control.

Severability: If any of the terms, conditions or provisions of this Contract, the Exhibits or any portions of thereof, shall contravene or be invalid under the laws or regulations of the United States or the State of North Carolina or any of their respective agencies, departments or subdivisions, such contravention or invalidity shall not invalidate the whole Contract or Exhibit, but this Contract or the Exhibit shall be construed as if not containing the particular term, condition or provision, or portion thereof, held to be in contravention or invalid, and the rights and obligations of the Parties hereto shall be construed accordingly.

IN WITNESS WHEREOF, the Parties hereto have made an executed this Contract as of the date and year first above written.

Authority:

Greater Asheville Regional Airport Authority

By: _____
Executive Director

Date: _____

Consultant:

GS-NC, P.C., an affiliate of Gresham Smith & Partners

By: _____
Regional Vice President

Date: _____

This instrument has been pre-audited in the manner required by local government and fiscal control.

Finance Director

Date

Fee Breakdown

Overall Fee		Labor Total	Conceptual	SD	DD	CD	BID	TRAVEL	REIMBURSABLE
Gresham Smith	Project Management	\$ 5,283,500	\$ 768,800	\$ 963,400	\$ 1,244,400	\$ 1,767,500	\$ 539,400	\$ 96,680	\$ 20,000
Gresham Smith	Architecture - Envelope	\$ -	(included above)	(included above)	(included above)	(included above)	(included above)	(included above)	
Gresham Smith	Architecture - Interior	\$ -	(included above)	(included above)	(included above)	(included above)	(included above)	(included above)	
Gresham Smith	Interior Design	\$ 699,900	\$ 14,800	\$ 154,100	\$ 210,600	\$ 307,000	\$ 13,400	\$ 10,215	
Gresham Smith	Structural	\$ 1,083,750	\$ 48,350	\$ 222,750	\$ 314,030	\$ 467,050	\$ 31,570	\$ 25,740	
Gresham Smith	Way Finding	\$ 248,000	\$ 38,500	\$ 58,500	\$ 65,000	\$ 74,000	\$ 12,000	\$ 9,080	
AME	Mechanical, Plumbing + Electrical	\$ 2,380,500	\$ 104,020	\$ 182,035	\$ 930,200	\$ 1,138,240	\$ 26,005	\$ 69,120	
Delta Airport Consultants	Aircraft/PBB Planning, Airside Civil	\$ 553,000	\$ 112,180	\$ 111,492	\$ 137,204	\$ 180,556	\$ 11,568	\$ 4,500	
Arora Engineers	Fire Protection	\$ 259,478	\$ 48,198	\$ 47,019	\$ 58,971	\$ 96,440	\$ 8,850	(included below)	
Arora Engineers	Special Systems	\$ 480,210	\$ 69,456	\$ 93,900	\$ 122,540	\$ 182,946	\$ 11,368	\$ 21,116	
Vaughn & Melton	Landside civil + SUE	\$ 253,495	\$ 33,860	\$ 53,060	\$ 49,765	\$ 75,450	\$ 41,360		\$ 5,000
Connico	Cost Estimating	\$ 70,000	\$ 13,600	\$ 25,100	\$ 16,500	\$ 14,800	-	\$ -	\$ 5,500
JSM & Associates	Baggage Handling	\$ 367,840	\$ 90,283	\$ 109,148	\$ 107,415	\$ 53,845	\$ 7,150	\$ 17,110	
S&ME	Geotech	\$ 64,849	\$ 64,849	-	-	-	-	\$ -	
Vaughn & Melton	Survey	\$ 74,050	\$ 74,050	-	-	-	-	\$ -	
TransSolutions	Passenger Simulation	\$ 144,935	\$ 129,655	\$ 15,280	-	-	-	\$ -	\$ 14,742
Arora Engineers	Code Consulting	\$ 61,040	\$ 6,976	\$ 13,080	\$ 13,080	\$ 26,160	\$ 1,744	\$ -	
DBS	Laser Scanning	\$ 99,660	\$ 99,660	-	-	-	-	\$ -	
CMC	Envelope Review	\$ 49,920	-	-	\$ 12,480	\$ 37,440	-	\$ 5,664	\$ 1,200
Thornton Tomasetti	Blast Mitigation	\$ 124,000	\$ 17,922	\$ 30,549	\$ 37,771	\$ 34,049	\$ 3,710	\$ 5,000	
				\$ 3,814,571			\$ 8,483,556	\$ 264,225	\$ 46,442

LABOR	\$ 12,298,127
TRAVEL	\$ 264,225
REIMBURSABLE	\$ 46,442
TOTAL LUMP SUM FEE	\$ 12,608,794

Exclusions:
 Landscaping
 Material Testing
 Environmental (hazardous material)
 Other items listed in Scope of Work document

Hours Breakdown - (GS Architecture + Project Mangement)														
AVL Phase 2 Terminal Modernization														
GS Project Number														
4/9/2019														
Conceptual - Bidding	VP	PIC	PM	Project Designer	Project Architect	Senior Architect	Architect (X2)	Project Coordinator (X3)	Senior Interior Designer	Interior Designer	Interior Design Intern (X2)	PM Assistant	Admin Assistant	Total
Task Description														
1 Task 1- Conceptual (12 weeks)	160	160	480	400	480	20	900	900	40	100	400	200	40	
2 Document Control and Project Set-up	30	30	40	20	20		80	80			30			330
3 Field Investigation			20	30	40		80	80			40			290
4 (Departures) Curbside Operations & Passenger Access	10	10	10	30	40		80	80		10	30			300
5 (Departures) Ticketing & Bag Check	10	10	10	30	40		80	80		10	30			300
6 (Departures) Passenger Screening	10	10	10	30	40		80	80		10	30			300
7 (Departures) Holdrooms & Concessions	10	10	10	30	40		80	80		10	30			300
8 (Arrivals) Passenger Exiting	10	10	10	30	40		80	80		10	30			300
9 (Arrivals) Baggage Claim	10	10	10	30	40		80	80		10	30			300
10 (Arrivals) Curbside Operations & Passenger Access	10	10	10	30	40		80	80		10	30			300
11 (Arrivals) Facilities & Circulation	10	10	10	30	40		80	80		10	30			300
12 Overall Programming Tabulations	10	10	10	30	40		40	40	40	10	30			260
13 Review of Record Documents			20	40	20		40	40		10	30			200
14 Compile As-built Documentation & site Analysis			10	40	20		20	20			30			140
15 Project Management & Consultant Coordination	40	40	300		20	20						200	40	660
16 Task 2- Schematic Design (12 weeks)	160	160	480	200	480	160	960	1440	360	240	780	200	40	
17 Schematic Documents Preparation- Plans, Elevations, Sections			10	30	40	10	240	400	60	40	240			1070
18 Schematic Design Renderings			10	40	80	10	160	480	60	80	300			1220
19 Phasing Plans	20	20	20	40	80	10	160	160	60					570
20 Design Coordination Meetings	20	20	20	40	80	10	160	160	60	40	80			690
21 Contractor Coordination & Budget Estimate Reviews	20	20	20	40	80	10	160	160	60	40	80			690
22 QA/QC Reviews	20	20	40	10	80	70	80	80	60	40	80			580
23 Project Management, Consultant Coordination & Correspondence	80	80	360		40	40						200	40	840
24 Task 3- Design Development (16 weeks)	140	140	640	460	640	300	1,280	1,920	240	380	672	300	120	
25 Architectural Plans, Elevations, Sections & Details			20	80	220	10	200	300		20	40			890
26 Interior Design Plans, Elevations, Sections & Details			20	80	40	10	200	80	140	200	432			1202
27 Signage & Wayfinding Documents			20	40	40	10	200	300	10	40	40			700
28 Life Safety Analysis & Plans			20	20	40	10	200	300						590
29 60% Technical Specifications			20		40	10	80	100	10	10	40			310
30 Design Development Phasing Plans	10	10	20	80	40	10	80	300	10	10	40			610
31 Design Coordination Meetings	10	10	80	80	80	40	200	300	20	80	40			940
32 Contractor Coordination & Budget Estimate Reviews	40	40	40	80	60	40	80	160	40					580
33 QA/QC Reviews	40	40	40	40	40	120	40	80	10	20	40			470
34 Project Management, Consultant Coordination & Correspondence	40	40	360		40	40						300	120	940
35 Task 4- Construction Documents (24 weeks)	140	140	960	460	960	430	1920	2880	360	480	1220	400	160	
36 Architectural Plans, Elevations, Sections & Details			20	80	640	40	600	1100		40	80			2600
37 Interior Design Plans, Elevations, Sections & Details			20	80	20	20	60	100	200	220	680			1400
38 Signage & Wayfinding Documents			20	80	20	20	180	240		40	80			680
39 Life Safety Analysis & Plans			20	20	40	40	180	240						540
40 Technical Specifications			20	60	40	40	180	240	40	40	60			720
41 Final Phasing Plans	20	20	40	40	40	40	180	240						620
42 Design Coordination Meetings	20	20	40	60	40	40	180	240	40	60	200			940
43 Contractor Coordination & Budget Estimate Reviews	20	20	40	40	40	70	180	240	40	40	80			810
44 QA/QC Reviews			40	40	40	40	180	240	40	40	40			660
45 Project Management, Consultant Coordination & Correspondence	80	80	700		40	80						400	160	1540
46 Task 5- Bidding/Permitting (8 weeks)	80	80	320	20	320	160	640	960	80	120	120	140	40	
47 Contractor Coordination	10	10	20	10	40	20	120	200	20	20	20			490
48 Permit Review Package Submittal			20		40	20	100	140	20	20	20			380
49 Permit Review Meetings			20		40	20	100	140	20	20	20			380
50 Incorporate AHJ Comments			20		40	20	80	120		10	10			300
51 Contractor Coordination- GMP Packages	10	10	20		40	20	80	120		20	20			340
52 Answer Subcontractor RFI's			20	5	40	20	80	120		10	10			305
53 GMP Reviews & Coordination	20	20	40	5	40	20	80	120	20	20	20			405
54 Project Management, Consultant Coordination & Correspondence	40	40	160		40	20						140	40	480
Subtotal Hours	680.00	680.00	2,880.00	1,540.00	2,880.00	1,070.00	5,700.00	8,100.00	1,080.00	1,320.00	3,192.00	1,240.00	400.00	30762
Billing Rate	\$ 295.00	\$ 285.00	\$ 250.00	\$ 230.00	\$ 195.00	\$ 230.00	\$ 150.00	\$ 150.00	\$ 190.00	\$ 140.00	\$ 100.00	\$ 150.00	\$ 105.00	
Subtotal Direct Labor	\$ 200,600.00	\$ 193,800.00	\$ 720,000.00	\$ 354,200.00	\$ 561,600.00	\$ 246,100.00	\$ 855,000.00	\$ 1,215,000.00	\$ 205,200.00	\$ 184,800.00	\$ 319,200.00	\$ 186,000.00	\$ 42,000.00	\$ 5,283,500.00
TOTAL FEE \$														-

Project Fee Proposal - (GS Interior Design)					
AVL Phase 2 Terminal Modernization					
GS Project Number					
4/9/2019					
Conceptual - Bidding	Task Description	Senior Interior Designer	Interior Designer	Interior Design Intern	Total
1	Task 1- Conceptual (12 weeks)	40	40	16	
2	Document Control and Project Set-up			8	8
3	Field Investigation			8	8
4	(Departures) Curbside Operations & Passenger Access	5	5		10
5	(Departures) Ticketing & Bag Check	5	5		10
6	(Departures) Passenger Screening	5	5		10
7	(Departures) Holdrooms & Concessions	5	5		10
8	(Arrivals) Passenger Exiting	5	5		10
9	(Arrivals) Baggage Claim	5	5		10
10	(Arrivals) Curbside Operations & Passenger Access	5	5		10
11	(Arrivals) Facilities & Circulation	5	5		10
12	Overall Programming Tabulations				0
13	Review of Record Documents				0
14	Compile As-built Documentation & site Analysis				0
15	Task 2- Schematic Design (12 weeks)	230	460	460	
16	Schematic Documents Preparation- Plans, Elevations, Sections	30	60	60	150
17	Schematic Design Renderings	40	80	80	200
18	Phasing Plans	40	80	80	200
19	Design Coordination Meetings	40	80	80	200
20	Contractor Coordination & Budget Estimate Reviews	40	80	80	200
21	QA/QC Reviews	40	80	80	200
22	Task 3- Design Development (16 weeks)	300	640	640	
23	Architectural Plans, Elevations, Sections & Details	10	20	20	50
24	Interior Design Plans, Elevations, Sections & Details	80	200	200	480
25	Signage & Wayfinding Documents	40	80	80	200
26	Life Safety Analysis & Plans	10	20	20	50
27	60% Technical Specifications	20	40	40	100
28	Design Development Phasing Plans	40	80	80	200
29	Design Coordination Meetings	40	80	80	200
30	Contractor Coordination & Budget Estimate Reviews	40	80	80	200
31	QA/QC Reviews	20	40	40	
32	Task 4- Construction Documents (24 weeks)	580	820	820	
33	Architectural Plans, Elevations, Sections & Details	20	40	40	100
34	Interior Design Plans, Elevations, Sections & Details	140	400	400	940
35	Signage & Wayfinding Documents	80	160	160	400
36	Life Safety Analysis & Plans	20	20	20	60
37	Technical Specifications	40	40	40	120
38	Final Phasing Plans	80	40	40	160
39	Design Coordination Meetings	80	40	40	160
40	Contractor Coordination & Budget Estimate Reviews	80	40	40	160
41	QA/QC Reviews	40	40	40	120
42	Task 5- Bidding/Permitting (8 weeks)	20	40	40	
43	Contractor Coordination	5	5	5	15
44	Permit Review Package Submittal		10	10	20
45	Permit Review Meetings		5	5	10
46	Incorporate AHJ Comments		5	5	10
47	Contractor Coordination- GMP Packages	5	5	5	15
48	Answer Subcontractor RFI's	5	5	5	15
49	GMP Reviews & Coordination	5	5	5	15
Subtotal Hours		1,170.00	2,000.00	1,976.00	5046
Billing Rate		\$ 190.00	\$ 140.00	\$ 100.00	
Subtotal Direct Labor		\$ 222,300.00	\$ 280,000.00	\$ 197,600.00	
TOTAL \$ 699,900.00					

GS- Wayfinding

Project Fee Proposal - (GS Wayfinding)						
AVL Phase 2 Terminal Modernization						
GS Project Number						
4/9/2019						
Conceptual - Bidding	Task Description	EGD Director	Senior EGD Designer	EGD Designer	Admin Assistant	Total
1	Task 1- Conceptual (12 weeks)	40	120	40	20	
2	Document Control and Project Set-up	20	20	30		70
3	Field Investigation		20			20
4	Review of Record Documents		20			20
5	Overall Programming		60	10		70
6	Project Management, Consultant Coordination & Correspondence	20			20	40
7	Task 2- Schematic Design (12 weeks)	40	200	80	20	
8	(Departures) Curbside Operations & Passenger Access		20	5		25
9	(Departures) Ticketing & Bag Check		20	5		25
10	(Departures) Passenger Screening		20	5		25
11	(Departures) Facilities & Circulation		20	5		25
12	(Arrivals) Passenger Exiting		20	5		25
13	(Arrivals) Baggage Claim		20	5		25
14	(Arrivals) Curbside Operations & Passenger Access		20	5		25
15	(Arrivals) Facilities & Circulation	10	20	5		35
16	Design Coordination Meetings	10	20	20		50
17	QA/QC Reviews	10	20	20		50
18	Project Management, Consultant Coordination & Correspondence	10			20	30
19	Task 3- Design Development (16 weeks)	20	220	120	40	
20	Signage & Wayfinding Documents		60	60		120
21	60% Technical Specifications		20	10		30
22	Building Design Concept & 3-D Modeling		40	20		60
23	Design Coordination Meetings	5	60	30		95
24	QA/QC Reviews	10	40			50
25	Project Management, Consultant Coordination & Correspondence	5			40	45
26	Task 4- Construction Documents (24 weeks)	20	260	100	80	
27	Signage & Wayfinding Documents		100	30		130
28	Technical Specifications		20	10		30
29	Contractor Coordination & Budget Estimate Reviews		20	10		30
30	Design Coordination Meetings	10	20	20		50
31	Coordination with other disciplines		80	20		100
32	QA/QC Reviews	5	20	10		35
33	Project Management, Consultant Coordination & Correspondence	5			80	85
34	Task 5- Bidding/Permitting (8 weeks)	8	34	22	10	
35	Process submittals and RFI's		17	11		28
36	Contractor Coordination- GMP Packages	8	17	11	10	46
Subtotal Hours		128.00	834.00	362.00	170.00	1494
Billing Rate		\$ 225.00	\$ 185.00	\$ 130.00	\$ 105.00	
Subtotal Direct Labor		\$ 28,800.00	\$ 154,290.00	\$ 47,060.00	\$ 17,850.00	
TOTAL					\$	248,000.00

Project Fee Proposal - (GS Structural)							
AVL Phase 2 Terminal Modernization							
GS Project Number							
4/9/2019							
Conceptual - Bidding	Task Description	Structural Director	Senior Structural Designer	Structural Designer	Structural Coordinator	Admin Assistant	Total
1	Task 1- Conceptual (12 weeks)	10	120	40	60	20	
2	Code research - development of design loads		40	10	20		70
3	Revit model of existing conditions				20		20
4	Coordination with geotechnical engineer		20	10	20		50
5	Coordination with Blast Analysis consultant		20	10			30
6	Site visit to review existing conditions		20	10			30
7	Project Management, Consultant Coordination & Correspondence	10	20			20	50
8	Task 2- Schematic Design (12 weeks)	10	360	480	400	20	
9	Develop framing concepts and select a final concept for the building structure		40	60	60		160
10	Develop foundation concepts and select a final concept to support building structure		40	60	60		160
11	Capacity studies of existing building frame for attachment of new framework		40	50	50		140
12	Existing subgrade utility review		40	50	10		100
13	Develop framing concepts for support of vertical circulation elements		40	50	50		140
14	Develop framing concepts where support is required for exterior wall		30	50	50		130
15	Site visits to review and document existing conditions		30	40	40		110
16	Coordination of framing concepts with Architecture		30	40	40		110
17	Coordination with Blast Analysis consultant		30	40	40		110
18	Attend design team meetings						
19	Project Management, Consultant Coordination & Correspondence	10	40	40		20	110
20	Task 3- Design Development (16 weeks)	20	480	600	723	40	
21	Complete design of foundation elements, develop typical foundation details		60	100	160		320
22	Complete design of building structure elements, develop typical framign details		80	120	160		360
23	Complete design of verticular circulation support		40	80	120		240
24	Develop Project Specifications and General Notes for drawings		60	100	123		283
25	Coordination with Architecture/MEP/Civil		60	60	160		280
26	Coordinate with Blast Consultant		60	60			120
27	Attend team meetings, site visits		80	80			160
28	Project Management, Consultant Coordination & Correspondence	20	40			40	100
29	Task 4- Construction Documents (24 weeks)	20	740	930	960	80	
30	Complete design of foundation elements, develop typical foundation details		100	170	260		530
31	Complete design of building structure elements, develop typical framign details		120	200	260		580
32	Complete design of verticular circulation support		100	160	160		420
33	Develop Project Specifications and General Notes for drawings		60	120	120		300
34	Coordination with Architecture/MEP/Civil		120	160	160		440
35	Coordinate with Blast Consultant		80	40			120
36	Attend team meetings, site visits		80	80			160
37	Project Management, Consultant Coordination & Correspondence	20	80			80	180
38	Task 5- Bidding/Permitting (8 weeks)	8	40	80	40	10	
39	Process submittals and RFI's		20	40	20		80
40	Contractor Coordination- GMP Packages	8	20	40	20	10	98
Subtotal Hours		68.00	1,740.00	2,130.00	2,183.00	170.00	6291
Billing Rate		\$ 265.00	\$ 250.00	\$ 175.00	\$ 110.00	\$ 105.00	
Subtotal Direct Labor		\$ 18,020.00	\$ 435,000.00	\$ 372,750.00	\$ 240,130.00	\$ 17,850.00	
TOTAL						\$ 1,083,750.00	

CS-MPE

Project Fee Proposal - AME Consulting Engineers									
AVL - Terminal Modernization Project									
6/10/2019 - Revision #2									
Programming & Conceptual Design		Principal	Director	Senior Engineer	Jr Engineer	Technician	Admin	subtotal	Total
	Task Description								
1	Task 1- Concetpual Design (12 weeks)	100	0	504	0	0	0	\$104,020	
2	Plumbing								0
3	Mechanical	50		252					302
4	Electrical	50		252					302
5	Administrative								0
6	104020								
7	Task 2- Schematic Design (12 weeks)	60	0	883	147	0	42	\$182,035	
8	Plumbing			221	40				261
9	Mechanical	30		221	40				291
10	Electrical	30		441	67				539
11	Administrative						42		42
12	182035								0
13									
14									0
15									0
16									0
17									0
18									0
19	Task 3- Design Development (16 weeks)	178	474	1128	2756	2127	216	\$930,200	
20	Plumbing			282	689	532			1502
21	Mechanical	89	237	282	689	532			1828
22	Electrical	89	237	564	1378	1063			3331
23	Administrative						216		216
24	930200								0
25									0
26									
27	Task 4- Construction Documents (24 weeks)	434	696	1380	3372	1843	397	\$1,138,240	
28	Plumbing			345	843	542			1730
29	Mechanical	217	348	345	843	542			2295
30	Electrical	217	348	690	1686	759			3700
31	Administrative						397		397
	1138240								
32	Task 5- Bidding / Permitting (8 weeks)	0	0	158	0	0	0	\$26,005	
33	RFI Responses			158					158
34	26005								
Subtotal Hours		770.54	1,171.47	4,051.74	6,277.04	3,969.04	655.72		16896
Billing Rate		\$ 210.00	\$ 196.00	\$ 165.00	\$ 135.00	\$ 105.00	\$ 86.00		
Subtotal Direct Labor		\$ 161,813.65	\$ 229,608.80	\$ 668,537.00	\$ 847,399.85	\$ 416,748.80	\$ 56,391.90	\$ -	\$ 2,380,500.00

	Name of Traveller	Name of Firm	Length of Trip (nights)	Travel Origination City	Travel Destination City	Mileage Cost (\$) At Origination City	Parking Cost (\$) At Origination City (Daily Rate)	Air Fare Cost (\$)	Hotel Cost (\$) At Destination City (Nightly Rate)	Rental Car Cost (\$) At Destination City (Daily Rate)	Total Fuel Cost (\$) At Destination City	Meal Costs (\$) (Daily Rate)	Total Trip Cost (\$)	Number of Trips	Trip Costs (\$)	Total (\$)
1	Mech/Plumb Engineer	AME	1	Charlotte	AVL	\$ -	\$ -	\$ -	\$ 190.00	\$ 150.00	\$ 50.00	\$ 150.00	\$ 540.00	64	\$ 34,560.00	\$ 34,560.00
2	Electrical Engineer	AME	1	Charlotte	AVL	\$ -	\$ -	\$ -	\$ 190.00	\$ 150.00	\$ 50.00	\$ 150.00	\$ 540.00	64	\$ 34,560.00	\$ 34,560.00
3	(Trips shown for various mtgs-					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
4	no CA trips are included)					\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
5						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
6						\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -
7													\$ -		\$ -	\$ -
8													\$ -		\$ -	\$ -
														128	\$ 69,120.00	\$ 69,120.00

GS- Airside Civil

Project Fee Proposal - Delta Airport Consultants, Inc (19032)
 AVL - Terminal Modernization Project- Airside Pavement
 3/26/2019

Task Description	#	PRIN	PM	PD	PP/PA	PRIN	PM	PD	PP/PA	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Total
Task 1- Conceptual Design (12 weeks)		14	174	216	248									
1 Scope of Services and Contract		2	24	16	16									58
2 Review and Evaluate Project Layout		2	8	16	8									34
3 Aircraft Utilization Layout/Evaluation		4	40	40	80									164
4 Gate Position Model/Layout		2	24	48	64									138
5 Preliminary PART 77 Analysis			2	8	8									18
6 Team Coordination			8	8	12									28
7 Airline Coordination		2	24	24	16									66
8 Project Correspondence			16	4	8									28
9 Coordinate Subconsultants			8	16	4									28
10 Exhibits		2	8	24	32									66
11 Design Meetings / Site Visits	1		12	12										24
Task 2- Schematic Design (12 weeks)		6	178	264	192									
12 Airside Drainage Analysis			8	24	24									56
13 Airside Grading Analysis			16	24	24									64
14 Construction Phasing Analysis			24	48	80									152
15 PART 77 Analysis			2	8	8									18
16 Team Coordination		2	8	8	8									26
17 Airline Coordination		4	12	12	8									36
18 Project Correspondence			8	16	8									32
19 Coordinate Subconsultants			8	16	8									32
20 Exhibits			8	24	24									56
21 Design Meetings / Site Visits (Weekly Call and Bi-Weekly trip)	6		84	84										168
Task 3- Design Development (16 weeks)		0	248	344	172									
22 Final Pavement Design/Joint Layouts			24	80	16									120
23 Final Geometrics			16	24	8									48
24 Preliminary CSPP Document			8	16	24									48
25 Preliminary Estimates			8	16	8									32
26 Team Coordination			16	8	8									32
27 Project Correspondence			8	8	8									24
28 Coordinate Subconsultants			4	8	4									16
29 Preliminary Design Report			8	16	24									48
30 Preliminary Design Review Submittal			4	8	16									28
31 Design Meetings / Site Visits (Weekly Call and Bi-Weekly trip)	8		112	112										224
32 General Provisions Coordination														0
33 Specifications (Airfield Pavement Only)			16	16	24									56
34 FAA 7460 Form (6 submittals, 2 per phase)			24	32	32									88
Task 4- Construction Documents (24 weeks)		4	303	396	338									
35 Final CSPP Document			8	16	16									40
36 Final Estimates			2	8	16									26
37 Team Coordination			4	8	12									24
38 Project Correspondence			8	16	8									32
39 Coordinate Subconsultants			4	4										8
40 Final Design Report														0
41 Design Meetings / Site Visits (Weekly Call and trip/month)	6		120	120										240
42 Final Specifications (Airfield Pavement Only)			8	16	16									40
43 Prepare Final Design Review Submittal			8	8	16									32
44 Quality Control and Design Review		4	16											20
45 Print, Seal, & Coordinate Signature Sets			16		16									32
PLAN SHEETS														0
46 Airside Civil Cover Sheet	1		1	2	2									5
47 General Layout	1		4	8	8									20
48 General Notes	1		4	8	4									16
49 Phasing Layouts and Notes	4		32	64	80									176
50 Phasing Details	1		4	8	16									28
51 Demolition Plan	12		24	48	48									120
52 Site Plan	12		24	38	48									110
53 Pavement and Joint Details	2		16	24	32									72
Task 5- Bidding (8 weeks)		0	28	20	12									
54 Bid Preparation, Advertisement, Distribution														0
55 Pre-Bid Meeting	1		12	12	4									28
56 Bidder Questions, Answers, & Addenda			16	8	8									32
57 Bid Opening														0
58 Bid Tabulation														0
59 Coordinate Award														0
Subtotal Hours		24.00	931.00	1,240.00	962.00	-	-	-	-	-	-	-	-	3157
Billing Rate		\$ 288.00	\$ 246.00	\$ 159.00	\$ 125.00	\$ 316.00	\$ 270.00	\$ 174.00	\$ 138.00					
Subtotal Direct Labor		\$ 6,912.00	\$ 229,026.00	\$ 197,160.00	\$ 120,250.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 553,348.00
TOTAL FEE														\$ 553,348.00
USE Lump Sum (Rounded)														\$ 553,000.00

1	Name of Traveller	Name of Firm	Length of Trip (nights)	Travel Origination City	Travel Destination City	Mileage Cost (\$) At Origination City	Automobile Mileage Cost (\$)	Parking Cost (\$)		Air Fare Cost (\$)	Hotel Cost (\$)		Rental Car Cost (\$) At Destination City (Daily Rate)	Total Fuel Cost (\$)		Meal Costs (\$) (Daily Rate)	Total Trip Cost (\$)	Number of Trips	Trip Costs (\$)	Total (\$)
								At Origination City (Daily Rate)	At Destination City (Nightly Rate)		At Destination City	At Destination City								
2	TBD 1	DAC	1	CLT	AVL	\$ -	\$ 145.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.00	\$ 160.00	22	\$ 3,520.00	\$ 3,520.00	
3	TBD 2	DAC	1	CLT	AVL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.00	\$ 15.00	22	\$ 330.00	\$ 330.00	
4	TBD 3	DAC	1	RIC	AVL	\$ 25.00	\$ -	\$ 25.00	\$ 500.00	\$ 150.00	\$ -	\$ -	\$ -	\$ -	\$ 50.00	\$ 750.00	0	\$ -	\$ -	
5	Name of traveler	Company	1	Enter City	AVL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.00	\$ 15.00		\$ -	\$ -	
6	Name of traveler	Company	1	Enter City	AVL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.00	\$ 15.00		\$ -	\$ -	
7	Name of traveler	Company	1	Enter City	AVL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15.00	\$ 15.00		\$ -	\$ -	
8															\$ -	\$ -		\$ -	\$ -	
																	44	\$ 3,850.00	\$ 3,850.00	

MISC. \$ 600.00
Total \$ 4,450.00

Use NTE \$ 4,500.00

CS - Code Consulting

Project Fee Proposal - Arora Engineers, Inc (Low Voltage)														
AVL - Terminal Modernization Project														
3/6/2019														
Programming & Conceptual Design	PIC	Chief Engineer II/PM	Discipline Lead	Sr. Specialist III	Sr. Specialist II	Specialist III	BIM Manager	BIM Technician	Project Coordinator					Total
Task Description														
1	Task 1- Conceptual Design (12 weeks)			32										
2	Survey													0
3	Existing Conditions Drawing Review			8										8
4	Basis of Design Report			16										16
5	Concept Design Drawings			8										8
6														0
7	Task 2- Schematic Design (12 weeks)			60										
8														0
9	Code Consulting			60										60
10														0
11														0
12														0
13														0
14														0
15														0
16														0
17														0
18														0
19	Task 3- Design Development (16 weeks)			60										
20														0
21	Code Consulting			60										60
22														0
23														0
24														0
25														0
26														0
27														0
28														0
29														0
30	Task 4- Construction Documents (24 weeks)			120										
31														0
32	Code Consulting			120										120
33														0
34														0
35	Task 5- Bidding / Permitting (8 weeks)			8										
36	Addenda			4										4
37	RFI			4										
Subtotal Hours			-	-	280.00	-	-	-	-	-	-	-	-	276
Billing Rate			\$ 341.00	\$ 262.00	\$ 218.00	\$ 174.00	\$ 161.00	\$ 152.00	\$ 151.00	\$ 125.00	\$ 92.00			
Subtotal Direct Labor			\$ -	\$ -	\$ 61,040.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 61,040.00
													TOTAL FEE	\$ 61,040.00

Project Fee Proposal - Arora Engineers, Inc (Low Voltage)										
AVL - Terminal Modernization Project										
3/6/2019										
Programming & Conceptual Design		PIC	Chief Engineer II/PM	Discipline Lead	Sr. Specialist III	Specialist III	BIM Manager	BIM Technician	Project Coordinator	Total
Task Description										
1	Task 1- Concetpual Design (12 weeks)	0	32	72	128	88	24	40	12	
2	Survey		8	16	24	24				72
3	Existing Conditions Drawing Review		8	16	24	24		8		80
4	Basis of Design Report		8	16	40	20		8	12	104
5	Concept Design Drawings		8	24	40	20	24	24		140
6										0
7	Task 2- Schematic Design (12 weeks)	0	40	80	80	160	60	120	40	
8	Special Systems		40	80	80	160	60	120	40	580
9										0
10										0
11										0
12										0
13										0
14										0
15										0
16										0
17										0
18										0
19	Task 3- Design Development (16 weeks)	0	40	100	100	200	100	160	80	
20	Special Systems		40	100	100	200	100	160	80	780
21										0
22										0
23										0
24										0
25										0
26										0
27										0
28										0
29										0
30	Task 4- Construction Documents (24 weeks)	6	120	140	160	320	100	160	80	
31	Special Systems	6	120	140	160	320	100	160	80	1086
32										0
33										0
34										0
35	Task 5- Bidding / Permitting (8 weeks)	0	8	20	12	12	0	8	0	
36	Addenda		8	12	12	12		8		52
37	RFI			8						
Subtotal Hours		6.00	240.00	412.00	480.00	780.00	284.00	488.00	212.00	2894
Billing Rate		\$ 341.00	\$ 262.00	\$ 218.00	\$ 174.00	\$ 152.00	\$ 151.00	\$ 125.00	\$ 92.00	
Subtotal Direct Labor		\$ 2,046.00	\$ 62,880.00	\$ 89,816.00	\$ 83,520.00	\$ 118,560.00	\$ 42,884.00	\$ 61,000.00	\$ 19,504.00	\$ 480,210.00
TOTAL FEE \$ 480,210.00										

Project Fee Proposal - Arora Engineers, Inc (Fire Protection)											
AVL - Terminal Modernization Project											
6/19/2019											
Programming & Conceptual Design		PIC	Chief Engineer II/Director	Project Manager	Discipline Lead	Sr. Specialist III	Sr. Specialist II	BIM Manager	BIM Technician	Project Coordinator	Total
Task Description											
1	Task 1- Concetpual Design (12 weeks)	0	8	40	24	84	82	8	12	12	
2	Survey			8		20	20				48
3	Existing Conditions Drawing Review			8	8	20	20				56
4	Basis of Design Report		4	12	8	20	12			12	68
5	Concept Design Drawings		4	12	8	24	30	8	12		98
6											0
7	Task 2- Schematic Design (12 weeks)	3	10	40	20	40	64	40	40	16	
8	FP - Drawings	2	8	40	16	24	64	40	40		234
9	FP - Specs	1	2		4	16				16	39
10											0
11											0
12											0
13											0
14											0
15											0
16											0
17											0
18											0
19	Task 3- Design Development (16 weeks)	3	10	40	20	64	100	20	80	16	
20	FP - Drawings	2	8	40	16	40	100	20	80		306
21	FP - Specs	1	2		4	24				16	47
22											0
23											0
24											0
25											0
26											0
27											0
28											0
29											0
30	Task 4- Construction Documents (24 weeks)	16	24	80	20	92	176	40	80	16	
31	FP - Drawings	8	16	80	16	80	160	40	80		480
32	FP - Specs	8	8		4	12	16			16	64
33											0
34											0
35	Task 5- Bidding / Permitting (8 weeks)	0	10	10	10	10	0	0	0	0	
36	Addenda		10	10	10	10					40
37	RFI										0
Subtotal Hours		22.00	62.00	210.00	94.00	290.00	422.00	108.00	212.00	60.00	1480
Billing Rate		\$ 341.00	\$ 262.00	\$ 231.00	\$ 218.00	\$ 174.00	\$ 161.00	\$ 151.00	\$ 125.00	\$ 92.00	
Subtotal Direct Labor		\$ 7,502.00	\$ 16,244.00	\$ 48,510.00	\$ 20,492.00	\$ 50,460.00	\$ 67,942.00	\$ 16,308.00	\$ 26,500.00	\$ 5,520.00	\$ 259,478.00
TOTAL FEE										\$ 259,478.00	

	Name of Traveller	Name of Firm	Length of Trip (nights)	Travel Origination City	Travel Destination City	Mileage Cost (\$) At Origination City	Parking Cost (\$) At Origination City (Daily Rate)	Air Fare Cost (\$)	Hotel Cost (\$) At Destination City (Nightly Rate)	Rental Car Cost (\$) At Destination City (Daily Rate)	Total Fuel Cost (\$) At Destination City	Meal Costs (\$) (Daily Rate)	Total Trip Cost (\$)	Number of Trips	Trip Costs (\$)	Total (\$)
1	Jason Shevrin	Arora Engin	1	Philadelphia	AVL	\$ 15.00	\$ 24.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 909.00	6	\$ 5,454.00	\$ 5,454.00
2	Edward Hart	Arora Engin	1	Philadelphia	AVL	\$ 15.00	\$ 24.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 909.00	2	\$ 1,818.00	\$ 1,818.00
3	Robert Bornstein	Arora Engin	1	Philadelphia	AVL	\$ 15.00	\$ 24.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 909.00	4	\$ 3,636.00	\$ 3,636.00
4	Meghan Doyle	Arora Engin	1	Philadelphia	AVL	\$ 15.00	\$ 24.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 909.00	2	\$ 1,818.00	\$ 1,818.00
5	Chase Miller	Arora Engin	1	Newark	AVL	\$ 15.00	\$ 30.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 915.00	6	\$ 5,490.00	\$ 5,490.00
6	Art Simpson	Arora Engin	1	Newark	AVL	\$ 15.00	\$ 30.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 915.00	2	\$ 1,830.00	\$ 1,830.00
7	Bill Boozer	Arora Engineers		Newark	AVL	\$ 15.00	\$ 30.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 535.00	2	\$ 1,070.00	\$ 1,070.00
8															\$ -	\$ -
														24	\$ 21,116.00	\$ 21,116.00

Project Fee Proposal - Vaughn & Melton							
AVL - Terminal Modernization Project (Surveying)							
6/14/2019							
Programming & Conceptual Design	PLS	Admin	CAD Tech	Sue Locator	Vaccume Excavation Truck	2-Man Survey Crew	Total
Task Description							
1 Task 1- Topographical Information Collection & SUE							
2 Utility Mark and Identify		1		120			121
3 Locate SUE Marks		1				60	61
4 Elevate PCC Joints & Other		1				80	81
5 Ext. Building Corners with FFE		1				40	41
6 Locate Taxiway "K" & Runway CL @ 25' Intervals		1				20	21
7 Locate Drainage Structures to Next Structure Outside Limits		1				50	51
8 Locate 10 Pavement Corings		1				5	6
9 Drafting	4	1	78				83
10 Task 2- SUE Analysis							
11 SUE Assesment	1		16				17
12 SUE Verification with Vaccume Excavation	1				20		21
13 Task 3- Verify Critical Elevations							
14 Field						20	20
15 Office			16				16
Subtotal Hours	5.00	8.00	110.00	120.00	20.00	275.00	538
Billing Rate	\$ 115.00	\$ 50.00	\$ 95.00	\$ 125.00	\$ 250.00	\$ 155.00	
Subtotal Direct Labor	\$ 575.00	\$ 400.00	\$ 10,450.00	\$ 15,000.00	\$ 5,000.00	\$ 42,625.00	\$ 74,050.00
TOTAL FEE							\$ 74,050.00

Project Fee Proposal - Vaughn & Melton							
AVL - Terminal Modernization Project (Design)							
6/14/2019							
Programming & Conceptual Design		Sr. Project Mgr.	Senior P.E.	Cadd Technician	Administrative		Total Hours
	Task Description						
1	Task 1- Conceptual Design (12 weeks)	56	88	92	0		
2	Various meetings	24	24				48
3	Coordination between Site Civil and Building Systems (Land Side)	12	24	60			96
4	Coordination with Utility Companies	12	24				36
5	Identify Potential Utility Conflicts	8	16	32			56
6	Task 2- Schematic Design (12 weeks)	64	158	150	24		
7	Various meetings	24	24				48
8	Preliminary layout of grading drainage and erosion control plan (Land Side)	8	32	60			100
9	Preliminary layout of site civil utilities (water and sewer)	8	16	60			84
10	Design calculations	16	30	30			76
11	Outline Specifications	4	24		8		36
12	Preliminary Cost Estimate	4	32		16		52
13	Task 3- Design Development (16 weeks)	65	160	112	20		
14	Various meetings	32	32				64
15	Grading Drainage and Erosion Control Plan Revisions (Land Side)	8	32	40			80
16	Update layout of site civil utilities (water and sewer)	8	16	32			56
17	Design calculations	12	40	40			92
18	Refine Outline Specifications	1	8		4		13
19	Preliminary Cost Estimate	4	32		16		52
20	Task 4- Construction Documents (24 weeks)	106	224	160	76		
21	Various meetings	48	48				96
22	Preparation of Site Civil Specifications	24	60		60		144
23	Prepare Final Construction Plans with notes and details	30	100	160			290
24	Prepare Final Construction Cost Estimate	4	16		16		36
25	Task 5- Bidding/ Permitting (8 weeks)	32	140	100	72		
26	Various meetings	16	16				32
27	Preparing Addenda	8	24		32		64
28	Permitting site civil design features	8	100	100	40		248
Subtotal Hours		323.00	770.00	614.00	192.00		1899
Billing Rate		\$ 205.00	\$ 155.00	\$ 95.00	\$ 50.00		
Subtotal Direct Labor		\$ 66,215.00	\$ 119,350.00	\$ 58,330.00	\$ 9,600.00	\$ -	\$ 253,495.00
TOTAL FEE							\$ 253,495.00

Project Fee Proposal - JSM & Associates														
AVL - Terminal Modernization Project														
3/22/2019														
Task Description	Program Manager	Project Manager	BHS Designer	Mechanical Engineer	Elect Controls Eng	PE	CAD Designer	BHS Installation Specialist	Administration	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Total
1 Task 1- Conceptual Design (12 weeks)														
2 Data Collection														0
3 Zoning scheme(s) definition and demand estimation														0
4 Preliminary screening alternatives development														
5 Preliminary screening alternatives evaluation														
6 Preliminary screening alternatives selection														
7 Selected screening alternative refinement														
8 Staffing level estimates and equipment cost estimates														
9 ROM evaluations and life-cycle cost analysis														
10 Preferred screening alternatives selection														
11 Alternative analysis report														
12 Participation in Design Review Meeting														
13 Submit to TSA														
14 Airport and TSA approval														
15 Determine TSA Equipment Counts														0
16 Develop Alternative Designs														0
17 Total Hours	32	180	40	96	40		216		40					644
18 Task 2- Schematic Design (12 weeks)														
19 Refine Alternative Analysis														0
20 Develop Program Schedule														0
21 Develop ROM Pricing														0
22 Develop Draft Contingency Plan														0
23 Develop Phasing & Constructability Plan														0
24 Develop & Submit Basis of Design Report														0
25 Stakeholder Notification Documentation														0
26 Review & incorporate TSA Comments														0
27 Develop Draft ROM of power requirement														0
28 Participate in TSA Meetings (TIMs)														0
29 Draft Specifications														0
30 Total Hours	40	216	40	116	96		188		48					744
31 Task 3- Design Development (16 weeks)														
32 30 % Design Development of Preferred Alternative														0
33 30% CWE and LCCA														
34 Program schedule update														
35 Updated indication of expected equipment type														
36 30% Design Submittals														
37 ILDT/TSA Design Review Meeting														
38 Approval/rejections and submittal comments														
39 TSA memorandum regarding final design approval requirements														
40 70 % Design Development														
41 70% LCCA														
42 Program schedule update														
43 Updated indication of expected equipment type														
44 70% Design Submittals														
45 ILDT/TSA Design Review Meeting														
46 Approval/rejections and submittal comments														
47 TSA memorandum regarding final design approval requirements														
48 90 % Design Development														
49 90% LCCA														
50 Program schedule update														
51 Updated indication of expected equipment type														
52 90% Design Submittals														
53 ILDT/TSA Design Review Meeting														
54 Approval/rejections and submittal comments														
55 TSA memorandum regarding final design approval requirements														
56 Update BDR & Specifications														0
57 Refinement of Contingency Plan/Configuration Management Plan/Project Schedule														0
58 Update ROMs (Price & Power)														0
59 Stakeholder Notification Documentation														0
60 Submit to TSA & Incorporate Comments														0
61 Participate in TSA Meetings (TIMs)														0
62 Total Hours	48	256	40	64	64		220		56					748
63 Task 4- Construction Documents (24 weeks)														
64 100% Construction Documentation (design)														0
65 100% LCCA														
66 Program schedule update														
67 Updated indication of expected equipment type														
68 100% Design Submittals														
69 ILDT/TSA Design Review Meeting														
70 Approval/rejections and submittal comments														
71 TSA memorandum regarding final design approval requirements														
72 Bid Documents														
73 Final Basis of Design Report														
74 Final Contingency Plan/Configuration Management Plan/Project Schedule														0
75 Final Specifications														0
76 Final Description of Operations														0
77 Total Hours - Task 4	40	88		32	64	32	60		40					356
78 Task 5- Bidding / Permitting (8 weeks)														
79 Assist in Bidding Document Preparation														0
80 Answer RFIs / Assist in Proposal Evaluation														
81 Total Hours - Task 5	4	24	0	4	4	0	0	0	8					
Subtotal Hours	164.00	764.00	120.00	312.00	268.00	32.00	684.00	-	192.00	-	-	-	-	2492
Billing Rate	\$ 206.25	\$ 185.63	\$ 171.88	\$ 171.88	\$ 158.13	\$ 185.63	\$ 82.50	\$ 151.25	\$ 68.75	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal Direct Labor	\$ 33,825.00	\$ 141,817.50	\$ 20,625.00	\$ 53,625.00	\$ 42,377.50	\$ 5,940.00	\$ 56,430.00	\$ -	\$ 13,200.00	\$ -	\$ -	\$ -	\$ -	\$ 367,840.00
TOTAL FEE														\$ 367,840.00

	Name of Traveller	Name of Firm	Length of Trip (nights)	Travel Origination City	Travel Destination City	Mileage Cost (\$) At Origination City	Parking Cost (\$) At Origination City (Daily Rate)	Air Fare Cost (\$)	Hotel Cost (\$) At Destination City (Nightly Rate)	Rental Car Cost (\$) At Destination City (Daily Rate)	Total Fuel Cost (\$) At Destination City	Meal Costs (\$) (Daily Rate)	Total Trip Cost (\$)	Number of Trips	Trip Costs (\$)	Total (\$)
1	Project Manager - John Lehma	JSM	2	SFO	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 1,275.00	5	\$ 6,375.00	\$ 6,375.00
2	BHS Designer - Chris Fisher	JSM	2	MCO	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 1,275.00	3	\$ 3,825.00	\$ 3,825.00
3	Elec. Eng - Ray Holly	JSM	2	MCO	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 1,275.00	2	\$ 2,550.00	\$ 2,550.00
4	Program Mgr - Blair Cox	JSM	2	MCO	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 1,275.00	2	\$ 2,550.00	\$ 2,550.00
5	Name of traveler	Company	1	Enter City	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 905.00	1	\$ 905.00	\$ 905.00
6	Name of traveler	Company	1	Enter City	AVL	\$ 15.00	\$ 20.00	\$ 500.00	\$ 190.00	\$ 85.00	\$ 20.00	\$ 75.00	\$ 905.00	1	\$ 905.00	\$ 905.00
7													\$ -		\$ -	\$ -
8													\$ -		\$ -	\$ -
														14	\$ 17,110.00	\$ 17,110.00

GS - Envelope

Project Fee Proposal - Construction Moisture Consulting, Inc.															
AVL - Terminal Modernization Project															
4/8/2019															
Programming & Conceptual Design	Principal in Charge	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Fill in staff title	Total
Task Description															
1	Task 1- Conceptual Design (12 weeks)														
2	Fill in specific task														0
3	Fill in specific task														0
4	Fill in specific task														0
5	Fill in specific task														0
6	Fill in specific task														0
7	Task 2- Schematic Design (12 weeks)														
8	Fill in specific task														0
9	Fill in specific task														0
10	Fill in specific task														0
11	Fill in specific task														0
12	Fill in specific task														0
13	Fill in specific task														0
14	Fill in specific task														0
15	Fill in specific task														0
16	Fill in specific task														0
17	Fill in specific task														0
18	Fill in specific task														0
19	Task 3- Design Development (16 weeks)														
20	Design Review - 100% Completion Phase	60													60
21	Fill in specific task														0
22	Fill in specific task														0
23	Fill in specific task														0
24	Fill in specific task														0
25	Fill in specific task														0
26	Fill in specific task														0
27	Task 4- Construction Documents (24 weeks)														
28	Construction Document Review - 50% Completion Phase	80													80
29	Construction Document Review - 95% Completion Phase	100													100
30	Fill in specific task														0
31	Fill in specific task														0
32	Task 5- Bidding / Permitting (8 weeks)														
33	Fill in specific task														0
34	Fill in specific task														0
35	Task 6- Construction Administration (156 weeks)														
36	Fill in specific task														0
37	Fill in specific task														0
Subtotal Hours		240.00	-	-	-	-	-	-	-	-	-	-	-	-	240
Billing Rate		\$ 208.00													
Subtotal Direct Labor		\$ 49,920.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,920.00
														TOTAL FEE	\$ 49,920.00

Project Fee Proposal - THORNTON TOMASETTI				
AVL - Terminal Modernization Project				
4/9/2019				
	Principal/SR VP	Associate	Senior Engineer/SR BIM	Total
Task Description				
1 Task 1- Conceptual Design (12 weeks)	23	58	42	
2 Review existing drawings.	1	8	8	17
3 Evaluate potential VBIED threats.	1	8	8	17
4 Evaluate potential hostile vehicle (ramming) threats.	1	2	2	5
5 Develop blast and hostile vehicle mitigation performance design criteria.	2	8	8	18
6 Draft preliminary physical security narrative.	2	16	16	34
7 Travel: Meet with Owner to present proposed physical security design criteria.	16	16	0	32
8 Fill in specific task				0
9 Task 2- Schematic Design (12 weeks)	20	90	128	
10 Calculate blast design loads.	2	4	16	22
11 Calculate blast-induced base shears.	1	2	4	7
12 Preliminary blast analysis/design of façade.	4	12	24	40
13 Preliminary blast analysis/design of structural elements.	4	12	24	40
14 Preliminary vehicle vector analysis.	1	4	4	9
15 Preliminary analysis/design of hostile vehicle mitigation measures.	4	40	16	60
16 Draft SD Physical Security Design Narrative	4	16	40	60
17 Task 3- Design Development (16 weeks)	20	120	157	
18 Finalize blast design loads.	1	4	12	17
19 Finalize blast-induced base shears.	1	2	8	11
20 Develop blast analysis/design of façade.	4	16	32	52
21 Develop blast analysis/design of structural elements.	4	16	32	52
22 Finalize vehicle vector analysis.	1	4	4	9
23 Develop analysis/design of hostile vehicle mitigation measures.	4	40	16	60
24 Draft DD Physical Security Design Narrative	4	16	40	60
25 Draft blast performance specifications.	1	6	13	20
26 Travel (1 trip for 1 person)	0	16	0	16
27 Task 4- Construction Documents (24 weeks)	34	80	144	
28 Finalize blast analysis/design of façade.	8	12	40	60
29 Finalize blast analysis/design of structural elements.	8	12	40	60
30 Finalize analysis/design of hostile vehicle mitigation measures.	4	16	8	28
31 Finalize CD Physical Security Design Narrative	8	12	32	52
32 Finalize Blast performance specifications.	4	4	8	16
33 Coordinate physical security design requirements with architect and struct. Eng	2	8	16	26
34 Travel (1 trip for 1 person)	0	16	0	16
35 Task 5- Bidding / Permitting (8 weeks)	4	8	16	
36 Review physical security-related RFI's.	4	8	16	28
37 Fill in specific task				
Subtotal Hours	101.00	356.00	487.00	944
Billing Rate	\$ 232.65	\$ 140.92	\$ 103.23	
Subtotal Direct Labor	\$ 23,497.65	\$ 50,167.52	\$ 50,273.01	\$ 123,938.18
TOTAL FEE	\$	\$	\$	\$ 123,938.18
USE Lump Sum (Rounded)	\$	\$	\$	\$ 124,000.00

	Name of Traveller	Name of Firm	Length of Trip (nights)	Travel Origination City	Travel Destination City	Mileage Cost (\$) At Origination City	Parking Cost (\$) At Origination City (Daily Rate)	Air Fare Cost (\$)	Hotel Cost (\$) At Destination City (Nightly Rate)	Rental Car Cost (\$) At Destination City (Daily Rate)	Total Fuel Cost (\$) At Destination City	Meal Costs (\$) (Daily Rate)	Total Trip Cost (\$)	Number of Trips	Trip Costs (\$)	Total (\$)
1	Brent Vollenweider	Thornton Tc	2	Boston	AVL	\$ 15.00	\$ 35.00	\$ 400.00	\$ 190.00	\$ 50.00	\$ -	\$ 75.00	\$ 925.00	2	\$ 1,850.00	\$ 1,850.00
2	Lynne Bregman	Thornton Tc	2	Boston	AVL	\$ 15.00	\$ 35.00	\$ 400.00	\$ 190.00	\$ 50.00	\$ -	\$ 75.00	\$ 925.00	3	\$ 2,775.00	\$ 2,775.00
														5	\$ 4,625.00	\$ 4,625.00

MISC. \$ 350.00
Total \$ 4,975.00
Use NTE \$ 5,000.00

NO SPREADSHEET PROVIDED, TAKEN FROM PROPOSAL

S&ME OPINION OF PROBABLE COST				
AVL Terminal Expansion - Requested Scope				
Asheville, North Carolina				
S&ME Proposal No. 14-1900227				
Service	Units	Unit Cost	Subtotals	TOTALS
FIELD EXPLORATION				
Mobilization (ATV or Truck Rig)	2 Trip	\$550.00 per each	\$1,100.00	
Drill Rig and Crew Day/Night Rate (includes per diem)	8 Days	\$2,500.00 per each	\$20,000.00	
Bulk Samples	6 Each	\$50.00 per each	\$300.00	
Hole Plugs	21 Each	\$10.00 per each	\$210.00	
Concrete Patching Boreholes	21 Each	\$35.00 per each	\$735.00	
Light Tower Rental	2 Week	\$500.00 per each	\$1,000.00	
Concrete Coring Subcontractor	1 Days	\$1,250.00 per each	\$1,250.00	
Concrete Coring Truck	7 Days	\$250.00 per each	\$1,750.00	
Private Utility Locator	8 Hours	\$150.00 per each	\$1,200.00	
			SUBTOTAL DRILLING	\$27,545.00
SOILS LAB				
Moisture Content	8 Tests	\$15.00 per each	\$120.00	
Atterberg Limits (Dry Prep)	4 Tests	\$80.00 per each	\$320.00	
Wash #200	6 Tests	\$53.00 per each	\$318.00	
Sieve with Hydrometer	4 Tests	\$155.00 per each	\$620.00	
Modified Proctor Compaction	4 Tests	\$190.00 per each	\$760.00	
1 point CBR	4 Tests	\$160.00 per each	\$640.00	
Box Resistivity, ASTM	2 Tests	\$85.00 per each	\$170.00	
pH of Soil, Slurry Method	2 Tests	\$60.00 per each	\$120.00	
			SUBTOTAL LABORATORY	\$3,068.00
GEOTECHNICAL PROFESSIONAL SERVICES				
P6 Principal Professional (Grade VI)	3 Hours	\$185.00 per each	\$555.00	
P5 Senior Professional (Grade V)	25 Hours	\$160.00 per each	\$4,000.00	
P4 Project Professional (Grade IV)	Hours	\$140.00 per each	\$0.00	
P3 Project Professional (Grade III)	0 Hours	\$125.00 per each	\$0.00	
P2 Staff Professional (Grade II)	40 Hours	\$105.00 per each	\$4,200.00	
P1 Staff Professional (Grade I) - full time badged escort	90 Hours	\$95.00 per each	\$8,550.00	
S1 Administrative Support (S1)	6 Hours	\$60.00 per each	\$360.00	
T1 Technician (transport samples)	5 Hours	\$50.00 per each	\$250.00	
CAD	2 Hours	\$70.00 per each	\$140.00	
Mileage	300 Miles	\$0.60 per each	\$180.00	
			SUBTOTAL ENGINEERING	\$18,235.00
			TOTAL ESTIMATED COST	\$48,848.00

TOTAL \$64,849

S&ME OPINION OF PROBABLE COST				
AVL Terminal Expansion - Supplemental Borings (if needed)				
Asheville, North Carolina				
S&ME Proposal No. 14-1900227				
Service	Units	Unit Cost	Subtotals	TOTALS
FIELD EXPLORATION				
Mobilization (ATV or Truck Rig)	1 Trip	\$550.00 per each	\$550.00	
Drill Rig and Crew Day/Night Rate (includes per diem)	2 Days	\$2,500.00 per each	\$5,000.00	
Bulk Samples	0 Each	\$50.00 per each	\$0.00	
Hole Plugs	2 Each	\$10.00 per each	\$20.00	
Concrete Patching Boreholes	2 Each	\$35.00 per each	\$70.00	
Light Tower Rental	1 Week	\$500.00 per each	\$500.00	
Concrete Coring Subcontractor	1 Days	\$1,250.00 per each	\$1,250.00	
Concrete Coring Truck	0 Days	\$250.00 per each	\$0.00	
Private Utility Locator	4 Hours	\$150.00 per each	\$600.00	
			SUBTOTAL DRILLING	\$7,990.00
SOILS LAB				
Moisture Content	2 Tests	\$15.00 per each	\$30.00	
Atterberg Limits (Dry Prep)	2 Tests	\$80.00 per each	\$160.00	
Wash #200	2 Tests	\$53.00 per each	\$106.00	
Sieve with Hydrometer	2 Tests	\$155.00 per each	\$310.00	
Modified Proctor Compaction	1 Tests	\$190.00 per each	\$190.00	
1 point CBR	1 Tests	\$160.00 per each	\$160.00	
Box Resistivity, ASTM	1 Tests	\$85.00 per each	\$85.00	
pH of Soil, Slurry Method	1 Tests	\$60.00 per each	\$60.00	
			SUBTOTAL LABORATORY	\$1,101.00
GEOTECHNICAL PROFESSIONAL SERVICES				
P6 Principal Professional (Grade VI)	1 Hours	\$185.00 per each	\$185.00	
P5 Senior Professional (Grade V)	12 Hours	\$160.00 per each	\$1,920.00	
P4 Project Professional (Grade IV)	Hours	\$140.00 per each	\$0.00	
P3 Project Professional (Grade III)	0 Hours	\$125.00 per each	\$0.00	
P2 Staff Professional (Grade II)	16 Hours	\$105.00 per each	\$1,680.00	
P1 Staff Professional (Grade I) - full time badged escort	25 Hours	\$95.00 per each	\$2,375.00	
S1 Administrative Support (S1)	3 Hours	\$60.00 per each	\$180.00	
T1 Technician (transport samples)	5 Hours	\$50.00 per each	\$250.00	
CAD	2 Hours	\$70.00 per each	\$140.00	
Mileage	300 Miles	\$0.60 per each	\$180.00	
			SUBTOTAL ENGINEERING	\$6,910.00
			TOTAL ESTIMATED COST	\$16,001.00

NO SPREADSHEET PROVIDED, TAKEN FROM PROPOSAL

Total Cost and Project Schedule

The anticipated budget for the project is estimated to be \$159,677 including \$144,935 labor and \$14,742 reimbursable expenses. Table 1 outlines the budget per task.

Table 1. Project Budget by Task

Task	Labor Hours	Budget		Total Budget
		Labor*	Expenses	
1. Kick-off Meeting	32	\$4,892	\$2,284	\$7,113
2. Data Collection	133	\$16,436	\$9,032	\$25,468
3. MAPS Document	38	\$6,823	\$1,142	\$7,965
4. Demand Generation	91	\$9,612	--	\$9,612
5. Requirements	412	\$43,727	\$1,142	\$44,869
6. Design Capacity Verification	456	\$48,228	\$1,142	\$49,370
7. As-Needed Services	135	\$15,280	--	\$15,280
Total Tasks 1-7	1,297	\$144,935	\$14,742	\$159,677

**Rounded to nearest dollar*

NO SPREADSHEET PROVIDED, TAKEN FROM PROPOSAL

<i>Price and Schedule</i>				
	Description	Square Footage	Price	Schedule
	3D Laser Scan Data Acquisition onsite including all Travel, Expenses, Ceiling Tile Removal/Replacement Labor, and Delivery of 3D Revit 2018 model to complete the scope in Figure 1 and 2.	102,736	\$99,660	Approximately 9-10 days onsite
	Model Delivery Timeframe			30-40 business days following completion of fieldwork

NO SPREADSHEET PROVIDED, TAKEN FROM PROPOSAL***Proposed Fees (Basic Scope of Services)***

⇒ Task 1. Conceptual Budget ROM Estimate	\$13,600.00
⇒ Task 2. Schematic Design Detailed Estimate	\$25,100.00
⇒ Task 3. On-Call Estimating	\$16,500.00
⇒ Task 4. Construction Manager Pricing Verification	\$14,800.00
⇒ Reimbursable Expenses	\$5,500.00
<i>Total Proposed Fees (Lump Sum)</i>	<u>\$75,500.00</u>



MEMORANDUM

TO: Members of the Airport Authority

FROM: Michael A. Reisman, A.A.E.
Deputy Executive Director

DATE: December 13, 2019

ITEM DESCRIPTION – New Business Item C

Approval of Scope of Services Number 22 with AVCON Engineers and Planners, Inc.

BACKGROUND

The Greater Asheville Regional Airport Authority (under its predecessor the Asheville Regional Airport Authority) entered into an agreement for professional consulting services with AVCON Engineers and Planners, Inc. on August 26, 2008, followed by Supplemental Agreement No. 1 on April 26, 2013, and Supplemental Agreement No. 2 on June 12, 2018, for design and construction administration services associated with the Airfield Redevelopment Project, Bid Packages 3 and 4. As a result of additional delays incurred on the BP4 project, additional services have been requested of AVCON in order to allow the Authority to see the project through to completion.

ISSUES

None.

ALTERNATIVES

The Board could elect not to engage AVCON in the manner recommended and pursue completion of the project through alternative means.

FISCAL IMPACT

The not to exceed fee for services associated with this action is \$330,614.00, which will be funded with Airport Funds.

New Business – Item C



RECOMMENDED ACTION

It is respectfully requested that the Airport Authority Board resolve to (1) approve Scope of Services No. 22 with AVCON Engineers and Planners, Inc. in an amount not to exceed \$330,614.00; (2) authorize the Executive Director to execute the necessary documents; and (3) to amend the FY2019/2020 budget by adopting the following budget ordinance amendment:

BE IT ORDAINED by the Greater Asheville Regional Airport Authority that the following amendment be made to the annual budget ordinance for the fiscal year ending June 30, 2020:

Section 1. To amend the appropriations as follows:

EXPENDITURES:

	<u>Decrease</u>	<u>Increase</u>
Capital Improvements	_____	<u>\$ 330,614.00</u>
Totals	_____	<u>\$ 330,614.00</u>

This will result in a net increase of \$330,614.00 in the appropriations. Revenues will be revised as follows:

REVENUES:

	<u>Decrease</u>	<u>Increase</u>
Transfer from GARAA Cash	_____	<u>\$330,614.00</u>
Totals	_____	<u>\$330,614.00</u>



Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Greater Asheville Regional Airport Authority, and to the Budget Officer and to the Finance Officer for their direction.

Adopted this 13th day of December, 2019.

Matthew Burrell, Chair

Attested by:

Ellen Heywood, Clerk to the Board



MEMORANDUM

TO: Members of the Airport Authority

FROM: Jared Merrill
Planning Manager

DATE: December 13, 2019

ITEM DESCRIPTION – New Business Item D

Approval of Change Order No. 1 for Repair of 60 Inch Reinforced Concrete Pipe

BACKGROUND

The 60" Pipe Repair project began on December 2nd. Upon inspection of the pipe, Applied Polymerics and Kimley Horn have identified an additional 19 leaks that were not evident per the camera inspection approximately two years ago.

Per the contracted unit pricing these additional identified leaks will cost \$31,350.00 to complete as part of this project.

ISSUES

None.

ALTERNATIVES

Board could elect not to repair these additional leaks. However, these leaks will need to be repaired in the future.

FISCAL IMPACT

The total Change Order No. 1 proposed by Applied Polymerics to repair these additional leaks is \$31,350.00 which is based on the unit prices in the contract. Costs will be funded utilizing Airport Funds.



RECOMMENDED ACTION

It is respectfully requested that the Airport Authority Board resolve to (1) approve Change Order No. 1 with Applied Polymerics in the amount of \$31,350.00 (2) authorize the Executive Director to execute the necessary documents; and (3) amend the FY2019/2020 budget by adopting the following budget ordinance amendment:

BE IT ORDAINED by the Greater Asheville Regional Airport Authority that the following amendment be made to the annual budget ordinance for the fiscal year ending June 30, 2020:

Section 1. To amend the appropriations as follows:

EXPENDITURES:

	<u>Decrease</u>	<u>Increase</u>
Capital Improvements	_____	<u>\$31,350.00</u>
Totals	_____	<u>\$31,350.00</u>

This will result in a net increase of \$31,350.00 in the appropriations. Revenues will be revised as follows:

REVENUES:

	<u>Decrease</u>	<u>Increase</u>
Transfer from GARAA Cash	_____	<u>\$31,350.00</u>
Totals	_____	<u>\$31,350.00</u>

Section 2. Copies of this budget amendment shall be furnished to the Clerk to the Greater Asheville Regional Airport Authority, and to the Budget Officer and to the Finance Officer for their direction.

Adopted this 13th day of December 2019.

 Matthew Burrell, Chair

Attested by:

 Ellen Heywood, Clerk to the Board



12/09/2019

Michael A. Reisman, A.A.E.
Deputy Executive Director, Development & Operations
Greater Asheville Regional Airport Authority
61 Terminal Drive, Suite 1
Fletcher, NC 28732

Re: **60-Inch Storm System Rehabilitation**
Additional Pipe Joint Repair Locations – Change Order

Dear: Mr. Reisman,

As part of our limited construction phase services, Kimley-Horn and Hydrostructures have been performing construction observation and providing feedback to contractor questions. Field visits to perform construction observation occurred on 12-5-19 and 12-9-19. On both these visits internal pipe inspection has occurred to confirm pipe joint repair locations. 28 pipe repair locations were included in the construction plans and bid documents (9 in base bid, and 19 in alternate bid). All of these repair locations were rated as structural and operation and maintenance (O & M) repairs with ratings of 2 or greater. During the 12-5-19 field visit the Contractor marked these repair locations as well as additional repair locations for consideration. These new repair locations for consideration included joints that may not have been rated a 2 or greater during the initial plan development, but now have active leaks or present signs of groundwater infiltration. Kimley-Horn and Hydrostructures also confirmed that these new locations could benefit from being repaired at this time since it would be more cost effective to repair any active infiltration joints while the contractor is on site. Based on the field evaluations, the following additional repairs are noted:

- 60-Inch Pipe
 - 41 total joints noted for repair on 12-5-19 site visit
 - 19 new joints were identified for repair (within the 41 total)
 - 3 joints that were planned for repair were deemed not needed (credit for these 3)
 - **16 new joints will be paid for in the 60” pipe** (19 new -3 credit)

- 54-Inch Pipe
 - 5 total joints noted for repair on 12-9-19 site visit
 - 2 new joints were identified for repair (within the 5 total)
 - **2 new joints will be paid for in the 54” pipe** (5 - 3 original in plans)

- **18 total joint repair locations will be paid for as part of this Change order (19 new from 60-inch pipe – 3 credits + 2 from 54-Inch Pipe)**

Kimley-Horn recommends that these additional leaking joints should be repaired at this time assuming the Airport Budget will allow for it. The estimated cost of 18 additional joint repairs is \$29,700. This is based on 18 new joints at \$650 per joint and an estimated 10 gallons of grout per joint at \$100 per gallon. **This repair number is an estimate based on field findings at this time and the Contractor will only be paid for the number of joints repaired.**

It may be wise to add one additional joint repair to this estimate for budgetary purposes in the event that a new joint repair location is identified as repairs are completed. Adding one additional joint repair location would bring the total number for this change order to 19 additional joint repairs totaling \$31,350. Please see attached spreadsheet and please let us know if you have any questions.

Sincerely,

Kimley-Horn

A handwritten signature in black ink that reads "Dan Robinson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Dan Robinson, PE, CFM

Attachment

Field Joint Observation Table 60-INCH PIPE ONLY				
Joint # In Field	Joint # In Plans (for ref only)	Description (noted from 12/5/19 field walk)	Marked For Repair in Main/Alt Bid?	Going to Repair?
Joint 4		Stained/Dry	N	N
Joint 6		Wet/Active Leak	N	Y
Joint 20		Stained/Dry	N	N
Joint 23		Wet/Seeping	N	Y
Joint 33	Joint 34	Marked to complete	Y	Yes
Joint 34	Joint 35	Marked to complete	Y	Yes
Joint 35		Marked to complete	N	Y
Joint 36	Joint 37	Marked to complete	Y	Yes
Joint 37		Stained/Dry	N	N
Joint 40		Wet/Seeping	Y	Yes
Joint 42		Stained/Dry	N	N
Joint 44	Joint 45	Marked to complete	Y	Yes
Joint 47		Stained/Dry	N	N
Joint 48		Wet/Seeping	N	Y
Joint 49				N
Joint 50	Joint 51	Marked to complete	Y	Yes
Joint 51		Wet/Seeping	N	Y
Joint 52		Stained/Dry	N	N
Joint 53		Wet/Seeping	N	Y
Joint 55		Stained/Wet	N	Y
Joint 56		Wet/Seeping	N	Y
Joint 58	Joint 59	Marked to complete	Y	Yes
Joint 59	Joint 60	Marked to complete	Y	Yes
Joint 60		Wet/Seeping	Y	Yes
Joint 62				N
Joint 63	Joint 64	Marked to complete	Y	Yes
Joint 66	Joint 67	Marked to complete	Y	Yes
Joint 67		Stained/Wet	N	Y
Joint 68		Stained/Dry	N	N
Joint 69		Stained/Dry	N	N
Joint 70		Stained/Wet	Y	Yes
Joint 71		Stained/ Wet	N	Y
Joint 72	Joint 73	Marked to complete	Y	Yes
Joint 73		Stained/Dry	N	N
Joint 74		Stained/Dry	N	N
Joint 77		Wet/Seeping	N	Y
Joint 78		Stained/Wet	N	Y
Joint 85	Joint 86	Marked to complete	Y	Yes
Joint 86		Wet/Seeping	N	Y
Joint 97	Joint 98	Marked to complete	Y	Yes
Joint 98				N
Joint 99	Joint 100	Marked to complete	Y	Yes
Joint 101		Wet/Seeping	Y	Yes
Joint 102		Wet/Seeping	N	Y
Joint 109		Wet/Seeping	N	Y
Joint 111	Joint 112	Marked to complete	Y	Yes
Joint 118	Joint 119	Marked to complete	Y	Yes
Joint 120	Joint 121	Marked to complete	Y	Yes
Joint 121		Wet/Seeping	N	Y
Joint 123		Wet/Active Leak	N	Y
Joint 127	Joint 128	Marked to complete	Y	Yes
Joint 133		Stained/Wet	N	Y
Joint 136		Wet/Active Leak	N	Y
Joint 137		Wet/Active Leak	Y	Yes

original repair location -60" only (part of base and alt bid)
field identified new repair (active leaks)
field identified joint stains
Not active leak - No repair)
Original repair location -60" only Not noted for repair in Field
Confirmed No Repair Needed

*Inspect in field for determination

12-9-19 Pipe Repair Summary Summary of Findings and Totals		
	#	Note
Total # of Joints called out to be repaired per plans and bid and alt bid in the 60" pipe only	25	
Total # Of Joints called out to be repaired via manned entry field inspection (12/5/2019) <i>Contractor/Hydrostructures to confirm 60" list from email is correct.</i>	41	This 41 does not include Joint #49, #62, and #98
Number of Joints from total above that were included in main/alt bid	22	60" only
Total number of joints to be repaired that were not included main/alt bid	19	41 leaking defects found in 60" pipe minus 22 that were accounted for in original bid tab = 19 new defects to be repaired
Number of joints called out on main/alt bid that were not flagged in field to be repaired (60" only)	3	Inspection in field on 12/9/2019 determined that no repair needed for joint number #49, #62, and #98

Based on above information, there appear to be 19 additional leaking joint repairs that can be completed at this time within the 60" pipe (outside of original bid tab). Joint #49, #62, and #98 were not included in the 12/5/19 field repair list and were accounted for in original bid tab. Hydrostructures inspection on 12-9-19 determined these 3 joints do not need to be repaired. Since they do not need repair then the Airport will get a credit for 3 joints not repaired and this credit will be applied to the 19 new joints that need repair. This means the contractor will only get paid for 16 additional repair locations (instead of 19) in the 60" pipe. Contractor will only be paid for joints repaired and this summary was intended to attempt to capture new joints needing repair versus previously identified joints needing repair.

Summary of Findings and Totals (FOR 54-INCH ONLY)		
	#	Note
Total # of Joints called out to be repaired per plans and bid and alt bid in the 54" pipe only	3	
Total # Of Joints called out to be repaired via manned entry field inspection (12/9/2019)	5	
Total number of joints to be repaired that were not included main/alt bid	2	5 leaking defects found in 54" pipe minus 3 that were accounted for in original bid tab = 2 new defects to be repaired

Field Joint Observation Table 54-INCH PIPE ONLY				
Joint # In Field	Joint # In Plans (for ref only)	Description (noted from 12/5/19 field walk)	Marked For Repair in Main/Alt Bid?	Going to Repair?
138		Wet/Active Leak	Y	Yes
140		Wet/Active Leak	N	Y
142		Wet/Active Leak	Y	Yes
143		Wet/Active Leak	Y	Yes
145		Wet/Active Leak	N	Y

Summary of Findings and Totals (FOR BOTH 54-INCH & 60-INCH PIPES)		
	#	Note
Total # of additional Joints be repaired	21	Assuming 19 repairs in 60" and 2 new repairs in 54"
Total # of additional Joints be Paid for in Change order	18	19 repairs in 60" minus 3 repair credits + 2 new repairs in the 54" pipe



MEMORANDUM

TO: Members of the Airport Authority

FROM: Lew Bleiweis, A.A.E., Executive Director

DATE: December 13, 2019

ITEM DESCRIPTION – Information Section Item A

October, 2019 Traffic Report – Asheville Regional Airport

SUMMARY

October, 2019 overall passenger traffic numbers were up 37.2% compared to the same period last year. Passenger traffic numbers reflect a 35.7% increase in passenger enplanements from October, 2018. Enplanements for Fiscal Year to Date total 311,952 which is a 43% increase over the same period last year.

AIRLINE PERFORMANCE

Allegiant Airlines: Year over Year passenger enplanements for Allegiant in October 2019 were up by 47.8%. There were no flight cancellations for the month.

American Airlines: American's October 2019 passenger enplanements represent a 46.8% increase over the same period last year. There were six (6) flight cancellations for the month.

Delta Airlines: Delta's October 2019 enplanements increased by 9.0% compared to October 2018. There were no flight cancellations for the month.

Spirit Airlines: Spirit experienced a 25.1% increase in passenger enplanements in October 2019 compared to October 2018. There were no flight cancellations for the month.

United Airlines: In October 2019, United Airlines saw an increase in enplanements by 33.2% over the same period last year. There were no flight cancellations for the month.

Monthly Traffic Report

Asheville Regional Airport

October 2019



Category	Oct 2019	Oct 2018	Percentage Change	*CYTD-2019	*CYTD-2018	Percentage Change	*MOV12-2019	*MOV12-2018	Percentage Change
Passenger Traffic									
Enplaned	81,495	60,054	35.7%	669,198	461,677	44.9%	775,697	545,219	42.3%
Deplaned	<u>83,199</u>	<u>60,006</u>	38.7%	<u>666,536</u>	<u>460,771</u>	44.7%	<u>772,157</u>	<u>547,611</u>	41.0%
Total	164,694	120,060	37.2%	1,335,734	922,448	44.8%	1,547,854	1,092,830	41.6%
Aircraft Operations									
Airlines	1,423	928	53.3%	10,841	7,444	45.6%	12,627	8,774	43.9%
Commuter/ Air Taxi	<u>1,087</u>	<u>1,135</u>	-4.2%	9,562	8,606	11.1%	11,096	10,235	8.4%
Subtotal	<u>2,510</u>	<u>2,063</u>	21.7%	<u>20,403</u>	<u>16,050</u>	27.1%	<u>23,723</u>	<u>19,009</u>	24.8%
General Aviation	4,049	3,246	24.7%	40,342	33,535	20.3%	45,538	40,113	13.5%
Military	<u>263</u>	<u>365</u>	-27.9%	<u>2,516</u>	<u>2,756</u>	-8.7%	<u>2,957</u>	<u>3,462</u>	-14.6%
Subtotal	<u>4,312</u>	<u>3,611</u>	19.4%	<u>42,858</u>	<u>36,291</u>	18.1%	<u>48,495</u>	<u>43,575</u>	11.3%
Total	6,822	5,674	20.2%	63,261	52,341	20.9%	72,218	62,584	15.4%
Fuel Gallons									
100LL	15,456	15,815	-2.3%	146,342	138,202	5.9%	171,587	162,679	5.5%
Jet A (GA)	133,625	155,462	-14.0%	1,162,142	1,242,350	-6.5%	1,377,739	1,428,181	-3.5%
Subtotal	<u>149,081</u>	<u>171,277</u>	-13.0%	<u>1,308,484</u>	<u>1,380,552</u>	-5.2%	<u>1,549,326</u>	<u>1,590,860</u>	-2.6%
Jet A (A/L)	<u>762,627</u>	<u>450,048</u>	69.5%	<u>5,666,916</u>	<u>3,577,533</u>	58.4%	<u>6,447,332</u>	<u>4,172,857</u>	54.5%
Total	911,708	621,325	46.7%	6,975,400	4,958,085	40.7%	7,996,658	5,763,717	38.7%

*CYTD = Calendar Year to Date and *Mov12 = Moving Twelve Months.

Wednesday, November 27, 2019

Airline Enplanements, Seats, and Load Factors

Asheville Regional Airport

October 2019



	Oct 2019	Oct 2018	Percentage Change	*CYTD-2019	*CYTD-2018	Percentage Change
Allegiant Air						
Enplanements	35,375	23,932	47.8%	277,746	169,601	63.8%
Seats	46,236	29,405	57.2%	362,760	201,741	79.8%
Load Factor	76.5%	81.4%	-6.0%	76.6%	84.1%	-8.9%
American Airlines						
Enplanements	17,472	11,904	46.8%	143,281	97,924	46.3%
Seats	20,717	14,868	39.3%	171,691	121,193	41.7%
Load Factor	84.3%	80.1%	5.3%	83.5%	80.8%	3.3%
Delta Air Lines						
Enplanements	14,833	13,604	9.0%	133,064	123,262	8.0%
Seats	16,575	15,020	10.4%	151,144	141,210	7.0%
Load Factor	89.5%	90.6%	-1.2%	88.0%	87.3%	0.9%
Elite Airways						
Enplanements	0	0	#Num!	823	1,056	-22.1%
Seats	0	0	#Num!	1,640	2,070	-20.8%
Load Factor	#Num!	#Num!	#Type!	50.2%	51.0%	-1.6%
Spirit Airlines						
Enplanements	4,978	3,979	25.1%	43,333	5,991	623.3%
Seats	7,540	6,324	19.2%	79,708	11,988	564.9%
Load Factor	66.0%	62.9%	4.9%	54.4%	50.0%	8.8%
United Airlines						
Enplanements	8,837	6,635	33.2%	70,951	63,843	11.1%
Seats	10,518	8,080	30.2%	87,710	78,155	12.2%
Load Factor	84.0%	82.1%	2.3%	80.9%	81.7%	-1.0%

Wednesday, November 27, 2019

*CTYD = Calendar Year to Date and *Mov12 = Moving Twelve Months.

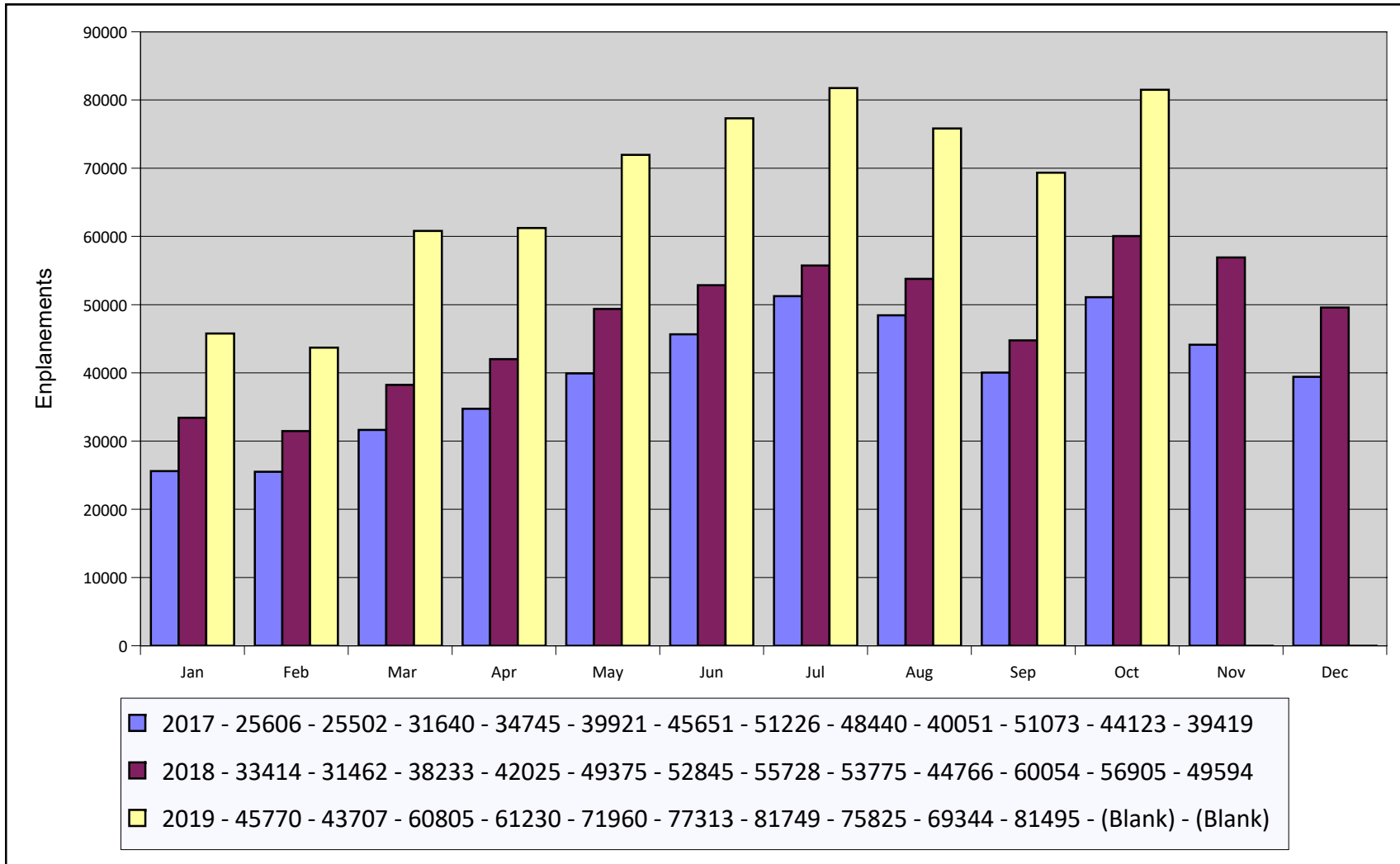
	Oct 2019	Oct 2018	Percentage Change	*CYTD-2019	*CYTD-2018	Percentage Change
Totals						
Enplanements	81,495	60,054	35.7%	669,198	461,677	44.9%
Seats	101,586	73,697	37.8%	854,653	556,357	53.6%
Load Factor	80.2%	81.5%	-1.6%	78.3%	83.0%	-5.6%

Airline Flight Completions Asheville Regional Airport October 2019

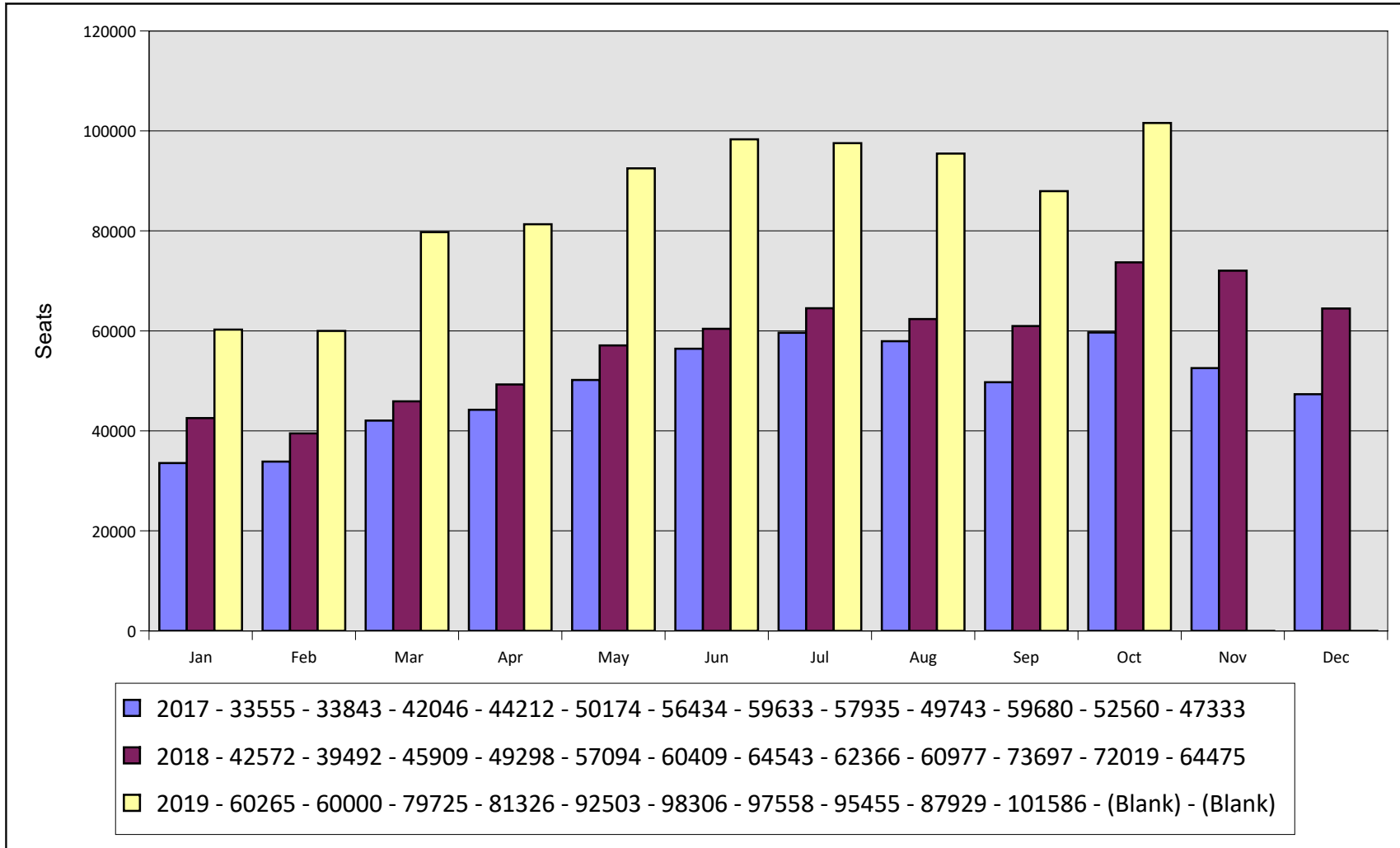


Airline	Scheduled Flights	Field	Cancellations Due To			Total Cancellations	Percentage of Completed Flights
			Mechanical	Weather	Other		
Allegiant Air	256	0	0	0	0	0	100.0%
American Airlines	309	0	3	3	0	6	98.1%
Delta Air Lines	304	0	0	0	0	0	100.0%
Spirit Airlines	52	0	0	0	0	0	100.0%
United Airlines	209	0	0	0	0	0	100.0%
Total	1,130	0	3	3	0	6	99.5%

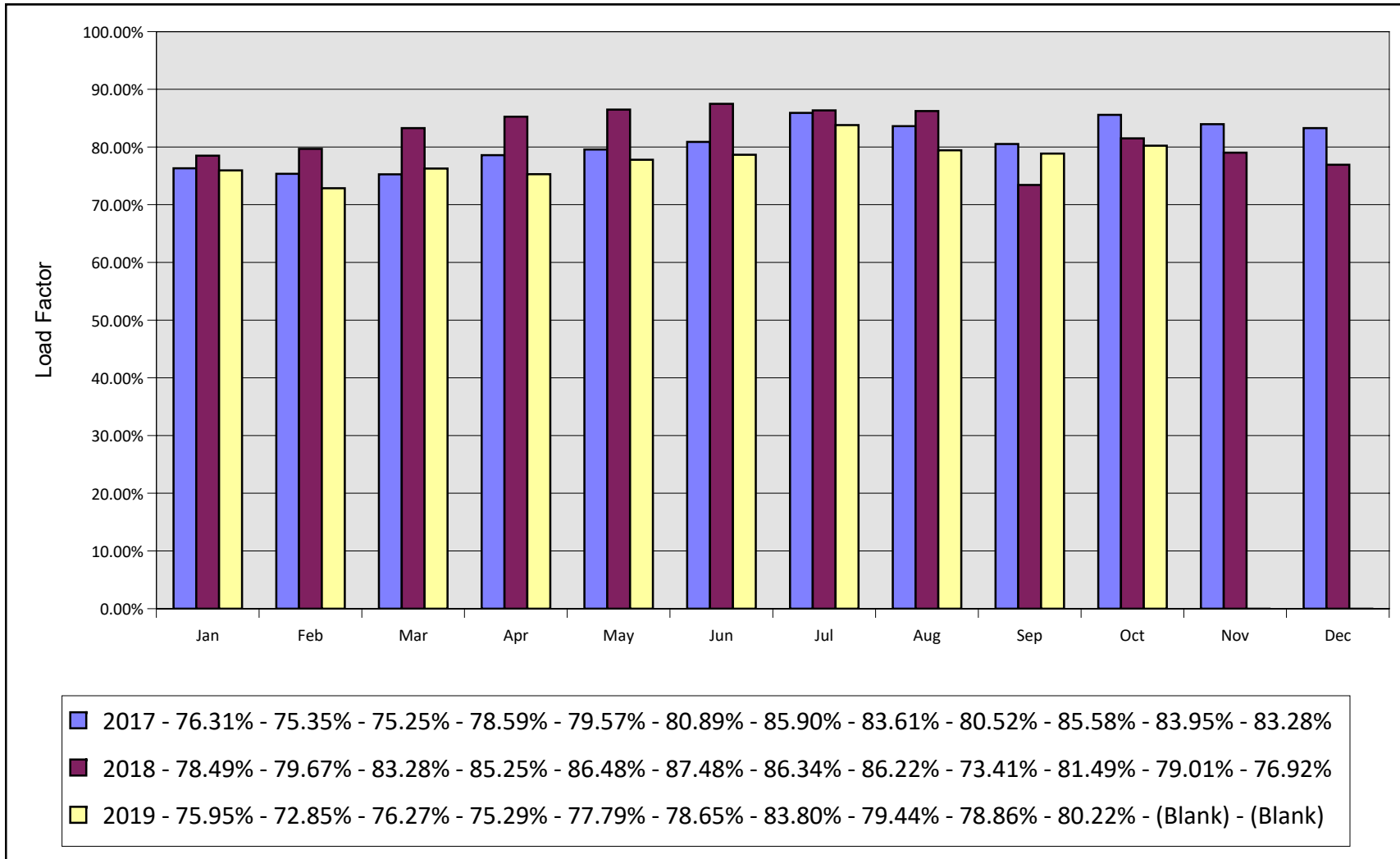
Monthly Enplanements By Year Asheville Regional Airport



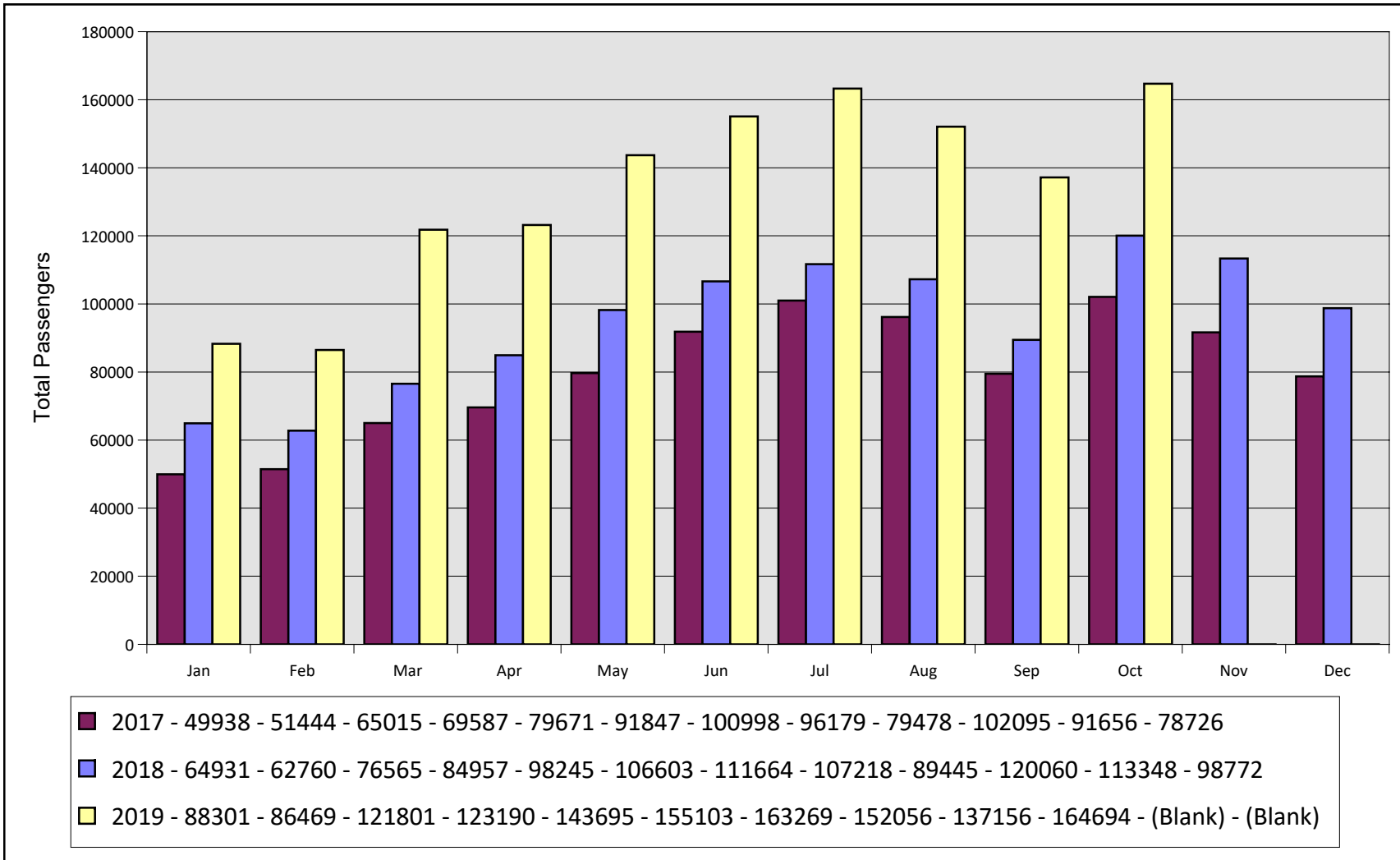
Monthly Seats By Year Asheville Regional Airport



Monthly Load Factors By Year Asheville Regional Airport

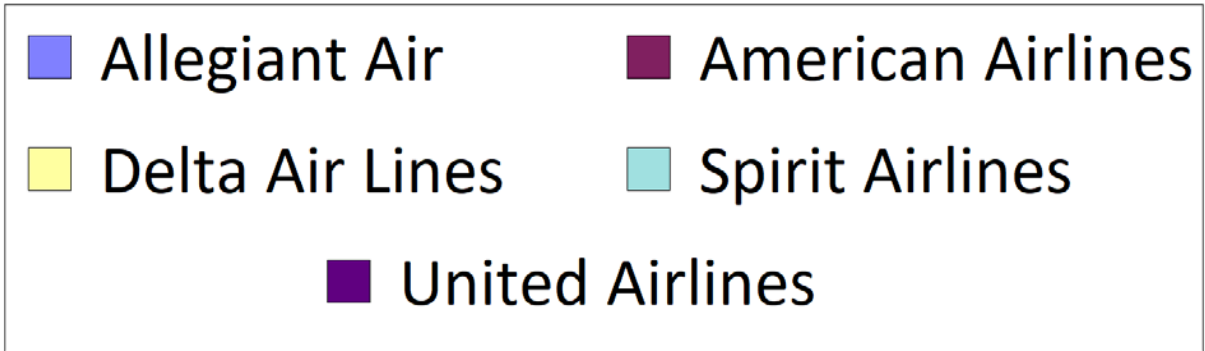
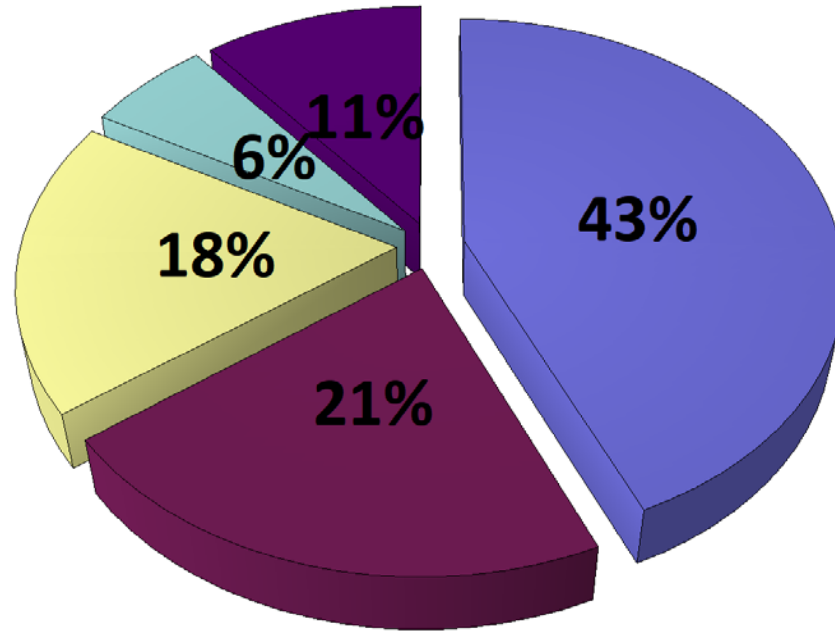


Total Monthly Passengers By Year Asheville Regional Airport



Airline Market Share Analysis (Enplanements) Asheville Regional Airport

Report Period From October 2019 Through October 2019



January 2020 vs. January 2020										
Mkt AI	Travel Period		Jan-20		Jan-19		Diff		Percent Diff	
	Orig	Dest	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats
AA	AVL	CLT	54	3,358	42	2,883	12	475	28.6%	16.5%
AA	CLT	AVL	53	3,325	42	2,883	11	442	26.2%	15.3%
AA	AVL	DFW	9	684	0	0	9	684		
AA	DFW	AVL	9	652	0	0	9	652		
AA	AVL	LGA	2	152	0	0	2	152		
AA	LGA	AVL	2	152	0	0	2	152		
AA	AVL	PHL	7	521	0	0	7	521		
AA	PHL	AVL	7	521	0	0	7	521		
DL	ATL	AVL	47	3,134	46	2,834	1	300	2.2%	10.6%
DL	AVL	ATL	47	3,100	46	2,834	1	266	2.2%	9.4%
G4	AVL	BWI	1	177	0	0	1	177		
G4	BWI	AVL	1	177	0	0	1	177		
G4	AVL	EWR	2	354	2	354	0	0	0.0%	0.0%
G4	EWR	AVL	2	354	2	354	0	0	0.0%	0.0%
G4	AVL	FLL	12	2,124	14	2,478	(2)	(354)	(14.3%)	(14.3%)
G4	FLL	AVL	12	2,124	14	2,478	(2)	(354)	(14.3%)	(14.3%)
G4	AVL	PBI	2	354	0	0	2	354		
G4	PBI	AVL	2	354	0	0	2	354		
G4	AVL	PGD	2	354	2	354	0	0	0.0%	0.0%
G4	PGD	AVL	2	354	2	354	0	0	0.0%	0.0%
G4	AVL	PIE	11	1,947	6	1,062	5	885	83.3%	83.3%
G4	PIE	AVL	11	1,947	6	1,062	5	885	83.3%	83.3%
G4	AVL	SFB	13	2,301	7	1,239	6	1,062	85.7%	85.7%
G4	SFB	AVL	13	2,301	7	1,239	6	1,062	85.7%	85.7%
G4	AVL	SRQ	2	354	0	0	2	354		
G4	SRQ	AVL	2	354	0	0	2	354		
NK	AVL	FLL	0	0	4	728	(4)	(728)	(100.0%)	(100.0%)
NK	FLL	AVL	0	0	4	728	(4)	(728)	(100.0%)	(100.0%)
NK	AVL	MCO	5	910	4	728	1	182	25.0%	25.0%
NK	MCO	AVL	5	910	4	728	1	182	25.0%	25.0%
NK	AVL	TPA	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
NK	TPA	AVL	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
UA	AVL	EWR	0	0	6	300	(6)	(300)	(100.0%)	(100.0%)
UA	EWR	AVL	0	0	6	300	(6)	(300)	(100.0%)	(100.0%)
UA	AVL	IAD	14	700	0	0	14	700		
UA	IAD	AVL	14	700	0	0	14	700		
UA	AVL	ORD	14	700	14	700	0	0	0.0%	0.0%
UA	ORD	AVL	14	700	14	700	0	0	0.0%	0.0%
Total			393	36,149	300	28,412	93	7,737	31.0%	27.2%

February 2020 vs. February 2020										
Mkt AI	Travel Period		Feb-20		Feb-19		Diff		Percent Diff	
	Orig	Dest	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats
AA	AVL	CLT	54	3,342	42	2,883	12	459	28.6%	15.9%
AA	CLT	AVL	54	3,342	42	2,883	12	459	28.6%	15.9%
AA	AVL	DFW	7	532	0	0	7	532		
AA	DFW	AVL	7	532	0	0	7	532		
AA	AVL	LGA	2	152	0	0	2	152		
AA	LGA	AVL	2	152	0	0	2	152		
AA	AVL	PHL	7	532	0	0	7	532		
AA	PHL	AVL	7	532	0	0	7	532		
DL	ATL	AVL	47	2,952	46	2,834	1	118	2.2%	4.2%
DL	AVL	ATL	47	2,952	46	2,834	1	118	2.2%	4.2%
G4	AVL	EWR	2	354	2	354	0	0	0.0%	0.0%
G4	EWR	AVL	2	354	2	354	0	0	0.0%	0.0%
G4	AVL	FLL	12	2,124	14	2,478	(2)	(354)	(14.3%)	(14.3%)
G4	FLL	AVL	12	2,124	14	2,478	(2)	(354)	(14.3%)	(14.3%)
G4	AVL	PBI	2	354	0	0	2	354		
G4	PBI	AVL	2	354	0	0	2	354		
G4	AVL	PGD	2	354	3	531	(1)	(177)	(33.3%)	(33.3%)
G4	PGD	AVL	2	354	3	531	(1)	(177)	(33.3%)	(33.3%)
G4	AVL	PIE	11	1,947	5	885	6	1,062	120.0%	120.0%
G4	PIE	AVL	11	1,947	5	885	6	1,062	120.0%	120.0%
G4	AVL	SFB	13	2,310	7	1,218	6	1,092	85.7%	89.7%
G4	SFB	AVL	13	2,310	7	1,218	6	1,092	85.7%	89.7%
G4	AVL	SRQ	2	354	0	0	2	354		
G4	SRQ	AVL	2	354	0	0	2	354		
NK	AVL	FLL	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
NK	FLL	AVL	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
NK	AVL	MCO	5	910	3	546	2	364	66.7%	66.7%
NK	MCO	AVL	5	910	3	546	2	364	66.7%	66.7%
NK	AVL	TPA	0	0	2	364	(2)	(364)	(100.0%)	(100.0%)
NK	TPA	AVL	0	0	2	364	(2)	(364)	(100.0%)	(100.0%)
UA	AVL	EWR	0	0	6	300	(6)	(300)	(100.0%)	(100.0%)
UA	EWR	AVL	0	0	6	300	(6)	(300)	(100.0%)	(100.0%)
UA	AVL	IAD	14	700	0	0	14	700		
UA	IAD	AVL	14	700	0	0	14	700		
UA	AVL	ORD	14	700	14	700	0	0	0.0%	0.0%
UA	ORD	AVL	14	700	14	700	0	0	0.0%	0.0%
Total			388	35,234	294	27,278	94	7,956	32.0%	29.2%

March 2020 vs. March 2020

Mkt AI	Travel Period		Mar-20		Mar-19		Diff		Percent Diff	
	Orig	Dest	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats	Ops/Week	Seats
AA	AVL	CLT	56	3,305	48	3,274	8	31	16.7%	0.9%
AA	CLT	AVL	56	3,305	48	3,274	8	31	16.7%	0.9%
AA	AVL	DFW	14	1,064	0	0	14	1,064		
AA	DFW	AVL	14	1,064	0	0	14	1,064		
AA	AVL	LGA	2	152	0	0	2	152		
AA	LGA	AVL	2	152	0	0	2	152		
AA	AVL	PHL	14	805	0	0	14	805		
AA	PHL	AVL	14	987	0	0	14	987		
DL	ATL	AVL	48	3,151	47	3,142	1	9	2.1%	0.3%
DL	AVL	ATL	48	3,151	47	3,142	1	9	2.1%	0.3%
G4	AVL	BWI	2	312	2	354	0	(42)	0.0%	(11.9%)
G4	BWI	AVL	2	312	2	354	0	(42)	0.0%	(11.9%)
G4	AVL	DEN	1	177	2	354	(1)	(177)	(50.0%)	(50.0%)
G4	DEN	AVL	1	177	2	354	(1)	(177)	(50.0%)	(50.0%)
G4	AVL	EWR	2	354	5	885	(3)	(531)	(60.0%)	(60.0%)
G4	EWR	AVL	2	354	5	885	(3)	(531)	(60.0%)	(60.0%)
G4	AVL	FLL	21	3,717	16	2,832	5	885	31.3%	31.3%
G4	FLL	AVL	21	3,717	16	2,832	5	885	31.3%	31.3%
G4	AVL	PBI	2	354	0	0	2	354		
G4	PBI	AVL	2	354	0	0	2	354		
G4	AVL	PGD	3	489	3	531	0	(42)	0.0%	(7.9%)
G4	PGD	AVL	3	489	3	531	0	(42)	0.0%	(7.9%)
G4	AVL	PIE	9	1,530	7	1,197	2	333	28.6%	27.8%
G4	PIE	AVL	9	1,530	7	1,197	2	333	28.6%	27.8%
G4	AVL	SFB	13	2,217	9	1,530	4	687	44.4%	44.9%
G4	SFB	AVL	13	2,217	9	1,530	4	687	44.4%	44.9%
G4	AVL	SRQ	2	354	2	354	0	0	0.0%	0.0%
G4	SRQ	AVL	2	354	2	354	0	0	0.0%	0.0%
NK	AVL	FLL	0	0	4	728	(4)	(728)	(100.0%)	(100.0%)
NK	FLL	AVL	0	0	4	728	(4)	(728)	(100.0%)	(100.0%)
NK	AVL	MCO	5	725	4	728	1	(3)	25.0%	(0.4%)
NK	MCO	AVL	5	725	4	728	1	(3)	25.0%	(0.4%)
NK	AVL	TPA	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
NK	TPA	AVL	0	0	3	546	(3)	(546)	(100.0%)	(100.0%)
UA	AVL	IAD	14	700	14	700	0	0	0.0%	0.0%
UA	IAD	AVL	14	700	14	700	0	0	0.0%	0.0%
UA	AVL	ORD	21	1,050	21	1,050	0	0	0.0%	0.0%
UA	ORD	AVL	21	1,050	21	1,050	0	0	0.0%	0.0%
Total			458	41,094	374	36,410	84	4,684	22.5%	12.9%



MEMORANDUM

TO: Members of the Airport Authority
FROM: Janet Burnette, Director of Finance & Accounting
DATE: December 13, 2019

ITEM DESCRIPTION – Information Section Item B

Greater Asheville Regional Airport – Explanation of Extraordinary Variances
Month of October 2019

SUMMARY

Operating Revenues for the month of October were \$1,688,471, 59.1% over budget. Operating Expenses for the month were \$802,144, 34.0% under budget. As a result, Net Operating Revenues before Depreciation were \$886,327. Net Non-Operating Revenues were \$472,479, 38.3% over budget.

Year-to-date Operating Revenues were \$6,330,918, 49.1% over budget. Year-to-date Operating Expenses were \$2,849,772, 28.6% under budget. Year-to-date Net Operating Revenues before Depreciation were \$3,481,146. Net Non-Operating Revenues for the year were \$1,045,298, 23.5% under budget.

REVENUES

Significant variations to budget for October were:

Terminal rentals-airline	\$66,893	33.33%	Enplanements over budget
Landing fees	\$64,093	74.58%	Enplanements over budget
Concessions	\$22,141	47.53%	Enplanements over budget
Rental car	\$180,116	126.30%	Enplanements over budget and new brands on site
Auto Parking	\$296,154	78.97%	Enplanements over budget
Ground Transportation	\$30,199	192.25%	Enplanements over budget

Information Section – Item B



EXPENSES

Significant variations to budget for October were:

Professional Services	\$21,030	65.56%	Audit and legal services paid during current month higher than budgeted for month
Contractual Services	(\$71,413)	(49.01%)	Shuttle service budgeted but no expense
Publications/Memberships	\$41,862	811.55%	ACI and Vistage memberships
Emergency Repairs	\$44,577	1069.85%	Loading bridge repairs to be reimbursed by insurance

STATEMENT OF NET ASSETS

Significant variations to prior month were:

Cash and Cash Equivalents – Cash and Cash Equivalents decreased by \$1,991k mainly due to the Airfield Redevelopment project.

Grants Receivable – Grants Receivable increased by \$1,943k due to the Airfield Redevelopment project.

Construction in Progress – Construction in Progress increased by \$3,162k mainly due to the Airfield Redevelopment project.

Property and Equipment, Net – Property and Equipment, Net decreased by \$438k due to depreciation.

**ASHEVILLE REGIONAL AIRPORT
INVESTMENT AND INTEREST INCOME SUMMARY
As of October 31, 2019**

<u>Institution:</u>	<u>Interest Rate</u>	<u>Investment Amount</u>	<u>Monthly Interest</u>
Bank of America - Operating Account	0.80%	\$ 11,728,308	6,988
First Citizens - Money Market Account	0.35%	404,221	0
NC Capital Management Trust - Cash Portfolio		17,985	27
NC Capital Management Trust - Term Portfolio		9,384,674	15,306
Petty Cash		200	
 <u>Restricted Cash:</u>			
BNY Mellon		567,992	
Bank of America - PFC Revenue Account	0.80%	3,506,558	1,776
NC Capital Management Trust - Term Port - PFC		10,242,855	16,706
 Total		 <u>\$ 35,852,793</u>	 <u>\$ 40,803</u>

Investment Diversification:

Banks	45%
NC Capital Management Trust	55%
Commercial Paper	0%
Federal Agencies	0%
US Treasuries	0%
	<u>100%</u>

**ASHEVILLE REGIONAL AIRPORT
STATEMENT OF CHANGES IN FINANCIAL POSITION
For the Month Ended October 31, 2019**

	<u>Current Month</u>	<u>Prior Period</u>
Cash and Investments Beginning of Period	\$ 37,844,367	\$ 36,523,177
Net Income/(Loss) Before Capital Contributions	919,992	921,412
Depreciation	438,813	438,813
Decrease/(Increase) in Receivables	(2,183,608)	3,091
Increase/(Decrease) in Payables	52,313	168,936
Decrease/(Increase) in Prepaid Expenses	-	-
Decrease/(Increase) in Fixed Assets	(3,162,935)	(1,012,768)
Principal Payments of Bond Maturities	-	-
Capital Contributions	1,943,851	801,706
Increase(Decrease) in Cash	<u>(1,991,574)</u>	<u>1,321,190</u>
Cash and Investments End of Period	<u><u>\$ 35,852,793</u></u>	<u><u>\$ 37,844,367</u></u>

**ASHEVILLE REGIONAL AIRPORT
STATEMENT OF FINANCIAL POSITION
As of October 31, 2019**

	Current Month	Last Month
<u>ASSETS</u>		
Current Assets:		
Unrestricted Net Assets:		
Cash and Cash Equivalents	\$21,535,388	\$23,709,249
Investments	0	0
Accounts Receivable	1,107,047	1,097,263
Passenger Facility Charges Receivable	500,000	300,000
Refundable Sales Tax Receivable	46,845	16,873
Grants Receivable	6,643,306	4,699,454
Prepaid Expenses	150	150
Total Unrestricted Assets	29,832,736	29,822,989
Restricted Assets:		
Cash and Cash Equivalents	14,317,404	14,135,118
Total Restricted Assets	14,317,404	14,135,118
Total Current Assets	44,150,140	43,958,107
Noncurrent Assets:		
Construction in Progress	68,600,258	65,437,322
Net Pension Asset - LGERS	(1,178,625)	(1,178,625)
Benefit Payment - OPEB	50,329	50,329
Contributions in Current Year	951,989	951,989
Property and Equipment - Net	72,597,388	73,036,202
Total Noncurrent Assets	141,021,339	138,297,217
	\$185,171,479	\$182,255,324
<u>LIABILITIES AND NET ASSETS</u>		
Current Liabilities:		
Payable from Unrestricted Assets:		
Accounts Payable & Accrued Liabilities	\$17,157	(\$13,032)
Customer Deposits	12,785	12,785
Unearned Revenue	170,876	184,082
Unearned Revenue - Constr	2,733,674	2,733,674
Construction Contracts Payable	0	0
Construction Contract Retainages	574,507	574,507
Revenue Bond Payable - Current	1,280,000	1,280,000
Interest Payable	141,317	105,988
Total Payable from Unrestricted Assets	4,930,316	4,878,004
Total Current Liabilities	4,930,316	4,878,004
Noncurrent Liabilities:		
Pension Deferrals - OPEB	82,080	82,080
Other Postemployment Benefits	1,318,276	1,318,276
Compensated Absences	346,617	346,617
Net Pension Obligation-LEO Special Separation Allowance	453,052	453,052
Revenue Bond Payable - Noncurrent	16,305,000	16,305,000
Total Noncurrent Liabilities	18,505,025	18,505,025
Total Liabilities	23,435,341	23,383,029
Net Assets:		
Invested in Capital Assets	123,612,646	120,888,524
Restricted	14,317,404	14,135,118
Unrestricted	23,806,088	23,848,653
Total Net Assets	161,736,138	158,872,295
	\$185,171,479	\$182,255,324



Income Statement

Through 10/31/19

Summary Listing

Classification	MTD Actual Amount	YTD Actual Amount	YTD Budget Amount	YTD Variance	Annual Budget Amount	Annual Budget Less YTD Actual
Fund Category Governmental Funds						
Fund Type General Fund						
Fund 10 - General Fund						
<i>Operating revenues</i>						
Terminal space rentals - non airline	21,047.81	83,388.20	84,288.67	(900.47)	252,866.00	169,477.80
Terminal space rentals - airline	267,579.89	978,791.12	802,746.67	176,044.45	2,408,240.00	1,429,448.88
Landing fees	150,030.53	504,557.79	343,748.67	160,809.12	1,031,246.00	526,688.21
Concessions	68,726.02	263,529.10	186,340.00	77,189.10	559,020.00	295,490.90
Auto parking	671,154.42	2,472,500.59	1,500,000.00	972,500.59	4,500,000.00	2,027,499.41
Rental car - car rentals	322,723.15	1,185,764.81	570,427.67	615,337.14	1,711,283.00	525,518.19
Rental car - facility rent	53,090.01	212,360.04	217,387.00	(5,026.96)	652,161.00	439,800.96
Commerce ground transportation	45,907.32	108,574.01	62,833.33	45,740.68	188,500.00	79,925.99
FBO's	92,075.82	367,419.27	352,101.33	15,317.94	1,056,304.00	688,884.73
Building leases	13,044.65	45,284.20	31,828.67	13,455.53	95,486.00	50,201.80
Land leases	6,057.11	33,906.88	27,611.00	6,295.88	82,833.00	48,926.12
Other leases and fees	(22,965.89)	74,842.31	65,600.00	9,242.31	196,800.00	121,957.69
<i>Operating revenues Totals</i>	\$1,688,470.84	\$6,330,918.32	\$4,244,913.01	\$2,086,005.31	\$12,734,739.00	\$6,403,820.68
<i>Non-operating revenue and expense</i>						
Customer facility charges	245,195.25	897,549.00	533,333.33	364,215.67	1,600,000.00	702,451.00
Passenger facility charges	221,809.90	1,214,766.89	750,000.00	464,766.89	2,250,000.00	1,035,233.11
Interest revenue	40,803.38	177,467.21	83,333.33	94,133.88	250,000.00	72,532.79
Interest expense	(35,329.29)	(141,317.16)	0.00	(141,317.16)	.00	141,317.16
Reimbursable cost expenses	.00	(1,103,168.12)	0.00	(1,103,168.12)	.00	1,103,168.12
Gain or loss on disposal of assets	.00	.00	0.00	.00	.00	.00
P-card rebate	.00	.00	0.00	.00	.00	.00
<i>Non-operating revenue and expense Totals</i>	\$472,479.24	\$1,045,297.82	\$1,366,666.66	(\$321,368.84)	\$4,100,000.00	\$3,054,702.18
Capital contributions	\$1,943,851.22	\$4,156,236.58	\$0.00	\$4,156,236.58	\$0.00	(\$4,156,236.58)
<i>Operating expenses</i>						
Personnel services	444,085.38	1,705,083.34	2,148,548.00	(443,464.66)	6,445,644.00	4,740,560.66

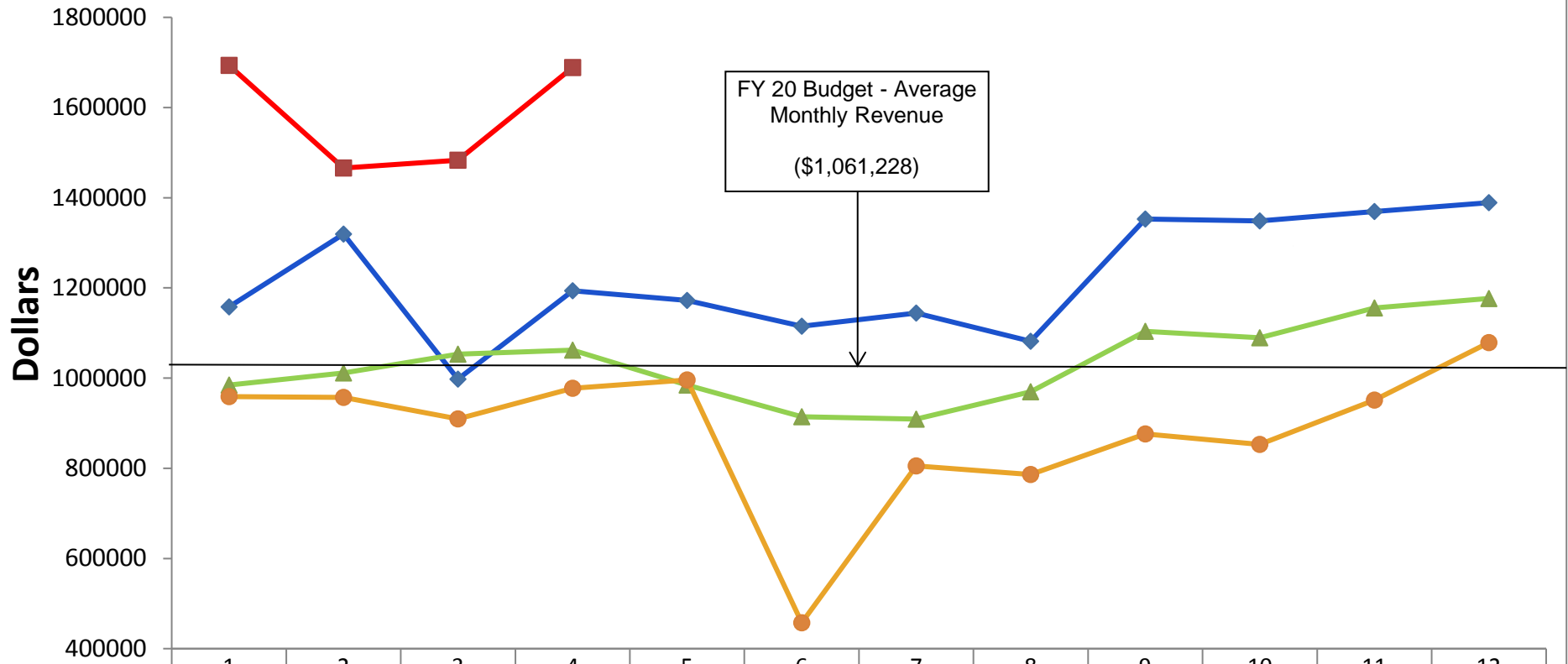


Income Statement

Through 10/31/19
Summary Listing

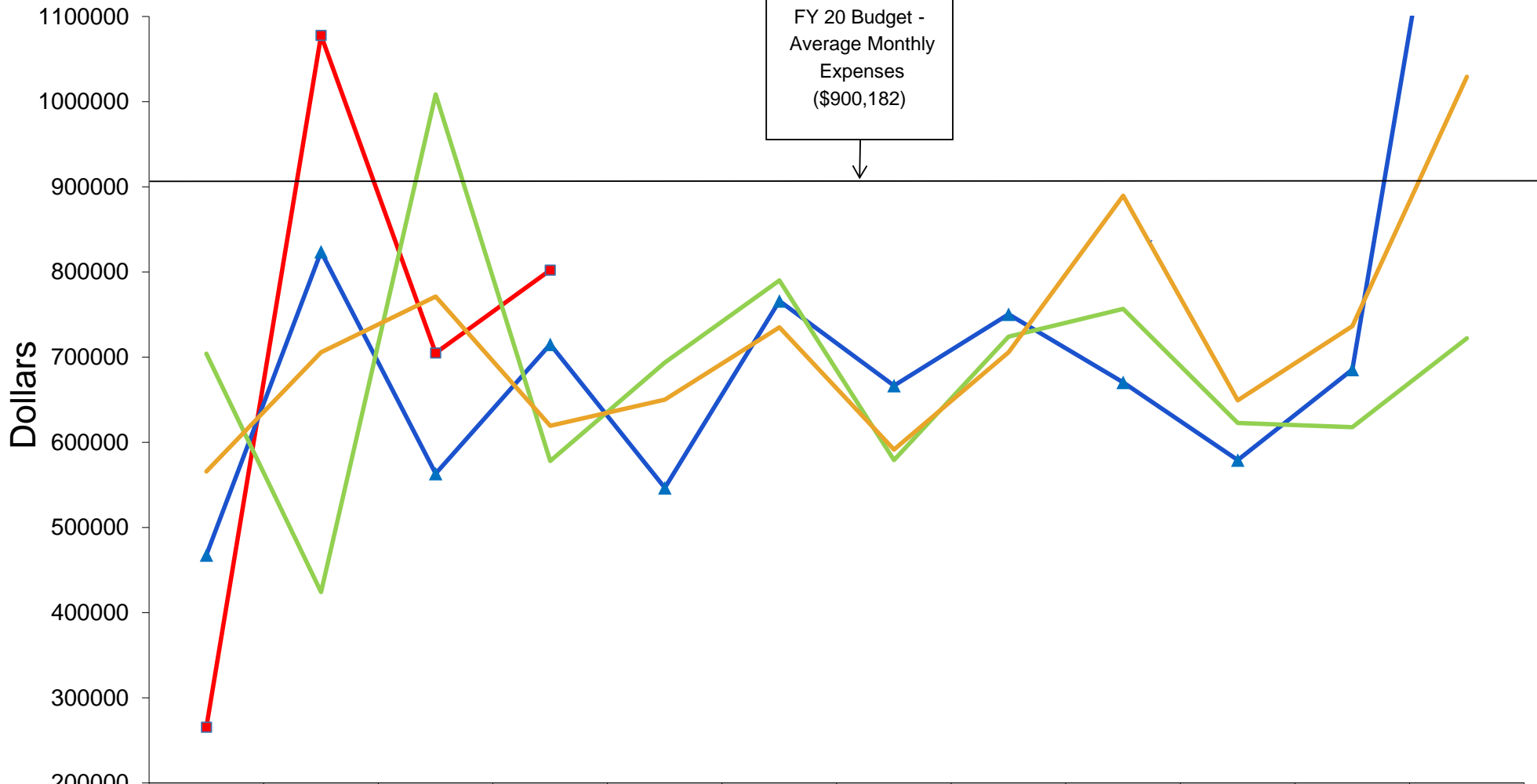
Classification	MTD Actual Amount	YTD Actual Amount	YTD Budget Amount	YTD Variance	Annual Budget Amount	Annual Budget Less YTD Actual
Professional services	53,108.87	112,841.64	128,316.67	(15,475.03)	421,250.00	308,408.36
Other contractual services	74,350.58	231,512.33	583,053.33	(351,541.00)	1,749,160.00	1,517,647.67
Travel and training	13,148.42	35,304.48	86,950.00	(51,645.52)	260,850.00	225,545.52
Communications	4,882.67	18,071.84	21,863.33	(3,791.49)	65,590.00	47,518.16
Utility services	31,827.90	118,755.24	179,955.67	(61,200.43)	539,867.00	421,111.76
Rentals and leases	1,615.81	4,830.65	4,700.00	130.65	14,100.00	9,269.35
Insurance	2,333.00	287,057.09	290,600.00	(3,542.91)	290,600.00	3,542.91
Advertising, printing and binding	1,935.40	2,783.80	6,400.00	(3,616.20)	19,200.00	16,416.20
Promotional activities	6,906.98	33,853.41	101,266.67	(67,413.26)	303,800.00	269,946.59
Other current charges and obligations	4,099.83	18,875.41	28,366.67	(9,491.26)	85,100.00	66,224.59
Operating supplies	37,080.62	100,078.00	154,870.00	(54,792.00)	464,610.00	364,532.00
Publications, subscriptions, memberships, etc.	47,020.60	50,443.83	20,633.33	29,810.50	61,900.00	11,456.17
Repairs and maintenance	21,811.41	52,132.30	58,233.33	(6,101.03)	174,700.00	122,567.70
Small equipment	9,193.03	29,404.92	26,833.33	2,571.59	80,500.00	51,095.08
Contingency	.00	.00	33,333.33	(33,333.33)	63,700.00	63,700.00
Emergency repairs	48,743.83	48,743.83	16,666.67	32,077.16	50,000.00	1,256.17
Business development	.00	.00	100,000.00	(100,000.00)	300,000.00	300,000.00
<i>Operating expenses Totals</i>	\$802,144.33	\$2,849,772.11	\$3,990,590.33	(\$1,140,818.22)	\$11,390,571.00	\$8,540,798.89
<i>Depreciation</i>						
Depreciation	438,813.58	1,755,254.32	.00	1,755,254.32	.00	(1,755,254.32)
<i>Depreciation Totals</i>	\$438,813.58	\$1,755,254.32	\$0.00	\$1,755,254.32	\$0.00	(\$1,755,254.32)
REVENUE TOTALS	4,104,801.30	11,532,452.72	5,611,579.67	5,920,873.05	16,834,739.00	5,302,286.28
EXPENSE TOTALS	1,240,957.91	4,605,026.43	3,990,590.33	614,436.10	11,390,571.00	6,785,544.57
	\$2,863,843.39	\$6,927,426.29	\$1,620,989.34	\$5,306,436.95	\$5,444,168.00	\$1,483,258.29

ASHEVILLE REGIONAL AIRPORT Annual Operating Revenue by Month October 2019



	1	2	3	4	5	6	7	8	9	10	11	12
2020	1693639	1465826	1482983	1688471								
2019	1157880	1319448	997702	1193707	1171956	1114742	1144401	1081933	1352795	1348310	1369108	1388974
2018	984749	1011431	1052878	1062064	984291	914297	909078	969671	1103476	1089449	1155693	1176670
2017	958743	957359	909258	977579	996133	457472	805436	786217	876033	852930	950921	1078756

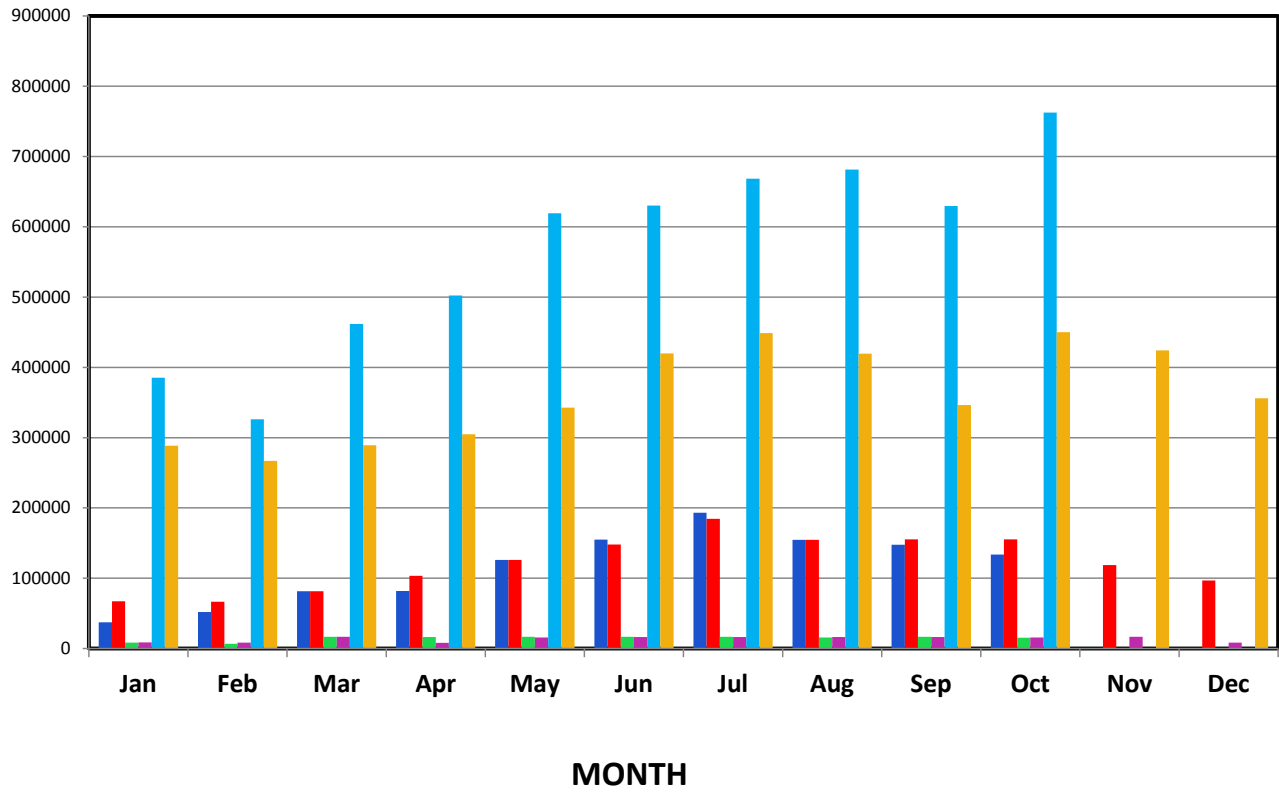
ASHEVILLE REGIONAL AIRPORT Annual Operating Expenses by Month October 2019



	1	2	3	4	5	6	7	8	9	10	11	12
2020	265483	1077831	704819	802144								
2019	467701	823824	563350	714938	546502	766012	666544	750376	670406	579071	685414	1480804
2018	704085	424161	1008520	578153	693612	790093	579052	724027	756743	622562	617623	722128
2017	565737	705715	771249	619423	649959	734910	591499	705568	889485	649186	736270	1029219

**ASHEVILLE REGIONAL AIRPORT
FUEL SALES - GALLONS
October 2019**

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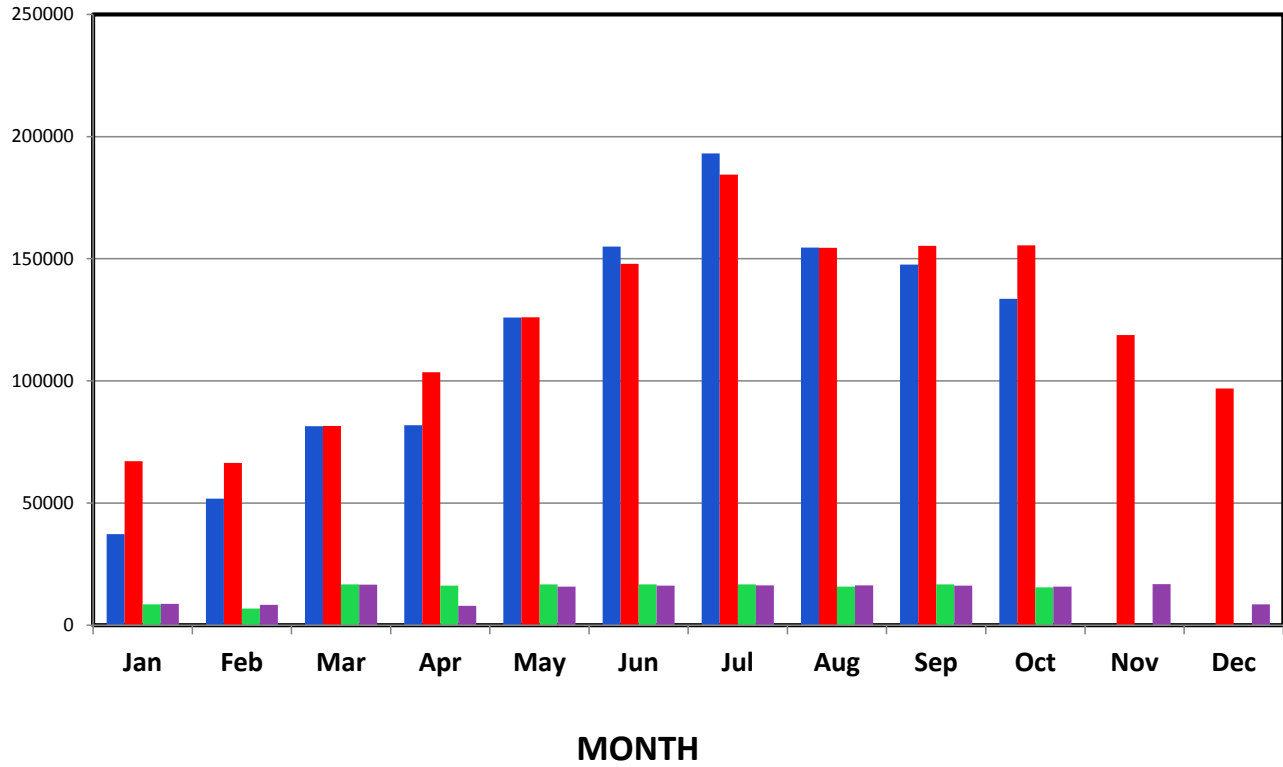


- Jet A 2019
- Jet A - 2018
- 100LL - 2019
- 100LL - 2018
- Airline 2019
- Airline - 2018

Jet A -133,625 Gallons
100LL -15,456 Gallons
Airline -762,627 Gallons

**ASHEVILLE REGIONAL AIRPORT
GENERAL AVIATION FUEL SALES - GALLONS
October 2019**

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■ Jet A - 2019
■ Jet A - 2018
■ 100LL - 2019
■ 100LL - 2018

 Jet A - 133,625 Gallons
 100LL - 15,456 Gallons

Design Phase														
Project Number	Project Name	Project Description	Professional Services Consultant	Professional Services Contract	General Contractor	Original Construction Contract	Change Orders (thru 12/01/2019)	Percent of Original Contract	Board Approved Project Cost	Percent Complete	Expensed to Date (thru 12/01/2019)	Start Date	End Date	Current Project Status (as of 12/01/2019)
1	Airfield Re-Development Project	Budget for the complete project				\$64,100,000.00	\$50,900,000.00		\$115,000,000.00	61%	\$70,187,966			All Engineer contracts, completed construction contracts and expenses will be inclusive of budget.
1A	Airfield Re-Development Project	Phase I - Design Services <i>This portion of project is completed.</i>	RS&H											COMPLETED.
1B	Airfield Re-Development Project	Phase II - Design Services and Project Management.	RS&H	\$1,842,318.00	N/A	N/A	\$0.00	0.00%	<i>(Overall total included in above number)</i>	95%	\$1,748,887	Jun-13	Dec-16	Project Management work continues, pending Contractor resolution.
1C	Airfield Re-Development Project	Phase III and IV - Design Services and Project Management.	RS&H	\$2,399,826.00	N/A	N/A	\$4,417,146.00	65.90%	<i>(Overall total included in above number)</i>	34%	\$2,311,996	Dec-14	Dec-19	Phase IV Project Management continues.
1D	Airfield Re-Development Project	Phase III and IV - Design Services and Project Management. Vol 2	RS&H	\$1,460,329.00	N/A	N/A	\$0.00	0.00%	<i>(Overall total included in above number)</i>	42.8%	\$625,949	Aug-19	Dec-20	Phase IV Project Management continues.
1E	Airfield Re-Development Project	Phase III and IV - Design Services and Project Management. Vol 3	RS&H	\$1,487,205.00	N/A	N/A	\$0.00	0.00%	<i>(Overall total included in above number)</i>	0%	\$0	Aug-19	Dec-20	Phase IV Project Management continues.
1F	Airfield Re-Development Project	New Runway Design Vol2	AVCON	\$1,967,476.00	N/A	N/A	\$185,924.00	4.40%	<i>(Overall total included in above number)</i>	89.7%	\$1,932,146	Mar-13	Dec-19	Phase IV Project Management continues.
1G	Airfield Re-Development Project	New Runway Design Vol3	AVCON	\$99,271.00	N/A	N/A	\$0.00	0.00%	<i>(Overall total included in above number)</i>	5.50%	\$5,460	Aug-19	Dec-20	Phase IV Project Management continues.
1H	Airfield Re-Development Project	Miscellaneous and Administrative Expenses			N/A	N/A	\$0.00	0.0%	<i>(Overall total included in above number)</i>	0.0%	\$4,042,174	Jan-13	Dec-19	Miscellaneous Administrative Expenses, Reimbursable Agreement and Land Acquisition
2	Airport Security and Identity Management	Security system, ID badging and CCTV camera equipment	Faith Group LLC	\$327,486.27	N/A	N/A	\$0.00	0.0%	\$327,486.27	59.6%	\$195,394.00	Aug-18	Jan-20	Project Management continues.
3	Apron Expansion South	Terminal apron to be expanded and added for aircraft use.	Parrish and Partners	\$821,196.00	N/A	N/A	\$158,253.00	0.0%	\$0.00	44.1%	\$432,888.00	Nov-18	Nov-19	Project Management in process.
4	Terminal Building Renovations	Phase 1 - Utility Modernization of Water and Sewer	Gresham Smith	\$168,820.00	N/A	N/A	\$0.00	0.0%	\$168,820.00	54.4%	\$91,918.00	Jan-19	Oct-19	Contract in process for Prime Contractor.
5	Pipe Repairs	60" Stormwater Pipe repairs in North area of property	Kimley-Horn	\$152,700.40	N/A	N/A	\$0.00	0.0%	\$170,840.40	64.0%	\$97,745.00	Apr-19	Aug-19	Soil depth tests performed, grading to begin early December.
6	Parking Lots	Design of additional parking areas across Highway 280	AVCON	\$189,962.00	N/A	N/A	\$103,796.00	0.0%	\$189,962.00	54.6%	\$160,594.00	May-19	May-20	Contract in process for Prime Contractor.
Construction Phase														
Project Number	Project Name	Project Description	Professional Services Consultant	Professional Services Contract	General Contractor	Original Construction Contract	Change Orders (thru 12/01/2019)	Percent of Original Contract	Board Approved Project Cost	Percent Complete	Expensed to Date (thru 12/01/2019)	Start Date	End Date	Current Project Status (as of 12/01/2019)
1	Permanent Runway 17-35 Construction, NAVAIDS and Taxiway Conversion	Construct new runway and convert temporary runway to a taxiway	RS&H and AVCON Inc.	Amount Included in Phase 3 Design Fees	Travelers	\$42,171,424.11	\$0.00	0.0%	\$42,171,424.11	32.5%	\$13,727,064.00	Mar-17	Dec-20	Electrical work, sign pad placement, runway lighting cans and other work continue.
2	Airport Security & Identity Management System	Replace, Upgrade and Install new Security System	Faith Group	Amount in Design Fees	Johnson Control, Inc.	\$2,197,707.00	\$0.00	0.0%	\$2,605,672.28	0%	\$0.00	May-19	Feb-20	Cable work continues throughout Facilities, equipment on order.
3	Apron Expansion South	Terminal apron to be expanded and added for aircraft use.	Parrish and Partners	Amount in Design Fees	Zachary Construction	\$9,087,857.00	\$0.00	0.0%	\$9,542,250.00	0.0%	\$0.00	Sep-19	Oct-20	Project Site is established and stream mitigation is in process.
4	60" Pipe Rehabilitation	Repairs to stormwater pipe on North GA area.	Kimley-Horn	Amount in Design Fees	Applied Polymerics	\$155,949.75	\$0.00	0.0%	\$171,544.73	0.0%	\$0.00	Oct-19	Feb-20	Contractor has mobilized and taken depth samples. Grading to begin in early Dec.
5	Parking Lots	Additional parking lots to be constructed and paved for public use.	AVCON Inc	Amount in Design Fees	Chatham Civil Contracting	\$1,905,330.90	\$0.00	0.0%	\$2,095,863.90	0.0%	\$0.00	Nov-19	Aug-20	Contract is in process.
6	Terminal Building Phase 1 - Utility Modernization	Update current utilities in front of the terminal.	Gresham Smith	Amount in Design Fees	Patton Construction Group	\$1,868,160.00	\$0.00	0.0%	\$2,054,976.00	0.0%	\$0.00	Nov-19	May-20	Contract is in process.

Key strategic priorities

Governance vs. Management : Focus on setting governing direction (“guard rails”) for the organizational and holding management accountable for the execution of operational tactics. Pursue continuous educational opportunities for Authority Member development.

1. **Organizational Relevance**: Remaining relevant in an era of airport consolidation
2. **Financial Stewardship**: Sustainability/Operating Performance/Audit & Compliance
3. **Municipal Relations**: Positive relationships with all municipalities surrounding the airport
4. **Stakeholder Relations**: Positive relationships with neighbors and other community organizations
5. **Community Image**: Public Perception/Public Relations/Customer Service/Legal Entity
6. **Facilities Stewardship**: Future Master Facilities Plan
7. **Environmental Stewardship**: Accountability/Awareness of Environmental Issues
8. **Economic Development**: Engage Community Partners/Airline Service Development
9. **Vendor-Partner Relations**: General Aviation/Rental Car Agencies/Vendors
10. **Public Safety**: Airport Emergency Safety/TSA Relations/Municipal Partners
11. **Organizational Accountability**: Executive Director Supervision