# CAPITAL IMPROVEMENT PROGRAM

FY 2023 - 2028

### St. Tammany Regional Airport



**Prepared By:** 





#### 6 Year Capital Improvement Plan (CIP)

#### St. Tammany Regional Airport (L31) Abita Springs, LA

2020 Entitlement Balance (Expires FY23)

2021 Entitlement Balance (Expires FY24)

2022 Entitlement Balance (Expires FY25)

\$150,000 2023 Entitlement (for planning purposes through 2028)

### CIP START YEAR:

2023

Show all planned projects (not just AIP funded projects)

For AIP-MY, show est. cost in initial year & list project in following year(s) w/ \$0

Instructions

Submit CIP to the ADO as a PDF file dated with signature.

Fed	Entitlement	Funding	ODO Project Component/Phase	Estimated		F	unding Plan			
FY	Available	Source	ODO Floject Component/Fliase	Cost	Entitlement	Additonal AIP	AIG Funds	State	Sponsor	Capital Outlay
		AIP	Rehabilitate Runway and Reconstruct Partial Taxiway (Reimbursement)	\$82,169	\$73,952			\$8,217		
2023	\$150,000	State	Airport Access Road Relocation (Obstrution)(Phase I - Design)	\$122,000				\$122,000		
2023	\$150,000	State	Land Acquisition for the Removal of Trees - Phase II Northwest (Obstruction)	\$377,500				\$377,500		
		Other	Airport Master Plan	\$255,309			\$220,000	\$24,444	\$10,865	
	\$76,048	Remaining Funds	2023 Annual Subtotals:	\$836,978	\$73,952		\$220,000	\$532,161	\$10,865	
		State	Airport Access Road Relocation (Obstruction)(Phase IIA - Construction)	\$610,000				\$610,000		
2024	\$226.048	State	Removal of Trees (East Side)	\$104,500				\$104,500		
2024	\$220,040	State	Removal of Northwest Trees (Obstruction)	\$185,000				\$185,000		
		State	Land Acquisition for the Removal of Trees - Phase III Southwest (Obstruction)	\$377,500				\$377,500		
	\$226,048	Remaining Funds	2024 Annual Subtotals:	\$1,277,000				\$1,277,000		
		AIP	PAPI Construction	\$147,420	\$132,678			\$14,742		
2025	\$376,048	State	Airport Access Road Relocation (Obstruction)(Phase IIB - Construction)	\$872,650				\$872,650		
2025	\$376,046		Removal of Southwest Trees (Obstruction)	\$185,000				\$185,000		
		AIP	Runway 18/36 Extension Phase I - Environmental	\$200,000	\$70,000		\$110,000	\$20,000		
	\$173,370	Remaining Funds	2025 Annual Subtotals:	\$1,405,070	\$202,678		\$110,000	\$1,092,392		
			Runway 18/36 Extension Phase II - Design and Mitigation	\$755,000	\$323,370	\$244,630	\$110,000	\$77,000		
2026	\$323,370	Other	Box Hangar	\$1,120,500						\$1,120,500
	(\$0)	Remaining Funds	2026 Annual Subtotals:	\$1,875,500	\$323,370	\$244,630	\$110,000	\$77,000		\$1,120,500
2027	\$150.000	AIP	Runway 18/36 Extension Phase III- Construction	\$4,546,257	\$150,000	\$3,835,627	\$110,000	\$450,630		
2021	\$150,000	State	Apron Expansion - Phase I Environmental and Design	\$142,000				\$142,000		
	(\$0)	Remaining Funds	2027 Annual Subtotals:	\$ 4,688,257	\$ 150,000	\$ 3,835,627	\$ 110,000	\$ 592,630		
2028	\$150,000	AIP	Apron Expansion - Phase II Construction	\$1,700,000	\$150,000	\$1,380,000		\$1,700,000	\$170,000	
2020	\$150,000	Other	T-Hangars	\$1,175,000						\$1,175,000
		Remaining Funds	2028 Annual Subtotals:	\$ 2,875,000	\$ 150,000	\$ 1,380,000		\$ 1,700,000	\$ 170,000	\$ 1,175,000
			6 Year CIP Totals:	\$12,957,805	\$900,000	\$5,460,257	\$550,000	\$5,271,183	\$180,865	\$2,295,500

SPONSOR SIGNATURE:	DATE:		

### St. Tammany Regional Airport – L31 Elements of Capital Improvement Plan (CIP) FY 2023-2028

#### **FY YEAR 2023**

- 1. Rehabilitate Runway and Reconstruct Partial Taxiway Reimbursement: This will replace the local funds used to fund the remainder of the FY 2022 AIP Grant.
- 2. Airport Access Road Relocation Phase I Design: Airport Road, which is the main access from Highway 36 to the airport terminal area falls within the Runway object Free zone. This project consists of the design of a new airport access roadway along the eastern property line of the airport to access the new terminal area. The roadway will connect Highway 36 to the new terminal area.
- 3. Land Acquisition for the Removal of Trees Phase II Acquisition of Northwest Land (Obstruction): The transition surface is being penetrated on the northwest by trees (Approximately 19 acres). It is necessary to acquire this land in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.
- **4. Master Plan:** A Master Plan is required by FAA to justify improvements for FY 2025-2028 Apron Extension, Box Hangar Construction, Runway Extension, and T-Hangars.

#### **FY YEAR 2024**

- 1. Airport Access Road Relocation Phase IIA Construction: Airport Road, which is the main access from Highway 36 to the airport terminal area falls within the Runway object Free zone. This construction phase consists of earthwork, drainage and road subbase of a new airport access roadway along the eastern property line of the airport to access the new terminal area. The roadway will connect Highway 36 to the new terminal area.
- 2. **Tree Removal (East):** Several acres of trees need to be removed so the eastern side of the runway to be cleared of any obstructions.
- 3. Removal of Northwest Trees (Obstruction Mitigation): The transition surface is being penetrated on the northwest by trees (Approximately 24 acres). It is necessary to remove these trees in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

4. Land Acquisition for the Removal of Trees - Phase III - Acquisition of Southwest Land (Obstruction): The transition surface is being penetrated on the southwest by trees (Approximately 24 acres). It is necessary to acquire this land in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

#### **FY YEAR 2025**

- 1. **PAPI construction:** This includes the installation of PAPIs which are needed to complete the NAVAIDS enhancement at the airport.
- 2. Airport Access Road Relocation Phase IIB Construction: Airport Road, which is the main access from Highway 36 to the airport terminal area falls within the Runway object Free zone. This construction phase consists of roadway base and asphalt surface of a new airport access roadway along the eastern property line of the airport to access the new terminal area. The roadway will connect Highway 36 to the new terminal area.
- 3. Removal of Southwest Trees (Obstruction Mitigation): The transition surface is being penetrated on the southwest by trees (Approximately 24 acres). It is necessary to remove these trees in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.
- 4. Runway 18/36 Extension Phase I Environmental: The proposed project will extend the existing runway to 4200' x75' with a 200' displacement on Runway 18. The Airport continues to have a growing need from the community and aircraft users requiring a runway length of 4,000ft. The proposed project would utilize a flexible pavement section and designed to match the PCN of the existing runway, taxiway, and apron. The project would also include installation of edge lighting and required airfield signage. The objective of this phase is to provide the environmental assessment to accomplish the overall runway goal.

#### **FY YEAR 2026**

1. Runway 18/36 Extension - Phase II - Design & Mitigation: This project will begin a multi-year phased project to extend the existing runway to 4200' x 75' with a 200' displacement on Runway 18. The objective of this phase is to provide the design and phase development to accomplish the overall runway goal. The Airport continues to have a growing need from the community and aircraft users requiring a runway length of 4,000 ft. The proposed project would utilize a flexible pavement section and designed to match the PCN of the existing runway, taxiway, and apron. The project would also include installation of edge lighting and required airfield signage. The objective of this phase is to provide the design and mitigation of wetlands.

2. **Box Hangar:** This project will provide for the construction of a Box Hangar adjacent to the new apron. This project includes site preparation, new hangars, and utilities.

#### **FY YEAR 2027**

- 1. Runway 18/36 Extension Phase III Construction: This project will consist of the construction to extend the existing runway to 4200' x 75' with a 200' displacement on Runway 18. The objective of this phase is to provide the design and phase development to accomplish the overall runway goal. The Airport continues to have a growing need from the community and aircraft users requiring a runway length of 4,000 ft. The proposed project would utilize a flexible pavement section and designed to match the PCN of the existing runway, taxiway, and apron. The project would also include installation of edge lighting and required airfield signage.
- 2. Apron Extension Phase I Environmental & Design: This project consists of the design of an apron extension north of the apron to provide more airfield capacity and frontage for additional hangar construction. The expansion would include approximately 11,000 square yards and consist of a flexible pavement section.

#### **FY YEAR 2028**

- Apron Extension Phase III Construction: This project consists of the construction of an apron extension north of the apron to provide more airfield capacity and frontage for additional hangar construction. The expansion would include approximately 11,000 square yards and consist of a flexible pavement section.
- 2. **T-Hangars:** This project will provide for the construction of a 10-unit T-Hangar adjacent to the new apron. The project will include site preparation, new hangars, and utilities. The sponsor has a growing list of potential tenants for leasing the new units.

Airport Sponsor: St. Tammany Parish Government Airport St. Tammany Regional Airport No. and Street/P.O. Box: 25048 LA-36 City, State, Zip Code: Abita Springs, LA 70420 **Funding Year Requested:** PROJECT TITLE/DESCRIPTION: Rehabilitate Runway and Reconstruct Partial Taxiway - (Reimbursement)

#### PROJECT SCOPE & JUSTIFICATION:

The Sponsor used Local funds to completed FY 22 funding requirements. This request is for reimursment of funds.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost
Administrative Expenses	
Land Acquisition Cost	
Engineering Fees	
Survey	
Geotechnical	
Estimated Construction Cost	\$ 82,169.00
Construction Inspection	
Construction Administration Fees	
Construction Testing	
Equipment Purchase Cost	
Other: (Implementation Services)	
Other: (define)	
Total Estimated Project Cost	\$ 82,169.00

#### **Funding Sources:**

<del>g                                    </del>				
Source		% Contribution		Funds
Federal Funds		90%	\$	73,952.00
State Funds		10%	\$	8,217.00
Local Contribution		0%		
Other: (define)		0%		
Total Estimated Project Cost			¢	82 169 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code: Abita Springs, LA 70420

#### PROJECT TITLE/DESCRIPTION:

Airport Access Road Relocation (Phases I, IIA, and IIB)

**Funding Year Requested:** 

2022, 2023, 2024

#### PROJECT SCOPE & JUSTIFICATION:

Airport Road, which is the main access from Highway 36 to the airport terminal area falls within the Runway object Free zone. This project consists of the design of a new airport access roadway along the eastern property line of the airport to access the new terminal area. The roadway will connect Highway 36 to the new terminal area and will eliminate a runway obstruction.

This project is broken out into a Design Phase and two Construction Phases. Construction Phase IIA consit of clearing, excacavation dainage work and roadway subbase. Construction Phase IIB consists of completing the roadway with base, surfacing, final grading and seeding.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost		
Administrative Expenses	\$ 2,000.00		
Land Acquisition Cost			
Engineering Fees	\$ 85,000.00		
Survey	\$ 20,000.00		
Geotechnical	\$ 9,000.00		
Estimated Construction Cost	\$ 1,373,281.00		
Construction Inspection	\$ 55,000.00		
Construction Administration Fees	\$ 35,000.00		
Construction Testing	\$ 15,000.00		
Equipment Purchase Cost			
Other: (Implementation Services)	\$ 15,000.00		
Other: (Environmental)	\$ \$ 6,000.00		
Total Estimated Project Cost	\$ 1,615,281.00		

#### **Funding Sources:**

<del>g o o a i o o o i</del>				
Source		% Contribution		Funds
Federal Funds		0%		
State Funds		100%	\$	1,061,015.00
Local Contribution		0%		,
Other: (define)		0%		
Total Estimated Project Cost			¢	1 061 015 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan



ST. TAMMANY PARISH REGIONAL AIRPORT (L31) AIRPORT ACCESS ROAD (OBSTRUCTION MITIGATION)

SCALE: 1"=500'

DATE:

SEPT 2022





EXHIBIT NO.

ST. TAMMANY PARISH GOVERNMENT
PO BOX 628
COVINGTON, LA 70434

ST. TAMMANY REGIONAL AIRPORT
AIRPORT ACCESS ROAD RELOCATION
(OBSTRUCTION MITIGATION)
PH. I DESIGN & PH. II CONSTRUCTION

		UNIT OF				UNIT PRICE
CONSTRUCTION PHASE	ITEM DESCRIPTION	MEASURE	QUANTITY	UNIT P	RICE	EXTENSION
IIA & IIB	MOBILIZATION	LUMP	1	\$ 90,0	00.00	\$ 90,000.0
IIA	CLEARING AND GRUBBING	ACRE	3.75	\$ 10,0	00.00	\$ 37,500.0
IIA	UNCLASSIFIED EXCAVATION	CUYD	7500	\$	24.00	\$ 180,000.0
IIA	MUCK EXCAVATION	CUYD	2500	\$	27.00	\$ 67,500.0
IIA & IIB	EMBANKMENT	CUYD	6500	\$	28.00	\$ 182,000.0
IIA	SUBBASE COURSE	CUYD	2700	\$	34.00	\$ 91,800.0
IIA	TEMPORARY BAILED HAY SEDIMENT CHECK DAM	EACH	6	\$ 1	00.00	\$ 600.0
IIA	TEMPORARY SILT FENCING	LNFT	5725	\$	3.50	\$ 20,037.5
IIB	CRUSHED AGGREGATE CLASS II BASE COURSE	CUYD	1800	\$ 1	20.00	\$ 216,000.0
IIB	ASPHALT SURFACE	TON	1850	\$ 1	50.00	\$ 277,500.0
IIB	HYDRO SEEDING	ACRE	3.5	\$ 2,5	00.00	\$ 8,750.0
IIA	CROSS DRAINS	LNFT	200	\$ 1	75.00	\$ 35,000.0
IIA	BOX CULVERT	EACH	1	\$ 6,0	00.00	\$ 6,000.0
IIB	GUARDRAIL	LNFT	200	\$	75.00	\$ 15,000.0
IIB	GUARDRAIL END TREATMENTS	EACH	4	\$ 3,5	00.00	\$ 14,000.0
IIB	GEOTEXTILE FABRIC	SQ	2700	\$	2.50	\$ 6,750.0
UB-TOTAL ESTIMAT	TED CONSTRUCTION COST		•	•		\$ 1,248,437.5
ONSTRUCTION CON	NTINGENCY (10%)					\$ 124,843.7
OTAL ESTIMATED C	CONSTRUCTION COST				•	\$ 1,373,281.2
ONSTRUCTION PRO	DIECT IMPLEMENTATION/ GRANT ADMINISTRATION					\$ 15,000.0
CONSTRUCTION ADM	MINISTRATION					\$ 35,000.0
ESIDENT INSPECTIO	ON					\$ 55,000.0
NSPECTION & MATE	ERIALS TESTING					\$ 15,000.0
OTAL CONSTRUCTION	ON COST					\$ 1,493,281.
ESIGN						
NGINEERING GRAN	IT ADMINISTRATION					\$ 2,000.0
NVIRONMENTAL						\$ 6,000.
EOTECHNICAL						\$ 9,000.
NGINEERING FEE						\$ 85,000.
URVEY						\$ 20,000.
OTAL PROFESSIONA	AL SERVICES COSTS					\$ 122,000.

Airport Sponsor: St. Tammany Parish Government

Airport: St. Tammany Regional Airport

No. and Street/P.O. Box: 25048 LA-36

City, State, Zip Code: Abita Springs, LA 70420

#### PROJECT TITLE/DESCRIPTION:

Land Acquisition for the Removal of Trees - Phase II - Acquisition of Northwest Land (Obstruction)

Land Acquisition for the Removal of Trees - Phase III - Acquisition of Southwest Land (Obstruction)

**Funding Year Requested:** 

2023 and 2024

#### PROJECT SCOPE & JUSTIFICATION:

Phase II - Acquisition of Northwest Land (Obstruction) - The transition and PAPI siting surfaces are being penetrated on the northwest by trees (Approximately 24 acres). It is necessary to acquire this land in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

Phas III - Acquisition of Southwest Land (Obstruction) - The transition and PAPI siting surfaces are being penetrated on the southwest by trees (Approximately 24 acres). It is necessary to acquire this land in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification		Estimated Cost
Administrative Expenses	\$	5,000.00
Land Acquisition Cost	\$	750,000.00
Engineering Fees		
Survey		
Geotechnical		
Estimated Construction Cost		
Construction Inspection		
Construction Administration Fees		
Construction Testing		
Equipment Purchase Cost		
Other: (Environmental)	\$	30,000.00
Other: (define)		
Total Estimated Project Cost	\$	785,000.00

#### **Funding Sources:**

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Source		% Contribution		Funds
Federal Funds		0%		
State Funds		100%	\$	785,000.00
Local Contribution		0%		
Other: (define)		0%		
Total Estimated Project Cost				785,000.00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

ST. TAMMANY PARISH REGIONAL AIRPORT (L31) LAND ACQUISITION / TREE REMOVAL FOR OBSTRUCTION REMOVAL AND PAPI CONSTRUCTION SCALE: 1"=1000'

DATE:

SEPT 2022





EXHIBIT NO.

2

ST. TAMMANY PARISH GOVERNMENT
PO BOX 628
COVINGTON, LA 70434

ST. TAMMANY REGIONAL AIRPORT
LAND ACQUISITION/TREE REMOVAL
(NORTHWEST AND SOUTHWEST)

	LAND ACQUISITION/TREE REMOVAL (NORTHWEST AND SOUTHWEST)												
REF NO.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	ı	UNIT PRICE		UNIT PRICE		UNIT PRICE		UNIT PRICE		UNIT PRICE EXTENSION
NORTHWEST S	SIDE OF TREES		ACRES										
LAND PURCHA	SE (NORTHWEST)		24	\$	15,000.00	\$	360,000.00						
ENVIRONMEN	TAL CAT EX NORTH SIDE					\$	15,000.00						
	SUBTOTAL		\$				375,000.00						
			•										
REMOVAL OF	TREES NORTH SIDE		24	\$	7,500.00	\$	180,000.00						
SOUTHWEST S	IDE OF TREES												
LAND PURCHA	SE (SOUTHWEST)		24	\$	15,000.00	\$	360,000.00						
ENVIRONMEN	TAL CAT EX SOUTH SIDE					\$	15,000.00						
	SUBTOTAL		\$				375,000.00						
			•										
REMOVAL OF	TREES SOUTH SIDE TREES		24	\$	7,500.00	\$	180,000.00						

Airport Sponsor: St. Tammany Parish Government

Airport: St. Tammany Regional Airport

No. and Street/P.O. Box: 25048 LA-36

City, State, Zip Code: Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:

Airport Master Plan

Funding Year Requested:

2023

#### PROJECT SCOPE & JUSTIFICATION:

A Master Plan as outlined by the Federal Aviation Administration (FAA) Advisory Circular (AC) 150/5070-6B, is required by FAA to justify improvements for FY 2024-2028 - Apron Extension, Box Hangar Construction, Runway Extension, and T-Hangars.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost
Administrative Expenses	
Land Acquisition Cost	
Engineering Fees	\$ 255,309.00
Survey	
Geotechnical	
Estimated Construction Cost	
Construction Inspection	
Construction Administration Fees	
Construction Testing	
Equipment Purchase Cost	
Other: ()	
Other: (define)	
Total Estimated Project Cost	\$ 255,309.00

#### **Funding Sources:**

g odurces.			
Source	0,	% Contribution	Funds
Federal Funds		90%	\$ 229,778.00
State Funds		10%	\$ 25,531.00
Local Contribution		0%	
Other: (define)		0%	
	Total Estimated	d Project Cost	\$ 255 309 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

Airport Sponsor Airport St. Tammany Parish Government St. Tammany Regional Airport St. Tammany Regional

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost
Administrative Expenses	
Land Acquisition Cost	
Engineering Fees	
Survey	
Geotechnical	
Estimated Construction Cost	\$ 84,500.00
Construction Inspection	
Construction Administration Fees	
Construction Testing	
Equipment Purchase Cost	
Other: (Environmental)	\$ 15,000.00
Other: (Airspace Evalutation)	\$ 5,000.00
Total Estimated Project Cost	\$ 104,500.00

#### **Funding Sources:**

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Source	% Contribution	Funds
Federal Funds	0%	
State Funds	100%	\$ 104,500.00
Local Contribution	0%	,
Other: (define)	0%	
Total Estim	ated Project Cost	\$ 104,500.00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

ST. TAMMANY PARISH GOVERNMENT	ST. TAMMANY REGIONAL AIRPORT
PO BOX 628	TREE REMOVAL (EAST)
COVINGTON, LA 70434	

	TREE REMOVAL (EAST)					
REF NO.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	_	T PRICE ENSION
EAST SIDE OF	TREES		<u>ACRES</u>			
REMOVAL OF	TREES EAST SIDE TREES		13	6500	\$	84,500.00
ENVIRONMEN	ITAL CAT EX EAST SIDE				\$	15,000.00
AIRSPACE EVA	ILUATION				\$	5,000.00
TOTAL ESTIMATED PROJECT COST			\$			104,500.00

Airport Sponsor St. Tammany Parish Government Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code Abita Springs, LA 70420	
PROJECT TITLE/DESCRIPTION:	Funding Year Requested:
Removal of Northwest Trees (Obstruction Mitigation)	2024

#### **PROJECT SCOPE & JUSTIFICATION:**

The transition and PAPI Siting surfaces are being penetrated on the northwest by trees (Approximately 24acres) It is necessary to remove these trees in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	[	Estimated Cost
Administrative Expenses	\$	5,000.00
Land Acquisition Cost		
Engineering Fees		
Survey		
Geotechnical		
Estimated Construction Cost	\$	180,000.00
Construction Inspection		
Construction Administration Fees		
Construction Testing		
Equipment Purchase Cost		
Other: (Implementation Services)		,
Other: (Environmental)		
Total Estimated Project C	ost \$	185,000.00

#### **Funding Sources:**

<u> </u>		
Source	% Contribution	Funds
Federal Funds	0%	
State Funds	100%	\$ 185,000.00
Local Contribution	0%	,
Other: (define)	0%	
	Total Estimated Project Cost	\$ 185,000.00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code: Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:	Funding Year Requested:
PAPI Construction	2025

#### **PROJECT SCOPE & JUSTIFICATION:**

The installation of PAPIs will enhance the safety of pilots landing at the St. Tammany Regional Airport. The PAPIs will complete the NAVAIDS and lighting system constructed in recent years.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

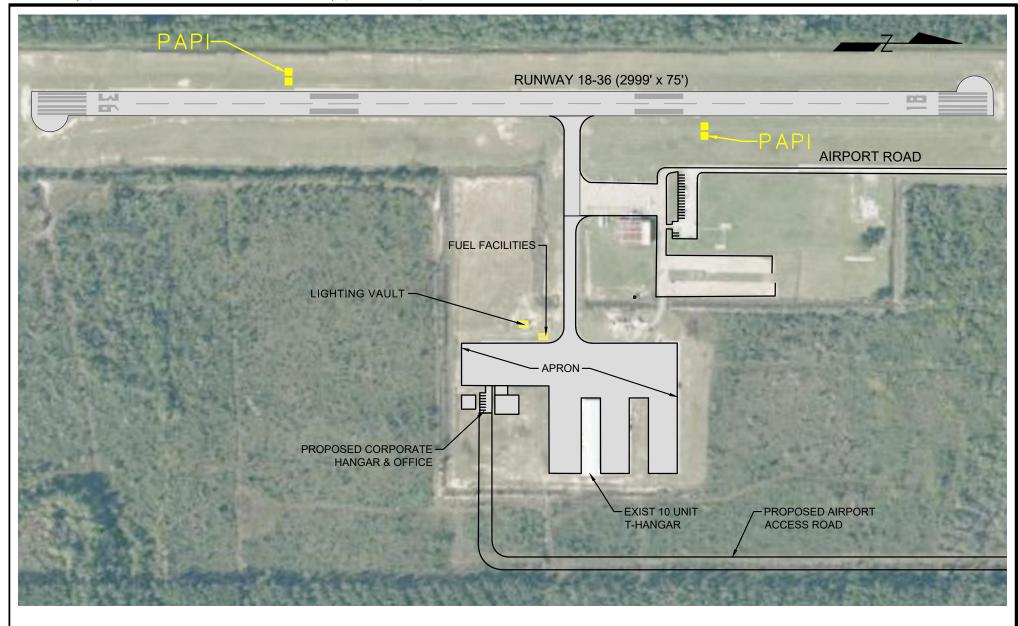
Classification	Estimated Cost
Administrative Expenses	\$ 3,000.00
Land Acquisition Cost	
Engineering Fees	\$ 15,000.00
Survey	·
Geotechnical	
Estimated Construction Cost	\$ 101,420.00
Construction Inspection	\$ 8,000.00
Construction Administration Fees	\$ 8,000.00
Construction Testing	
Equipment Purchase Cost	
Other: (Flight Check)	\$ 12,000.00
Other:	
Total Estimated Project Cost	\$ 147,420.00

#### **Funding Sources:**

g <u> </u>			
Source		% Contribution	Funds
Federal Funds		90%	\$ 132,678.00
State Funds		10%	\$ 14,742.00
Local Contribution		0%	
Other: (define)		0%	
	Total Estimat	ed Project Cost	\$ 147 420 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan



ST. TAMMANY PARISH REGIONAL AIRPORT (L31)

PAPI CONSTRUCTION

SCALE: 1"=300'

DATE:

AUG. 2021





EXHIBIT NO.

3

Airport Sponsor:
Airport: St. Tammany Parish Government
St. Tammany Regional Airport

No. and Street/P.O. Box: 25048 LA-36
City, State, Zip Code: Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:
Removal of Southwest Trees (Obstruction Mitigation)

St. Tammany Parish Government

Airport: St. Tammany Parish Government

St. Tammany Parish Government

Ext. Tammany Parish Government

St. Tammany Parish Government

St. Tammany Parish Government

Ext. Tammany Parish Government

St. Tammany Parish Government

St. Tammany Parish Government

St. Tammany Parish Government

Ext. Tammany Parish Government

Airport: St. Tammany Parish Government

St. Tammany Parish Government

Ext. Tammany Parish Government

St. Tammany Parish Government

St. Tammany Parish Government

Airport: St. Tammany Parish Government

Ext. Tammany Parish Government

St. Tammany Parish Government

Ext. Tammany Parish Go

#### **PROJECT SCOPE & JUSTIFICATION:**

The transition surface is being penetrated on the southwest by trees (Approximately 24 acres). It is necessary to remove these trees in order to mitigate the hazard to the transition surface and to account for the PAPIs installation in the future.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost
Administrative Expenses	\$ 5,000.00
Land Acquisition Cost	
Engineering Fees	
Survey	
Geotechnical	
Estimated Construction Cost	\$ 180,000.00
Construction Inspection	
Construction Administration Fees	
Construction Testing	
Equipment Purchase Cost	
Other: (Implementation Services)	
Other: (define)	
Total Estimated Project Cost	\$ 185,000.00

#### **Funding Sources:**

<del>g                                    </del>				
Source		% Contribution		Funds
Federal Funds		0%		
State Funds		100%	\$	185,000.00
Local Contribution		0%		
Other: (define)		0%		
Total Estimated Project Cost			¢	195 000 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code: Abita Springs, LA 70420

|--|

Runway 18/36 Extension (Phases I-III)

#### **Funding Year Requested:**

2026, 2027, and 2028

#### PROJECT SCOPE & JUSTIFICATION:

This project will begin a multi-year phased project to extend the existing runway to 4200' x 75' with a 200' displacement on Runway 18. The objective of this phase is to provide the design and phase development to accomplish the overall runway goal. The Airport continues to have a growing need from the community and aircraft users requiring a runway length of 4,000 ft. The proposed project would utilize a flexible pavement section and designed to match the PCN of the existing runway, taxiway, and apron. The project would also include installation of edge lighting and required airfield signage. The objective of this phase is to provide the design and mitigation of wetlands.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

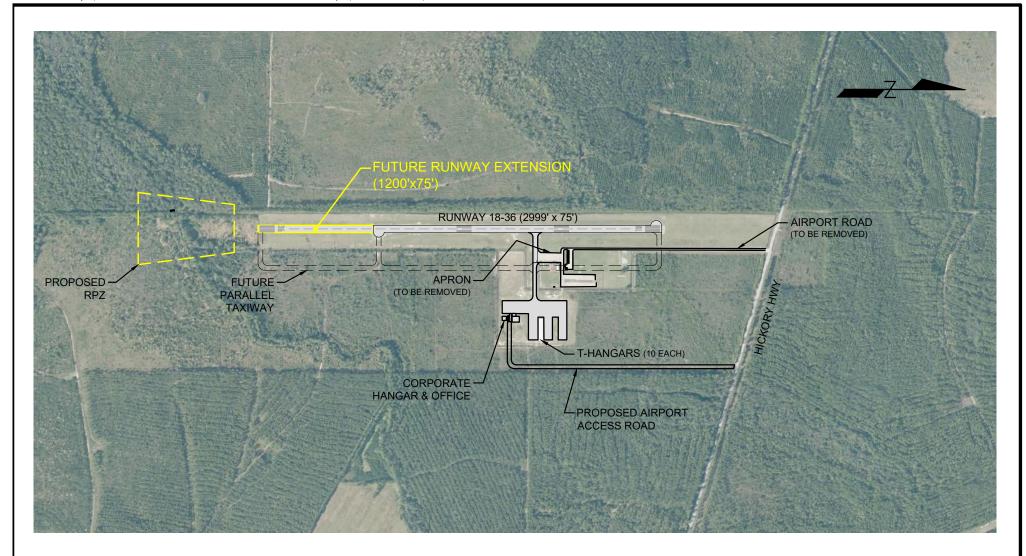
Classification	Estimated Cost	
Administrative Expenses	\$	10,000.00
Land Acquisition Cost		
Engineering Fees	\$	230,000.00
Survey	\$	50,000.00
Geotechnical	\$	25,000.00
Estimated Construction Cost	\$	4,180,957.00
Construction Inspection	\$	200,000.00
Construction Administration Fees	\$	95,300.00
Construction Testing	\$	30,000.00
Other: (Implementation Services)	\$	30,000.00
Other: (Wetlands Mitigation)	\$	450,000.00
Other: (Environmental Assessment and Permitting)	\$	200,000.00
Total Estimated Project Cost	\$	5,501,257.00

#### **Funding Sources:**

<del>g                                    </del>				
Source		% Contribution		Funds
Federal Funds		90%	\$	4,951,131.00
State Funds		10%	\$	550,126.00
Local Contribution		0%		,
Other: (define)		0%		
	Total Estimat	ed Project Cost	¢	5 501 257 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan



ST. TAMMANY PARISH REGIONAL AIRPORT (L31) RUNWAY 18-36 EXTENSION (1200' X 75') SCALE: 1"=1000' DATE:

SEPT 2022





EXHIBIT NO.

ST. TAMMANY PARISH GOVERNMENT
PO BOX 628
COVINGTON, LA 70434

ENGINEERING GRANT ADMINISTRATION (DESIGN & CONSTRUCTION)

ST. TAMMANY REGIONAL AIRPORT RUNWAY 13/36 EXTENSION

\$

30,000.00

	RUNWAY 18/36 RUNWAY REHABILITATION - SUMMARY OF ESTIMA	UNIT OF					UNIT PRICE
REF NO.	ITEM DESCRIPTION	MEASURE	QUANTITY	l	JNIT PRICE		EXTENSION
105	MOBILIZATION	LUMP	1	\$	235,000.00	\$	235,000.0
P-151-4.3	GRUBBING	ACRE	21	\$	6,000.00	\$	126,000.0
P-152-4.1	UNCLASSIFIED EXCAVATION	CUYD	25,000	\$	20.00	\$	500,000.0
P-152-4.3	MUCK EXCAVATION	CUYD	4,500	\$	25.00	\$	112,500.0
P-152-4.5	BORROW EXCAVATION	CUYD	50000	\$	27.00	\$	1,350,000.0
P-154-5.1	SUBBASE COURSE	CUYD	3450	\$	35.00	\$	120,750.0
P-155-8.1	LIME TREATED SUBGRADE	SQYD	10300	\$	6.00	\$	61,800.0
P-155-8.2	LIME TREATED SUBGRADE	TON	114	\$	250.00	\$	28,500.0
P-156-5.1	TEMPORARY SEEDING	ACRE	12	\$	1,000.00	\$	12,000.0
P-156-5.3	TEMPORARY BAILED HAY SEDIMENT CHECK DAM	EACH	12	\$	250.00	\$	3,000.0
P-156-5.4	TEMPORARY SILT FENCING	LNFT	2700	\$	3.50	\$	9,450.0
P-209-5.1	CRUSHED AGGREGATE BASE COURSE (10" THICK)	SQYD	10300	\$	35.00	\$	360,500.0
P-401-8.1A	BITUMINOUS SURFACE COURSE	TON	2300	\$	150.00	\$	345,000.0
P-602-5.1	BITUMINOUS PRIME COAT	GAL	3900	\$	5.00	\$	19,500.0
P-603-5.1	BITUMINOUS TACK COAT	GAL	1000	\$	5.00	\$	5,000.0
P-620-5.1-1	RUNWAY AND TAXIWAY PAINTING	SQFT	12000	\$	2.00	\$	24,000.0
P-620-5.1-2	REFLECTIVE MEDIA	POUND	1020	\$	4.00	\$	4,080.0
T-901-5.1	HYDO SEEDING	ACRE	24	\$	1,800.00	\$	43,200.0
D-751	DRAINAGE STRUCTURES	LUMP	1	\$	75,000.00	\$	75,000.0
L-108-5.3A	UNDERGROUND CABLE #8 AWG 5 KV, INSTALLED IN DUCT OR CONDUIT	LNFT	7000	\$	3.00	\$	21,000.0
L-108-5.3B	UNDERGROUND CABLE 2 CONDUCTOR #14 AG TWISTED PAIR WITH GROUND, INSTALLED IN DUCT OR CONDUIT	LNFT	200	\$	1.20	\$	240.0
L-108-5.4	BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH, INCLUDING GROUND RODS AND CONNECTORS	LNFT	3000	\$	5.00	\$	15,000.0
L-110-5.1	CONDUIT 2" SCH 40 PVC, DIRECT BURIED	LNFT	4700	\$	11.00	\$	51,700.0
L-110-5.4	TYPE I QUAZITE JUNCTION BOX	EACH	4	\$	4,000.00	\$	16,000.0
L-110-5.5	TYPE II L-867D JUNCTION BOX	EACH	4	\$	3,000.00	\$	12,000.0
L-125-5.1B	MEDIUM INTENSITY ELEVATED BASE MOUNTED RUNWAY EDGE LIGHT (L-861-Q WITH 45 WATT QUARTZ LAMP)	EACH	14	\$	2,200.00	Ė	30,800.0
L-125-5.1C	MEDIUM INTENSITY ELEVATED BASE MOUNTED RUNWAY THRESHOLD LIGHT (L-861-Q WITH 45 WATT QUARTZ LAMP)	EACH	8	\$	2,200.00	\$	17,600.0
L-125-5.1D	RELOCATE PRECISION APPROACH PATH INDICATOR (PAPI-2) WITH CONCRETE PAD	EACH	2	\$	20,000.00	\$	40,000.0
L-125-5.1E	RELOCATE RUNWAY END IDENTIFIER LIGHTS (REILS) WITH CONCRETE PAD	EACH	2	\$	9,000.00	\$	18,000.0
L-125-5.1F	REMOVAL OF BASE MOUNTED LIGHTING FIXTURES AND CONCRETE PADS	EACH	8	\$	800.00	\$	6,400.0
S-1001	GEOTEXTILE FABRIC	SQYD	10300	\$	3.50	ı .	36,050.0
S-1002	CONSTRUCTION HAUL ROAD	LNFT	700	\$	120.00	_	84,000.0
S-1004	SPLICE AND REMOVE OR RECONNECT 2" CONDUIUT	EACH	4	\$	1,200.00	\$	4,800.0
S-1005	TEMPORARY RUNWAY PAINTING	LUMP	1	\$	12,000.00	\$	12,000.0
UB-TOTAL ES	STIMATED CONSTRUCTION COST					\$	3,800,870.0
ONSTRUCTION	ON CONTINGENCY (10%)					\$	380,087.0
OTAL ESTIM	ATED CONSTRUCTION COST					\$	4,180,957.0
RESIDENT INS						\$	200,000.0
MATERIALS T						\$	30,000.0
CONSTRUCTIO	ON ADMINISTRATION					\$	95,300.0
TOTAL CONST	ruction					\$	4,506,257.0
NVIRONMEN	NTAL ASSESSMENT AND PERMITTING					\$	200,000.0
DMINISTRA						\$	10,000.

ENGINEERING FEE & BIDDING	\$	230,000.00
SURVEYING	\$	50,000.00
GEOTECHNICAL INVESTIGATIONS	\$	25,000.00
TOTAL ENGINEERING	\$	335,000.00
WETLANDS MITIGATION	\$	450,000.00
TOTAL ESTIMATED PROJECT COST	\$ 	5,501,257.00

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:	Funding Year Requested:
Box Hangar	2026

#### **PROJECT SCOPE & JUSTIFICATION:**

This project will provide for the construction of a Box Hangar adjacent to the new apron. This project includes site preparation, new hangars, and utilities.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	Estimated Cost	
Administrative Expenses	\$	5,000.00
Land Acquisition Cost		
Engineering Fees	\$	80,000.00
Survey		
Geotechnical		
Estimated Construction Cost	\$	968,000.00
Construction Inspection	\$	12,000.00
Construction Administration Fees	\$	20,000.00
Construction Testing	\$	8,000.00
Equipment Purchase Cost		
Other: (Implementation Services)	\$	15,000.00
Other: (Environmental)	\$	12,500.00
Total Estimated Project Cost	\$	1,120,500.00

#### **Funding Sources:**

g oourocs.				
Source	0	% Contribution		Funds
Federal Funds		0%		
State Funds		0%		
Local Contribution		0%		
Other: (Capital Outlay)		100%	\$	1,120,500.00
	Total Estimated	Project Cost	¢	1 120 500 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:	Funding Year Requested:
Apron Extension (Phases I - II)	2027 and 2028

#### **PROJECT SCOPE & JUSTIFICATION:**

This project consists of the design and construction of an apron extension north of the apron to provide more airfield capacity and frontage for additional hangar construction. The expansion would include approximately 11,000 sqaure yards and consist of a flexible pavement section.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

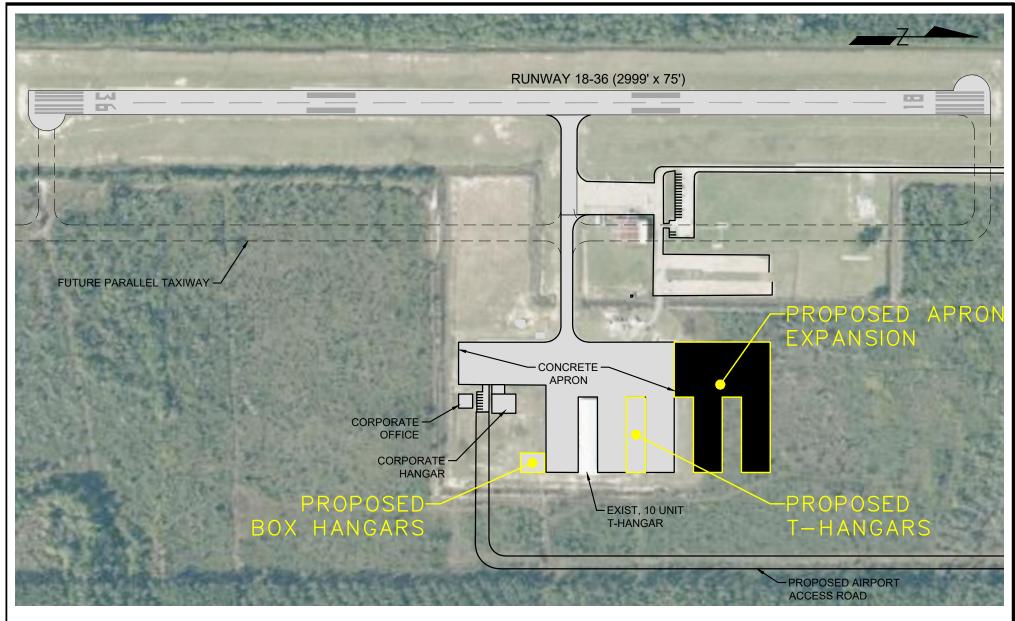
Classification		Estimated Cost
Administrative Expenses	\$	10,000.00
Land Acquisition Cost		
Engineering Fees	\$	95,000.00
Survey	\$	15,000.00
Geotechnical	\$	10,000.00
Estimated Construction Cost	\$	1,651,111.00
Construction Inspection	\$	40,000.00
Construction Administration Fees	\$	30,000.00
Construction Testing	\$	15,000.00
Equipment Purchase Cost		
Other: (Implementation Services)	\$	17,500.00
Other: (Environmental)	\$	12,000.00
Total Estimated Proje	ect Cost \$	1,895,611.00

#### **Funding Sources:**

<del>g                                    </del>				
Source		% Contribution		Funds
Federal Funds		90%	\$	1,706,049.00
State Funds		10%	\$	189,562.00
Local Contribution	,	0%		'
Other: (define)	-	0%		
	Total Estimat	ed Project Cost	¢	1 905 611 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan



ST. TAMMANY PARISH REGIONAL AIRPORT (L31) APRON EXPANSION BOX HANGAR T-HANGAR SCALE: 1"=300'

DATE:

AUG. 2021





EXHIBIT NO. 5

ST. TAMMANY PARISH GOVERNMENT
PO BOX 628
COVINGTON, LA 70434

ST. TAMMANY REGIONAL AIRPORT	
APRON EXPANSION	

APRON EXPANSION							
REF NO.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	ı	JNIT PRICE		UNIT PRICE EXTENSION
105	MOBILIZATION	LUMP	1	\$	89,710.00	\$	89,710.00
P-101	GRADING	SQYD	5000	\$	2.00	\$	10,000.00
P-151-4.3	CLEARING AND GRUBBING	ACRE	3	\$	3,000.00	\$	9,000.00
P-152-4.1	UNCLASSIFIED EXCAVATION	CUYD	7000	\$	24.00	\$	168,000.00
P-152-4.3	MUCK EXCAVATION	CUYD	4000	\$	27.00	\$	108,000.00
P-154-5.1	SUBBASE COURSE	CUYD	4000	\$	35.00	\$	140,000.00
P-155-8.1	LIME TREATED SUBGRADE	SQYD	11000	\$	5.20	\$	57,200.00
P-155-8.2	LIME	TON	110	\$	250.00	\$	27,500.00
P-156-5.3	TEMPORARY BAILED HAY SEDIMENT CHECK DAM	EACH	4	\$	150.00	\$	600.00
P-156-5.4	TEMPORARY SILT FENCING	LNFT	1500	\$	3.00	\$	4,500.00
P-209-5.1	CRUSHED AGGREGATE BASE COURSE (6" THICK)	SQYD	11000	\$	40.00	\$	440,000.00
P-401-8.1A	BITUMINOUS SURFACE COURSE	TON	2500	\$	150.00	\$	375,000.00
P-620-5.1	BITUMINOUS PRIME COAT	GAL	5500	\$	5.00	\$	27,500.00
P-603-5.1	BITUMINOUS TACK COAT	GAL	1100	\$	5.00	\$	5,500.00
S-1001	GEOTEXTILE FABRIC	SQYD	11000	\$	3.50	\$	38,500.00
SUB-TOTAL ES	TIMATED CONSTRUCTION COST	,				\$	1,501,010.00
CONSTRUCTIO	ON CONTINGENCY (10%)					\$	150,101.00
TOTAL ESTIMA	ATED CONSTRUCTION COST					\$	1,651,111.00
ENGINEERING	GRANT ADMINISTRATION (CONSTRUCTION)					\$	7,500.00
RESIDENT INS	PECTION					\$	40,000.00
MATERIALS TE	ESTING					\$	15,000.00
CONSTRUCTIO	ON ADMINISTRATION					\$	30,000.00
TOTAL CONST	RUCTION					\$	1,743,611.00
ENGINEERING	GRANT ADMINISTRATION (DESIGN)					\$	10,000.00
ENVIRONMEN	·					, \$	12,000.00
ENGINEERING						, \$	95,000.00
SURVEY						\$	15,000.00
GEOTECHNICA	AL INVESTIGATIONS					\$	10,000.00
TOTAL ENGIN	EERING FEE					\$	142,000.00
	TOTAL ESTIMATED PROJECT COST		\$				1,885,611.00

Airport Sponsor St. Tammany Parish Government

Airport St. Tammany Regional Airport

No. and Street/P.O. Box 25048 LA-36

City, State, Zip Code Abita Springs, LA 70420

PROJECT TITLE/DESCRIPTION:	Funding Year Requested:
T-Hangars	2028

#### **PROJECT SCOPE & JUSTIFICATION:**

This project will provide for the construction of a 10-unit T-Hangar adjacent to the new apron. The project will include site preparation, new hangars, and utilities. The sponsor has a growing list of potential tenants for leasing the new units.

#### **Estimated Project Cost:**

(If applicable, attach a detailed construction cost estimate)

Classification	E	Estimated Cost	
Administrative Expenses	\$	5,000.00	
Land Acquisition Cost			
Engineering Fees	\$	75,000.00	
Survey	\$	5,000.00	
Geotechnical	\$	5,000.00	
Estimated Construction Cost	\$	1,045,000.00	
Construction Inspection	\$	7,500.00	
Construction Administration Fees	\$	15,000.00	
Construction Testing	\$	5,000.00	
Equipment Purchase Cost			
Other: (Implementation Services)	\$	5,000.00	
Other: (Environmental)	\$	7,500.00	
Total Estimated F	Project Cost \$	1.175.000.00	

#### **Funding Sources:**

g oources.			
Source	% Contribution	on	Funds
Federal Funds	0%		
State Funds	0%		
Local Contribution	0%		'
Other: (Capital Outlay)	100%	\$	1,175,000.00
	Total Estimated Project Co	ost \$	1 175 000 00

Attach the following: (as identified in Louisiana Administrative Code Title 70, Part IX §307 and §315

Sketch of Project(s) on the airport's approved Airport Layout Plan

ST. TAMMANY PARISH GOVERNMENT
PO BOX 628
COVINGTON, LA 70434

ST. TAMMANY REGIO	NAL AIRPORT
10 UNIT T-HANGAR	

10 UNIT T-HANGAR							
REF NO.	ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		UNIT PRICE EXTENSION	
1	CONSTRUCTION OF A NEW 10 UNIT T-HANGAR BUILDING (11,781 SF), POST TENSION CONCRETE FOUNDATION, ELECTRICAL, MECHANICAL, LIGHTING, GRADING AND MISCELLANEOUS WORK.	LUMP	1	\$ 925,000.00	\$	925,000.00	
2	MOBILIZATION	LUMP	1	\$ 25,000.00	\$	25,000.00	
SUB-TOTAL ES	TIMATED CONSTRUCTION COST				\$	950,000.00	
CONSTRUCTIO	N CONTINGENCY (10%)				\$	95,000.00	
SUB-TOTAL ES	TIMATED CONSTRUCTION COST				\$	1,045,000.00	
SURVEYING GEOTECHNICA	FEE & BIDDING L N ADMINISTRATION				\$ \$ \$ \$ \$	5,000.00 75,000.00 5,000.00 5,000.00 15,000.00 7,500.00 5,000.00	
PROJECT IMPL	EMENTATION SERVICES				\$	5,000.00	
ENVIRONMEN	TAL				\$	7,500.00	
	TOTAL ESTIMATED PROJECT COST		\$			1,175,000.00	