

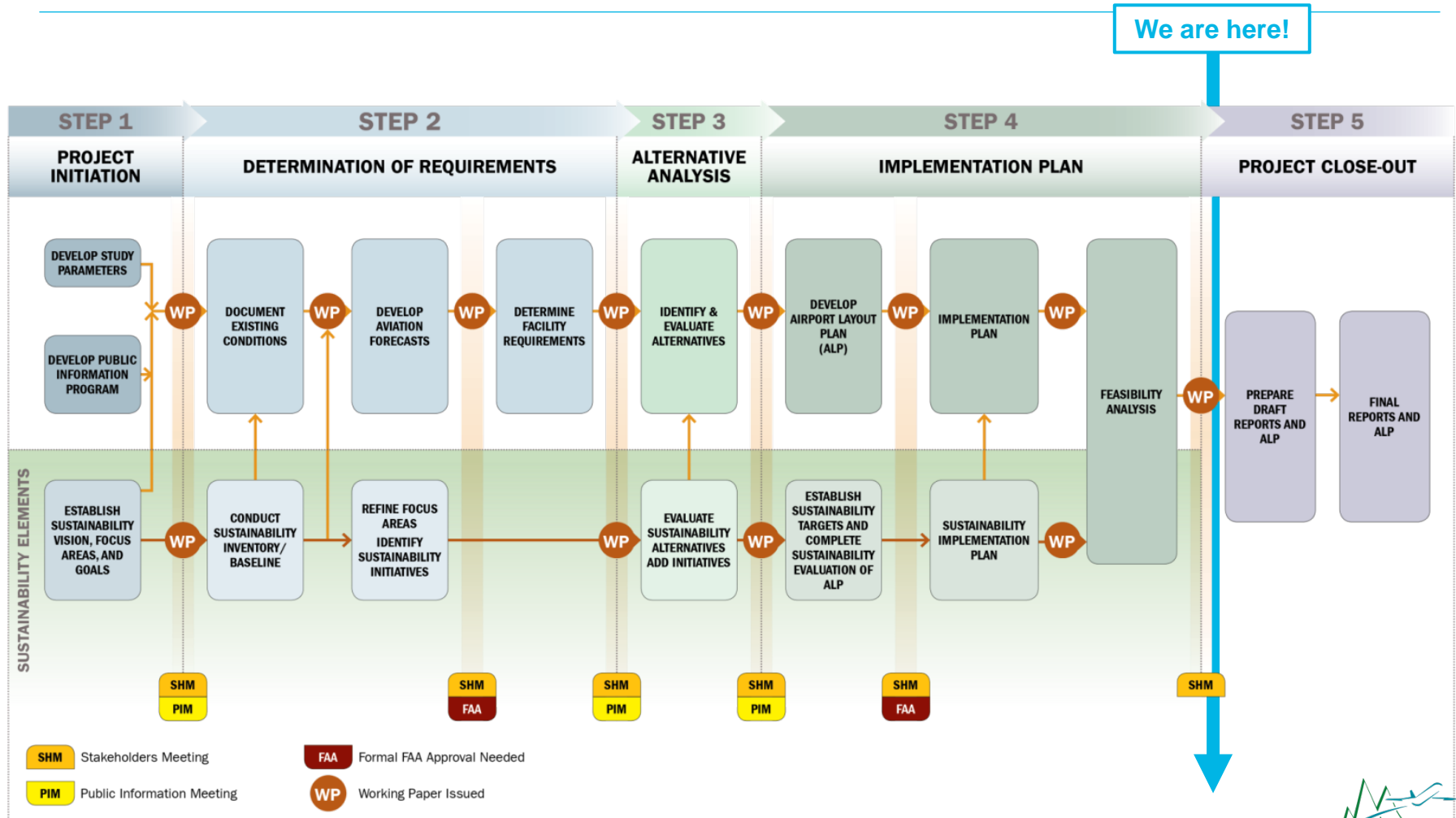


# Juneau International Airport

## Sustainability Master Plan

March 2018

# The SMP Process



# Coordination To Date

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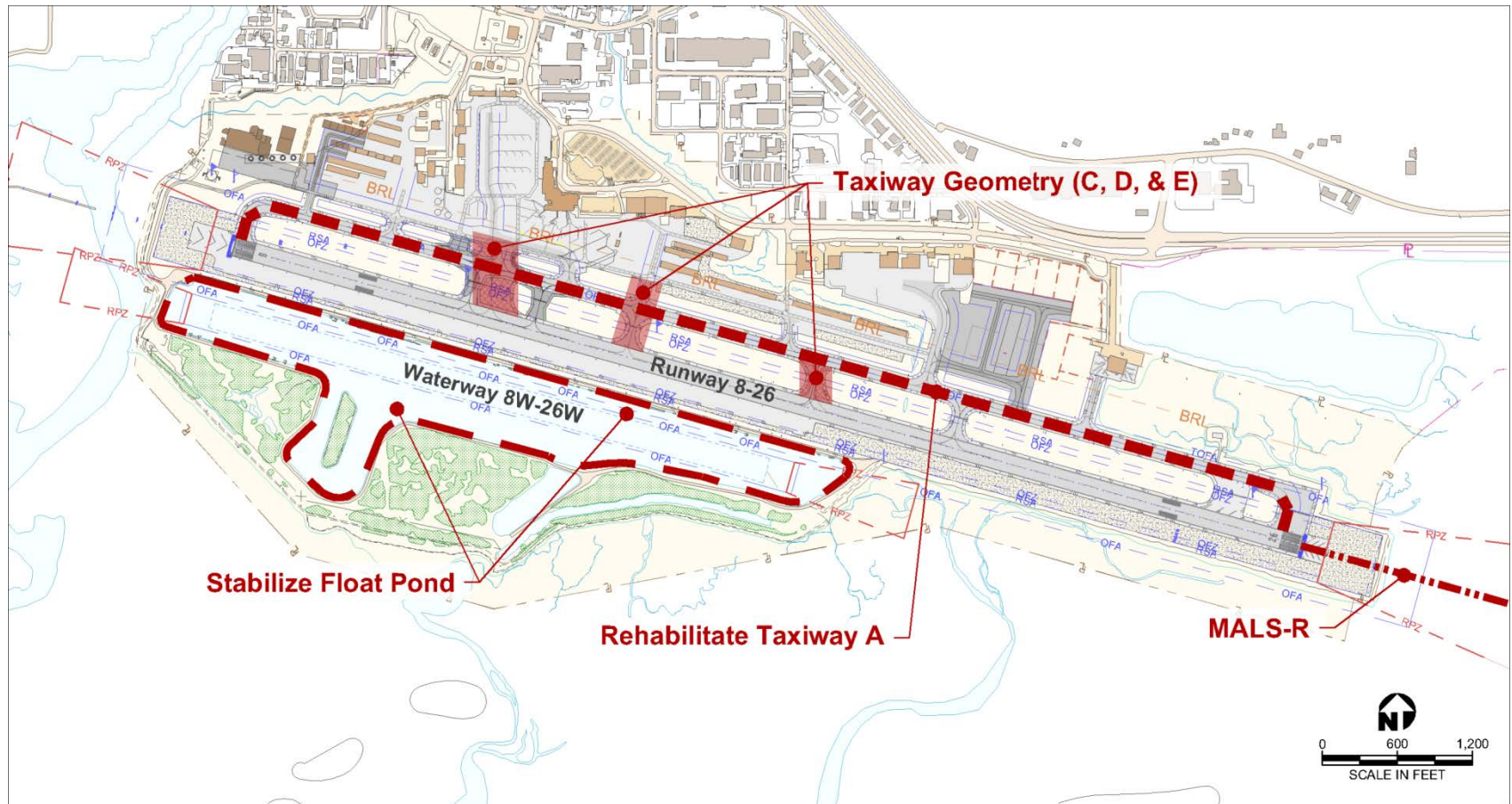
- Four Open Public Meetings
- Five Technical Advisory Committee (TAC) Meetings
- Seven Stakeholder Coordination Meetings
- Seven Airport Board Presentations
- Five Committee of the Whole (COW) Presentations

# Agenda

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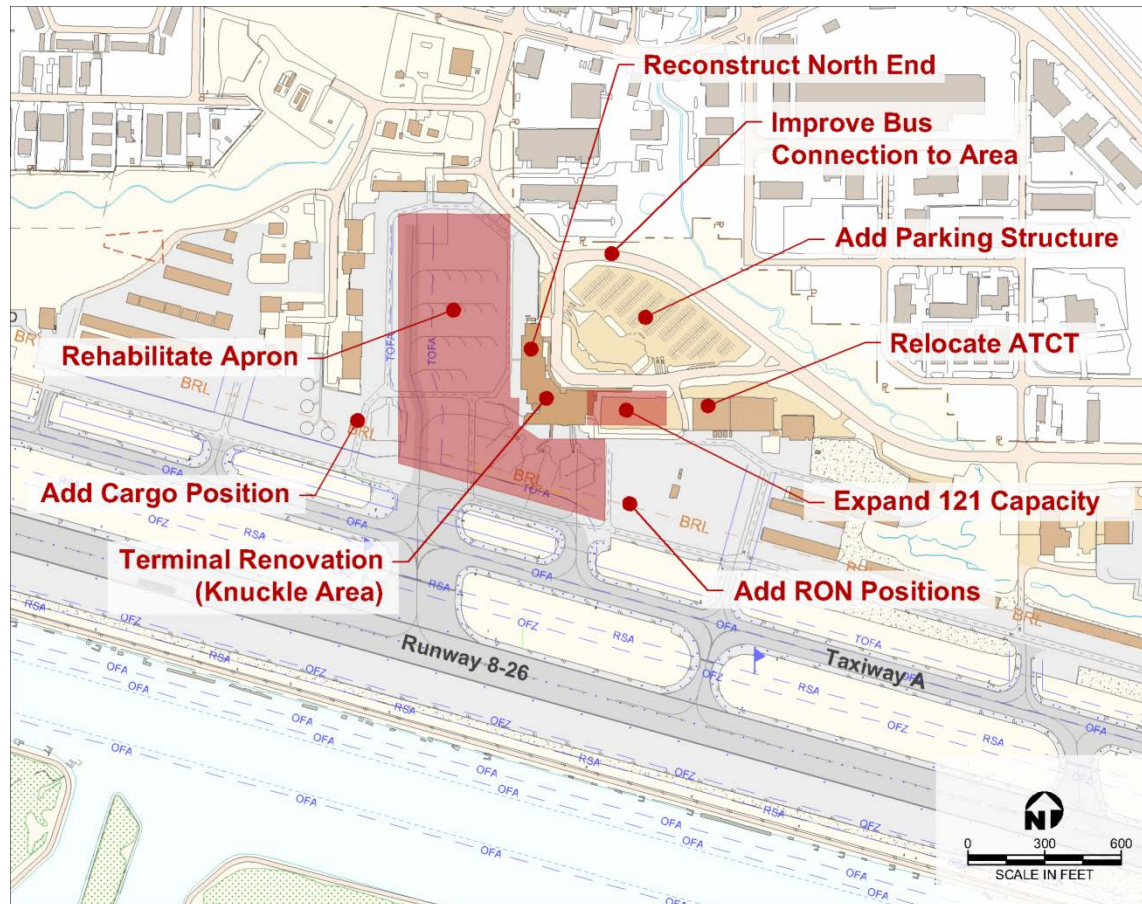
- Master Plan Recommendations
- Financial Implementation Analysis
- Economic Impact Study

# Airfield Recommendations

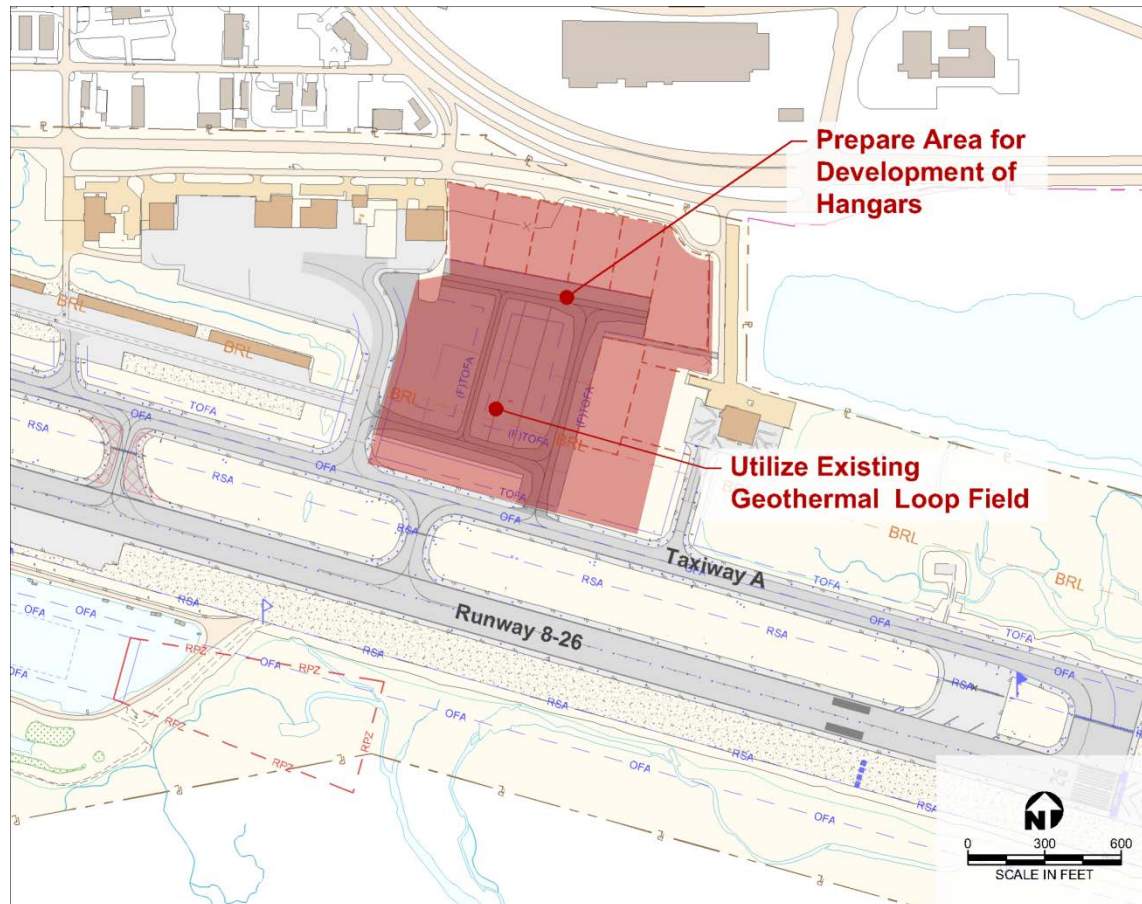




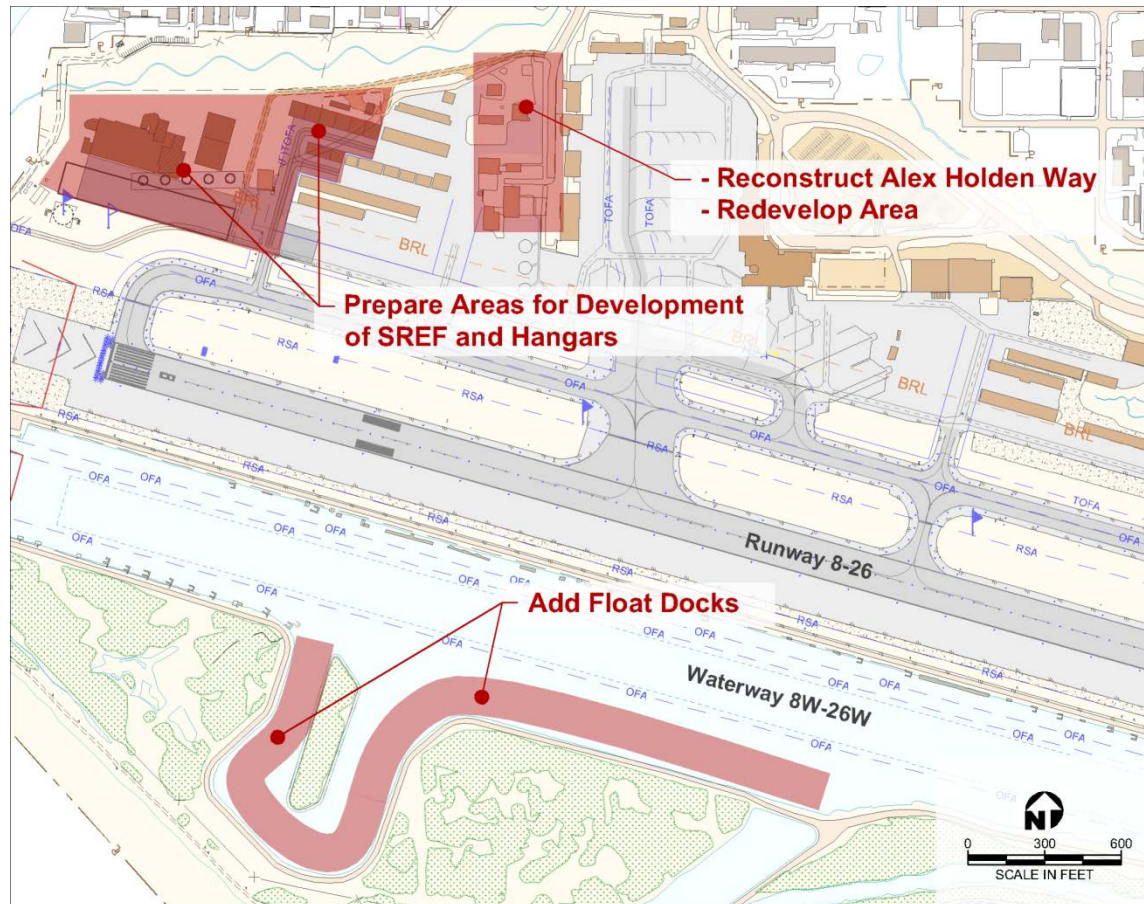
# Terminal Area Recommendations



# East GA Area



# West GA Area





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# Financial Implementation Analysis Approach

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- Review Airport documents related to historical financial operating results, capital improvement plans and Airport policies
- Interview Airport management personnel
- Review aviation demand forecasts
- Review cost estimates and CIP development schedule
- Determine sources and timing of available capital funds

# Financial Implementation Analysis Approach

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- Analyze historical operating expenses and develop 20-year projections
- Analyze historic operating revenues and develop 20-year projections
- Prepare detailed financial projections for the planning period
- Develop a Financial Plan Summary

# Summary of Sources and Uses of Capital Funding

	Phase I	Phase II	Phase III	Totals
<b>Sources of Capital Funding</b>				
AIP Entitlement Grants	\$ 17,345,632	\$ 14,940,902	\$ -	\$ 32,286,534
AIP Discretionary Grants	52,155,598	22,318,763	-	74,474,361
ADOT & PF Funding	-	-	-	-
Other Federal Funding	4,029,000	58,005,783	-	62,034,783
Passenger Facility Charges (PFCs)	6,543,613	2,095,178	-	8,638,791
CBJ Capital/Debt	13,457,798	25,970,126	-	39,427,924
Ballot Measure Sales Tax	3,197,204	25,796	-	3,223,000
Other Unidentified Funding	4,688,179	44,628,199	-	49,316,378
Cash Reserves/Net Ops Cash Flow	106,121	-	-	106,121
<b>Total Sources of Capital Funding</b>	<b>\$ 101,523,145</b>	<b>\$ 167,984,747</b>	<b>\$ -</b>	<b>\$ 269,507,892</b>
<b>Uses of Capital Funding</b>				
Runway/Taxiway Improvements	\$ 27,560,000	\$ 9,860,983	\$ -	\$ 37,420,983
Aircraft Apron Improvements	21,544,768	6,380,636	-	27,925,404
Terminal & Landside Improvements	22,915,362	69,142,894	-	92,058,256
GA Facility Improvements	110,408	12,181,214	-	12,291,622
SRE Facilities & Equipment	28,193,022	6,148,613	-	34,341,635
ARFF Facilities & Equipment	-	2,320,231	-	2,320,231
Other Improvements	1,199,585	61,950,176	-	63,149,761
<b>Total Uses of Capital Funding</b>	<b>\$ 101,523,145</b>	<b>\$ 167,984,747</b>	<b>\$ -</b>	<b>\$ 269,507,892</b>



# Summary Application of Funding By Source to CIP Projects

Project Groups	AIP Grants		Other Federal Funding	PFCs	CBJ Capital/Debt	Ballot Measure Sales Tax	Other Unidentified Funding	Cash Reserves/ Net Revenues	Total Cost/Funding
	Ent	Disc							
Runway/Taxiway Improvements	\$ 11,562,487	\$ 19,933,747	\$ 3,825,000	\$ 650,250	\$ -	\$ 833,188	\$ 616,311	\$ -	\$ 37,420,983
Aircraft Apron Improvements	5,547,939	20,632,127	-	327,774	-	1,018,774	398,790	-	27,925,404
Terminal & Landside Improvements	8,537,100	-	204,000	6,858,970	30,792,821	483,546	45,181,819	-	92,058,256
GA Facility Improvements	3,450,325	7,969,563	-	-	-	-	871,734	-	12,291,622
SRE Facilities & Equipment	3,188,683	22,987,400	-	520,920	6,072,445	861,616	710,571	-	34,341,635
ARFF Facilities & Equipment	-	2,175,217	-	-	-	-	145,014	-	2,320,231
Other Improvements	-	776,307	58,005,783	280,877	2,562,658	25,876	1,392,139	106,121	63,149,761
<b>Total</b>	<b>\$ 32,286,534</b>	<b>\$ 74,474,361</b>	<b>\$ 62,034,783</b>	<b>\$ 8,638,791</b>	<b>\$ 39,427,924</b>	<b>\$ 3,223,000</b>	<b>\$ 49,316,378</b>	<b>\$ 106,121</b>	<b>\$ 269,507,892</b>

# Statistical Results for Projected Financial Operations

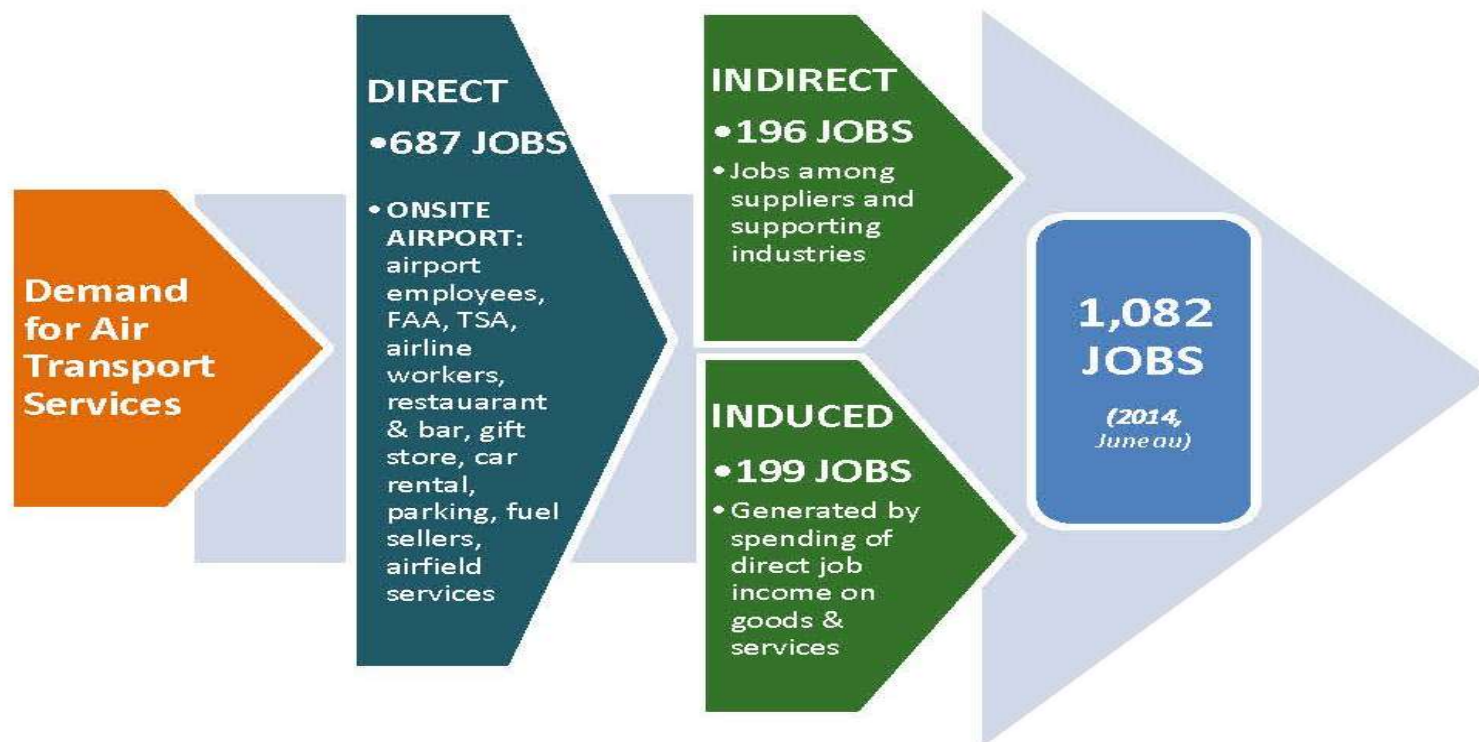
	JNU Average	Small Hub Average
<b>Operating Cost Per Enplaned Passenger</b>		
2017 - 2022	\$17.36	\$21.31
2023 - 2027	\$18.21	\$25.06
2028 - 2037	\$19.62	\$31.36
<b>Operating Revenues Per Enplaned Passenger</b>		
2017 - 2022	\$16.82	\$30.97
2023 - 2027	\$17.79	\$36.42
2028 - 2037	\$19.17	\$45.59
<b>Airline Cost Per Enplaned Passenger</b>		
2017 - 2022	\$8.97	\$9.13
2023 - 2027	\$9.47	\$10.73
2028 - 2037	\$10.20	\$13.44

# 2017 Economic Impact Study

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- The combined payroll, capital, and operations and maintenance spending at the airport created 1,082 jobs in Juneau.
- Total labor income for airport workers (private, CBJ, federal) was \$63.6 million.
- The operational and maintenance spending and purchases by the airport and airport related businesses totaled \$51.7 million. Capital spending that year was \$17.5 million.
- Demand for air transportation services and goods at JNU generated \$174 million in income and spending.

# JNU Job Creation





# JNU Economic Contribution



# Next Steps

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- Present Final Draft to Board – March 13.
- Final Draft of Master Plan out for Public Review – March 23
- Submit for final FAA review and approval – March 23
- Airport Board Approval – June 2018
- Final Assembly Approval – July 2018 (est.)



# Questions/Discussion