

Tri-County Airport Master Plan Update

Capital Improvement Plan Meeting



February 4, 2020

Agenda

- Review of Study Elements & Status
- Project Identification and Cost Estimates
- Proposed Project Phasing
- Next Steps
- Questions and Answers

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Study Elements



- Master Plan Update
 - Technical Report
 - Airport Layout Plan Drawing Set
- Airport Recycling, Reuse, & Waste Reduction Plan
- Aeronautical Survey and Mapping
- Exhibit "A" Property Map

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Status of Master Plan Elements



- Inventory of Existing Conditions - **Completed**
- Forecasts – **Completed & Approved by FAA**
- Facility Requirements - **Completed**
- Environmental Overview - **Completed**
- Alternatives Analysis - **Completed**
- Airport Layout Plan - **Completed**
- Facilities Implementation Plan - Ongoing
- Financial Feasibility – Future

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Status of Other Study Items



- Airport Recycling, Reuse & Waste Reduction Plan – **Completed**
- Aeronautical Survey – **Completed & Approved by FAA**
- Exhibit "A" Property Map – **Completed & Submitted to FAA in August 2019**

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Project Identification & Cost Estimates

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Airfield Project Cost Estimates



ID	Project	Cost
A1	Construct RSA, ROFA and OFZ Improvements	\$ 366,000
A2	Rehabilitate Runway 1-19 and Construct Blast Pads	\$ 3,299,000
A3	Remark Existing Helipad & Lower Wind Cone	\$ 68,000
A4	Rehabilitate Taxiway A and Connectors	\$ 1,353,000
A5	Construct Stormwater Improvements	\$ 1,500,000
A6	Construct Airfield Perimeter Fencing (South End)	\$ 454,000
A7	Conduct Obstruction Removal and Obstacle Review	\$ 117,000
A8	Replace Runway Lighting	\$ 513,000
A9	Replace Taxiway Lighting	\$ 657,000
A10	Replace Airfield Guidance Signs	\$ 215,000
A11	Replace Runway 1-19 PAPI Systems	\$ 183,000
A12	Rehabilitate Terminal Area Taxiways/Taxilanes	\$ 390,000
Subtotal		\$ 9,115,000

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Landside Project Cost Estimates



ID	Project	Cost
L1	Install New Airport Signage	\$ 65,000
L2	Construct New Terminal Entrance & Parking & Relocate Fencing	\$ 753,000
L3	Construct Terminal Expansion	\$ 510,000
L4	Rehabilitate & Remark GA Apron	\$ 721,000
L5	Expand GA Apron	\$ 279,000
L6	Rehabilitate Hangar Taxilanes	\$ 177,000
L7	Construct New Dual-Bay Hangar in Terminal Area	\$ 1,918,000
L8	Pave Tri-County Airport Road (Third Party Funded)	\$ 1,339,000
L9	Construct Roadway Access to Southwest Area	\$ 896,000
L10	Construct Taxilane Access to Southwest Area	\$ 491,000
L11	Construct Rectangular Hangars (5 Units)	\$ 1,458,000
L12	Construct Rectangular Hangars (5 Units)	\$ 1,377,000
L13	Construct Rectangular Hangars (5 Units)	\$ 1,377,000
L14	Construct Rectangular Hangars (5 Units)	\$ 1,377,000

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Support Facility Cost Estimates



ID	Project	Cost
S1	Convert Portion of Shade Hangars to MES Facility	\$ 280,000
S2	Construct Fire Equipment Parking Area and Water Tank	\$ 1,276,000
S3	Update Airport Master Plan	\$ 420,000
S4	Acquire Property to Southwest	\$ 255,000
S5	Implement Height Zoning Ordinances	\$ 95,000
S6	Install New Rotating Beacon	\$ 84,000
S7	Construct New Vault Building	\$ 673,000
S8	Install New Generator	\$ 352,000
Subtotal		\$ 3,435,000

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Proposed Project Phasing

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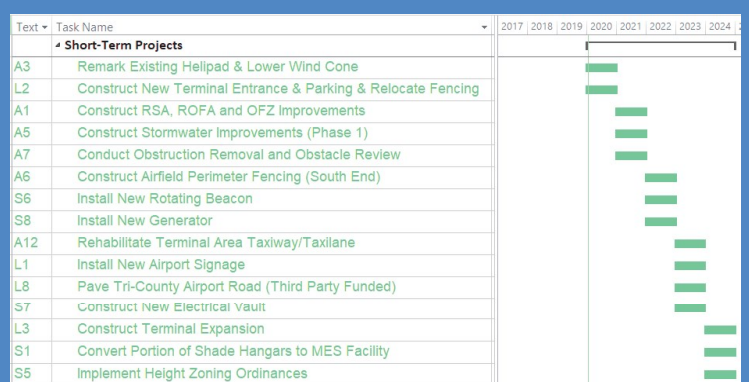
Proposed Short-Term Projects



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Proposed Short-Term Phasing



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Proposed Intermediate-Term Projects



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Proposed Intermediate-Term Phasing

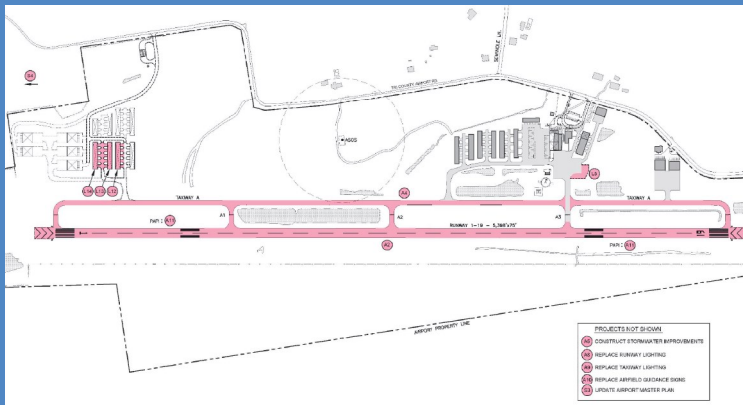


Text	Task Name	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	Intermediate-Term Projects													
L7	Construct New Dual-Bay Hangar in Terminal Area													
L4	Rehabilitate & Remark GA Apron													
L9	Construct Roadway Access to Southwest Area													
L10	Construct Taxiway Access to Southwest Area													
L11	Construct Rectangular Hangars (5 Units)													
L6	Rehabilitate Hangar Taxilanes													
S2	Construct Fire Equipment Parking Area and Water Tank													

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Proposed Long-Term Projects



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Proposed Long-Term Phasing



Text	Task Name	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
	Long-Term Projects													
A4	Rehabilitate Taxiway A and Connectors													
A9	Replace Taxiway Lighting													
A10	Replace Airfield Guidance Signs													
A11	Replace Runway 1-19 PAPI Systems													
A2	Rehabilitate Runway 1-19 and Construct Blast Pads													
A8	Replace Runway Lighting													
L12	Construct Rectangular Hangars (5 Units)													
L5	Expand GA Apron													
S3	Update Airport Master Plan													
L13	Construct Rectangular Hangars (5 Units)													
S4	Acquire Property to Southwest													
A5	Construct Stormwater Improvements													
L14	Construct Rectangular Hangars (5 Units)													

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Project Costs By Year



- See Handout – sample below.

		Tri County Airport																			
		Draft Capital Improvement Program																			
		Cost Distribution by Year (in \$)																			
		Total		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Category	Project Name	Estimate	Cost	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Aircraft	A1 Construct New Dual-Bay Hangar in Terminal Area	\$14,100	\$14,100																		
	A2 Rehabilitate & Remark GA Apron	\$1,200	\$1,200																		
	A3 Construct Roadway Access to Southwest Area	\$1,200	\$1,200																		
	A4 Construct Taxiway Access to Southwest Area	\$1,200	\$1,200																		
	A5 Construct Rectangular Hangars (5 Units)	\$1,200	\$1,200																		
	A6 Rehabilitate Hangar Taxilanes	\$1,200	\$1,200																		
	A7 Construct Fire Equipment Parking Area and Water Tank	\$1,200	\$1,200																		
	A8 Update Airport Master Plan	\$1,200	\$1,200																		
	A9 Construct Stormwater Improvements	\$1,200	\$1,200																		
	A10 Construct Rectangular Hangars (5 Units)	\$1,200	\$1,200																		
Land	L1 Construct New Dual-Bay Hangar in Terminal Area	\$14,100	\$14,100																		
	L2 Rehabilitate & Remark GA Apron	\$1,200	\$1,200																		
	L3 Construct Roadway Access to Southwest Area	\$1,200	\$1,200																		
	L4 Construct Taxiway Access to Southwest Area	\$1,200	\$1,200																		
	L5 Construct Rectangular Hangars (5 Units)	\$1,200	\$1,200																		
	L6 Rehabilitate Hangar Taxilanes	\$1,200	\$1,200																		
	L7 Construct Fire Equipment Parking Area and Water Tank	\$1,200	\$1,200																		
	L8 Update Airport Master Plan	\$1,200	\$1,200																		
	L9 Construct Stormwater Improvements	\$1,200	\$1,200																		
	L10 Construct Rectangular Hangars (5 Units)	\$1,200	\$1,200																		
Other	O1 Construct New Dual-Bay Hangar in Terminal Area	\$14,100	\$14,100																		
	O2 Rehabilitate & Remark GA Apron	\$1,200	\$1,200																		
	O3 Construct Roadway Access to Southwest Area	\$1,200	\$1,200																		
	O4 Construct Taxiway Access to Southwest Area	\$1,200	\$1,200																		
	O5 Construct Rectangular Hangars (5 Units)	\$1,200	\$1,200																		
	O6 Rehabilitate Hangar Taxilanes	\$1,200	\$1,200																		
Grand Total		\$14,100	\$14,100																		
		Deferred to Year																			
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Updated Airport Sketch

