

ST. TAMMANY PARISH COUNCIL

RESOLUTION

RESOLUTION COUNCIL SERIES NO: C-4426

COUNCIL SPONSOR: TANNER/BRISTER

PROVIDED BY: GRANTS DEPARTMENT

RESOLUTION TO SUPPORT AND AUTHORIZE THE PARISH PRESIDENT TO FORMALLY REQUEST THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, DIVISION OF AVIATION (LA DOTD, DIVISION OF AVIATION), TO PROVIDE FUNDS TO COMPLETE THE AIRPORT IMPROVEMENTS AT ST. TAMMANY REGIONAL AIRPORT, AS SPECIFICALLY DESCRIBED IN THE CAPITAL IMPROVEMENT APPLICATION FOR STATE FINANCIAL ASSISTANCE DATED OCTOBER, 2015.

WHEREAS, Title 2 of the Louisiana Revised Statutes of 1950 provides that cities, towns, parishes, and other political subdivisions of this State may separately or jointly acquire, establish, construct, expand, own, lease, control, equip, improve, maintain, operate, regulate, and police airports and landing fields for the use of aircraft; and,

WHEREAS, the State of Louisiana, Department of Transportation and Development, Division of Aviation (formerly the LA DOTD-OAPT) is charged by Title 2 with the responsibility for the development of aviation facilities within the State to foster air commerce and to safeguard the interests of those engaged in all phases of the aviation industry and of the general public; and

WHEREAS, St. Tammany Parish Government, hereinafter referred to as "Sponsor", has completed an FAA and DOTD approved Master Plan, Action Plan, and/or Airport Layout Plan which outlines the specific future development of the St. Tammany Regional Airport; and, the Sponsor is desirous of implementing a portion of the approved Plan recommendations which provide for the critically needed improvements as stated below to substantially improve the safety and usability of the Airport, but does not have sufficient funds of its own required for completing the needed improvements; and,

WHEREAS, the LA DOTD, Division of Aviation is authorized by Title 2 to expend funds for the construction or enlargement of airports for the safety and advancement of aeronautics.

THE PARISH OF ST. TAMMANY HEREBY RESOLVES that:

SECTION I

The Sponsor does hereby formally request that the LA DOTD, Division of Aviation provide funds required to complete the airport improvements at the St. Tammany Regional Airport specifically as described in the Capital Improvement Program Application for State Financial Assistance dated October, 2015.

SECTION II

The said LA DOTD, Division of Aviation be and is hereby assured that all necessary servitudes, rights-of-way, rights of ingress and egress and means thereof will be furnished by the Sponsor and the titles thereto will be valid and indefeasible, and that the Sponsor will assume ownership, financial reporting, and complete responsibility for the maintenance and upkeep of the airport after completion of said improvement.

SECTION III

The Sponsor will save and hold the said LA DOTD, Division of Aviation, its officers, agents, and employees harmless from any liability or claim for damages arising out of the project, including death or injuries to third parties including, but not limited to, liability or claim for damages out of the negligence of said LA DOTD, Division of Aviation, its officers, agents, or employees, and expressly agrees to defend any suit of any nature brought against the LA DOTD, Division of Aviation as a result of this project.

SECTION VI

The Parish President of the Sponsor be and is hereby authorized and directed to evidence this agreement by affixing her signature at the place provided therefore on this Resolution and on subsequent related documents/agreements as required by the rules and regulations of the Federal Aviation Administration and the State of Louisiana and the Clerk is hereby authorized to attest said execution.

SECTION V

This Resolution shall be in full force and effect from and after its adoption.

THIS RESOLUTION HAVING BEEN SUBMITTED TO A VOTE, THE VOTE THEREON WAS AS FOLLOWS:

MOVED FOR ADOPTION BY: \_\_\_\_\_ SECONDED BY: \_\_\_\_\_

YEAS: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSTAIN: \_\_\_\_\_

ABSENT: \_\_\_\_\_

THIS RESOLUTION WAS DECLARED ADOPTED ON THE 1 DAY OF OCTOBER , 2015, AT A REGULAR MEETING OF THE PARISH COUNCIL, A QUORUM OF THE MEMBERS BEING PRESENT AND VOTING.

\_\_\_\_\_  
RICHARD E. TANNER, COUNCIL CHAIRMAN

ATTEST:

\_\_\_\_\_  
THERESA L. FORD, COUNCIL CLERK

**ADMINISTRATIVE COMMENT**

This Resolution gives the Parish President the authority to request funds from the Louisiana Department of Transportation and Development, Division of Aviation, to complete the projects that are found in the Parish's Capital Improvement Plan (CIP) for the St. Tammany Regional Airport.



**CAPITOL IMPROVEMENT PLAN (DRAFT)**

**FY2016-2020**

**ST. TAMMANY REGIONAL AIRPORT**

**SPONSOR:**

**ST. TAMMANY PARISH GOVERNMENT**


OCTOBER, 2015

PREPARED BY:



**VOLKERT**

3466 Drusilla Ln, Ste. A  
Baton Rouge, LA 70809



## St. Tammany Regional Airport

### Elements of CIP 2016 – 2020

1. **Rehabilitate Runway - Construction:** The existing Runway surface is showing signs of cracking and deterioration. This project consists of removal of existing markings, crack sealing and seal coat along with new markings on the existing runway. This project is being proposed in order to preserve the remaining life of the existing pavement.
2. **Land Acquisition (West Side Transition) and Obstruction Mitigation:** For several years the trees growing along the west property line outward have been cited on the annual safety inspections. The trees start at approximately 175 feet from the runway and are a severe penetration to the west side runway transition surface. The sponsor does not have control over the trees at this time.

Under this project, the Sponsor proposes to purchase a 300 foot wide parcel of adjacent property giving the sponsor control out to 475 feet from the runway centerline. Once the purchase has been completed, the 46 acres of trees will be cleared.

3. **Airfield Lighting and NAVAIDS Improvements – Construction:** The existing runway lighting system is deteriorating due to years of service. Maintenance of the entire electrical system has increased over the years due to costly short term repairs. The proposed project consists installing a constant current lighting system with electrical vault, cans and pads to replace the existing lighting system. The work consists of two major items:

REHABILITATION OF RUNWAY LIGHTING SYSTEM - This work item consists of installing an electrical vault and MIREL on Runway 17-35.

NAVAIDS (PAPIs and REILS) – Work under this item consists of installing PAPIs and also installing REILS at each end of the runway.

4. **Airport Access Road Relocation (Obstruction Mitigation):** Airport Road, which is the main access from Highway 36 to the airport terminal area falls within the Runway Object Free Zone for ARC - XX. This project consists of the construction 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.
5. **Small Scale Airport Master Plan Update:** This project will consist of updating the Airport Master Plan. The update will include the following components:
  - a. Drawing Set:
    - i. Airport Layout Drawing
    - ii. Exhibit A
    - iii. Terminal Area Plan
    - iv. PAR 77 Airspace
    - v. Approaches

b. Aerial Survey

c. Master Plan:

i. Summary report of applicable changes and revisions from previous Plan

ii. CIP with project estimates

The previous update was completed in 2008. The Airport has made significant changes to airport environment and planning additional changes including construction of new apron, construction of new hangars, planned relocation of entrance road, planned construction of new terminal building and additional hangars.

6. **Runway 18/36 Extension (1200' x 75') Phase I – Environmental:** The proposed project will extend the existing runway to 4200' x 75' 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.
7. **Runway 18/36 Extension (1200' x 75') Phase II – Design:** 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 4,000ft. 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.
8. **Parking lot Relocation (Obstruction Mitigation):** The existing automobile parking lot servicing the existing terminal and hangars is located within the Runway Object Free Zone for ARC - XX. The proposed project will provide for an in-kind replacement along the new terminal area and apron. This project consists of the construction of paved parking lot that is accessible from the Airport Access Road and to the terminal and also consists of removing the existing access road.

9. **10 Unit T-Hangar Complex:** The 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 of the new units.
10. **Obstruction Mitigation (Trees) (East Side Transition):** For several years the trees growing along the east side of the property outward have been cited on the annual safety inspections. The trees start at approximately 175 feet from the runway and are a penetration to the east side of the runway transition surface.
11. **Runway 18/36 Extension (1200' x 75') Phase III – Mitigation and Construction:** The project the mitigation of all wetlands impacted by the extension and the clearing of 23 acres including future taxiway and all of Runway 36 RPZ. The project also includes the construction of embankment and drainage, subbase, base, asphalt pavement and lighting for the 1200' runway extension and 600' runway overrun area. 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.
12. **Box Hangar – Design and Construction:** The 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 minimum utilities. The sponsor has a growing list of potential tenants for leasing of the new units.
13. **Beacon Relocation:** The Beacon has been identified as being inside the building restriction line. This project consists of relocating the Beacon.
14. **Apron Expansion Phase I- Design:** This project consists of the survey and design of an apron extension north of the new apron to provide more airfield capacity and frontage for additional hangar construction. The expansion would include approximately 400' x 400' of a flexible pavement section.
15. **Parallel Taxiway - Design and Construction:** In order to maintain safe operations on the airfield, a full parallel taxiway is proposed under this CIP element. The project involves the design and construction of a 35' wide taxiway along the entire length of the runway (4200LF) with three new exit taxiways from the runway to the parallel taxiway. 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.
16. **Apron Expansion Phase II- Construction:** This project consists of the construction of an apron extension north of the new apron to provide more airfield capacity and frontage for additional hangar construction. The expansion would include approximately 400' x 400' of a flexible pavement section.

**CAPITAL IMPROVEMENT PLAN (CIP)**  
**St. Tammany Regional Airport**

**DATE CIP PREPARED:** Aug-15  
**CIP START YEAR:** 2016

\$ 348,334 **Estimated Carryover Balance**  
 \$ 150,000 **Estimated Annual NPE Amount**

Color Code Key & Notes	
** State Grant, Economic Development Grant, Bond Financing, Private:	Other**
* Sponsor 10% Match	Match*
Match Amount for "AIP Funding Request" NOT Included when green:	
Multi-Year NPE Fronted Amount NOT Included when red:	

Fed FY	Entitlement Available	ODO Priority	ODO Component Work Items/Phase	Multi-Year	Est. Total Project Cost	Funding Source			AIP Funding Request	
						Entitlement	Other AIP	Match*		
16	\$ 498,334	1	Rehabilitate Runway (Construction)	No	\$ 184,760		State Only Funds		\$ 184,760	
		2	Land Acquisition West Side and Obstruction Mitigation (Transition Surface)	No	\$ 730,000		State Only Funds		\$ 730,000	
		3	Airfield Lighting and NAVAIDS Improvements (Construction)	No	\$ 788,148	\$ 498,334		\$ 78,815		\$ 210,999
<b>2016 Annual Subtotals:</b>					<b>\$ 1,702,908</b>	<b>\$ 498,334</b>		<b>\$ 78,815</b>	<b>\$ 914,760</b>	<b>\$ 210,999</b>
17	\$ 150,000	4	Airport Access Road Relocation (Obstruction Mitigation)	No	\$ 991,530		State Only Funds		\$ 991,530	
		5	Small Scale Master Plan Update	No	\$ 150,000	\$ 135,000		\$ 15,000		
		6	Runway 18/36 Extension (1200' x 75') Phase I - Environmental Assessment	Yes	\$ 200,000	\$ 15,000		\$ 20,000		\$ 165,000
<b>2017 Annual Subtotals:</b>					<b>\$ 1,341,530</b>	<b>\$ 150,000</b>		<b>\$ 35,000</b>	<b>\$ 991,530</b>	<b>\$ 165,000</b>
18	\$ 150,000	7	Airport Parking Relocation (Obstruction Mitigation)	No	\$ 297,875		State Only Funds		\$ 297,875	
		8	Obstruction Mitigation (Trees) (East transition Surface)	No	\$ 101,000		State Only Funds		\$ 101,000	
		9	10 Unit T-Hangar Complex	No	\$ 600,000		State Only Funds		\$ 600,000	
		10	Runway 18/36 Extension (1200' x 75') Phase I - Design	Yes	\$ 210,000	\$ 189,000		\$ 21,000		\$ 39,000
<b>2018 Annual Subtotals:</b>					<b>\$ 1,208,875</b>	<b>\$ 189,000</b>		<b>\$ 21,000</b>	<b>\$ 998,875</b>	<b>\$ 39,000</b>
19	\$ 150,000	11	Runway 18/36 Extension (1200' x 75') Mitigation and Construction	Yes	\$ 3,520,873	\$ 150,000		\$ 352,087		\$ 3,018,786
		12	Box Hangar	No	\$ 600,000		State Only Funds		\$ 600,000	
		13	Beacon Relocation	No	\$ 66,950		State Only Funds		\$ 66,950	
		14	Design of Apron Extension	Yes	\$ 71,000		State Only Funds		\$ 71,000	
<b>2019 Annual Subtotals:</b>					<b>\$ 4,258,823</b>	<b>\$ 150,000</b>		<b>\$ 352,087</b>	<b>\$ 737,950</b>	<b>\$ 3,018,786</b>
20	\$ 150,000	15	Design and Construction of Full Parallel Taxiway	No	\$ 3,718,822	\$ 150,000		\$ 371,882		\$ 3,196,940
		16	Construction of Apron Extension	No	\$ 994,635		State Only Funds		\$ 994,635	
<b>2020 Annual Subtotals:</b>					<b>\$ 4,713,457</b>	<b>\$ 150,000</b>		<b>\$ 371,882</b>	<b>\$ 994,635</b>	<b>\$ 3,196,940</b>
<b>5 Year CIP Totals:</b>					<b>\$ 13,225,593</b>	<b>\$ 1,137,334</b>		<b>* \$ 858,784</b>	<b>\$ 4,637,750</b>	<b>\$ 6,630,725</b>



**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Rehabilitate Runway**

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
105	1	LS	MOBILIZATION	\$14,767.25	\$14,767.25
P-101-5.1	23,350	LF	JOINT AND CRACK REPAIR	\$2.00	\$46,700.00
P-608-8.1	27,740	SY	EMULSIFIED ASPHALT SEAL COAT	\$1.50	\$41,610.00
P-608-8.2	1	LS	RUNWAY AND HIGH SPEED TAXIWAY FRICTION TESTING	\$8,000.00	\$8,000.00
P-620-5.1-1	20,937	SF	RUNWAY AND TAXIWAY PAINTING REFLECTORIZED (PERMANENT)	\$1.00	\$20,937.00
P-620-5.1-2	21,187	SF	RUNWAY AND TAXIWAY PAINTING (TEMPORARY)	\$0.50	\$10,593.50
P-620-5.1-3	250	SF	RUNWAY AND TAXIWAY PAINTING NON-REFLECTORIZED (BLACK)	\$0.50	\$125.00
T-905-5.1	7,404	SY	SHOULDER REDRESSING	\$2.50	\$18,510.00

<b>Sub-Total Estimated Construction Cost</b>	<b>\$161,242.75</b>
<b>Construction Contingency (5%)</b>	<b>\$8,062.14</b>
<b>Total Estimated Construction Cost</b>	<b>\$169,304.89</b>

<b>Administrative</b>	<b>\$5,000.00</b>
<b>Engineering Fee (Bidding and Construction Services)</b>	<b>\$6,455.00</b>
<b>Resident Inspection</b>	<b>\$4,000.00</b>

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$184,759.89</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

St. Tammany Parish Government  
Box 628  
Covington, LA 70434

St. Tammany Regional Airport  
Land Acquisition West Side  
for Obstruction Mitigation

<i>Property Survey</i>	<i>Prior Project</i>
<i>Property Appraisal and Review Appraisal</i>	<i>Prior Project</i>
<i>Phase I Environmental</i>	<i>Prior Project</i>
<i>Acquisition Management</i>	<i>Prior Project</i>
<i>Legal Fees on Sale</i>	<i>\$12,000.00</i>
<i>Acquisition of Land (46 Acres)</i>	<i>\$598,000.00</i>
<i>Removal of Trees</i>	<i>\$120,000.00</i>

**TOTAL ESTIMATED PROJECT COST**

**\$730,000.00**

**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Airfield Lighting and NAVAIDS**  
**Improvements**

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
L-108-5.1	21,200	lin ft	Trenching	\$0.80	\$16,960.00
L-108-5.2	32,000	lin ft	#8 - 5KV CABLE L-824C, INSTALLED IN CONDUIT	\$1.10	\$35,200.00
L-108-5.3	10,000	lin ft	#6 BARE COPPER COUNTERPOISE WIRE, INSTALLED IN TRENCH INCLUDING GROUND RODS AND	\$1.10	\$11,000.00
L-109-5.1	1	lump sum	AIRPORT VAULT BUILDING, EQUIPMENT AND WORK, IN PLACE	\$60,000.00	\$60,000.00
L-109-5.1a	1	lump sum	SECURE, INSTALL, CONNECT AND PLACE IN SERVICE - NEW ELECTRICAL SERVICE AND GROUNDING GRID	\$40,000.00	\$40,000.00
L-109-5.1b	1	lump sum	PROVIDE AND INSTALL NEW 120V FEEDER, SWITCHES, WIRING, ETC. TO REFEED EXISTING	\$10,000.00	\$10,000.00
L-110-5.1	18,000	lin ft	ELECTRICAL CONDUIT 2" PVC SCH 40 WITH BENDS, FITTINGS, TERMINATIONS REQUIRED	\$12.00	\$216,000.00
L-110-5.3	150	lin ft	ELECTRICAL CONDUIT 4" PVC SCH 80 DIRECTIONAL DRILLED WITH BENDS, FITTINGS, TERMINATIONS	\$30.00	\$4,500.00
L-115-5.1	1	each	JUNCTION BOX TYPE I (QUAZITE)	\$6,000.00	\$6,000.00
L-125-5.1a	45	each	MEDIUM INTENSITY ELEVATED BASE MOUNTED TAXIWAY EDGE LIGHT (L-861T-Q BLUE LENS WITH 45 WATT QUARTZ LAMPS MOUNTED ON CAN BASE)	\$700.00	\$31,500.00
L-125-5.1b	16	each	MEDIUM INTENSITY ELEVATED BASE MOUNTED RUNWAY EDGE LIGHT (L-861Q CLEAR /CLEAR OR CLEAR/AMBER W /45 WATT QUARTZ LAMPS	\$750.00	\$12,000.00
L-125-5.1c	8	each	MEDIUM INTENSITY ELEVATED BASE MOUNTED RUNWAY THRESHOLD LIGHT (L-861 RED/GREEN LENS WITH 45 WATT QUARTZ LAMPS) ALL IN PLACE	\$700.00	\$5,600.00
L-125-5.1e	4	each	SIGNS BASE MOUNTED L-858 WITH SIGN LEGENDS PER DRAWINGS	\$4,000.00	\$16,000.00
L-125-5.1f	2	set	PRECISION APPROACH PATH INDICATOR (PAPI-2)(3 LAMP) ALL IN PLACE	\$13,000.00	\$26,000.00
L-125-5.1g	2	set	RUNWAY END IDENTIFIER LIGHTS (REIL) L-849 LED, ALL IN PLACE	\$16,000.00	\$32,000.00
L-125-5.1i	40	each	REMOVAL OF EXISTING STAKE MOUNTED RUNWAY, TAXIWAY AND THRESHOLD LIGHTS	\$100.00	\$4,000.00
S-1001	86	each	MAINTENANCE PAD REMOVAL	\$1,000.00	\$86,000.00
S-1004		lump sum	MOBILIZATION	\$30,000.00	\$30,000.00
S-1005		lump sum	DISCONNECT AND REMOVE POWER FEED TO EXISTING PANEL	\$1,000.00	\$1,000.00
S-1006		lump sum	SITE GRADING FOR PAPI INSTALLATION	\$4,000.00	\$4,000.00

**Sub-Total Estimated Construction Cost** \$647,760.00  
**Construction Contingency (5%)** \$32,388.00  
**Total Estimated Construction Cost** \$680,148.00

**Administrative** \$3,000.00  
**Engineering Fee** \$60,000.00  
**Resident Inspection** \$40,000.00  
**Testing** \$5,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$788,148.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Airport Access Road Relocation**  
**(Obstruction Mitigation)**

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
1	4	ACRE	Grubbing	\$8,000.00	\$32,000.00
2	6,000	C.Y.	Unclassified Excavation	\$10.00	\$60,000.00
3	500	C.Y.	Muck Excavation	\$13.00	\$6,500.00
4	7,000	C.Y.	Embankment	\$16.00	\$112,000.00
5	8,000	S.Y.	Lime Treated Subgrade	\$5.00	\$40,000.00
6	80	TON	Lime	\$200.00	\$16,000.00
7	6	EACH	Temporary Bailed Hay Sediment Check Dam	\$250.00	\$1,500.00
8	6,000	L.F.	Temporary Silt Fencing	\$3.00	\$18,000.00
9	8,000	S.Y.	Crushed Aggregate Class II Base Course (12" Thick)	\$30.00	\$240,000.00
10	750	TON	Asphalt	\$120.00	\$90,000.00
11	3.5	ACRE	Hydro seeding	\$2,000.00	\$7,000.00
12	8,000	S.Y.	Geotextile Fabric	\$2.50	\$20,000.00
13	1	Lump Sum	Mobilization	\$64,300.00	\$64,300.00
14	1	Lump Sum	Drainage Structures	\$30,000.00	\$30,000.00

*Sub-Total Estimated Construction Cost* \$737,300.00  
*Construction Contingency (10%)* \$73,730.00  
**Total Estimated Construction Cost** **\$811,030.00**

*Administrative* \$5,000.00  
*Engineering Fee* \$76,500.00  
*Survey* \$25,000.00  
*Resident Inspection* \$50,000.00  
*Geotechnical Investigations* \$12,000.00  
*Materials Testing* \$12,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$991,530.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

St. Tammany Parish Government

Box 628  
Covington, LA 70434

St. Tammany Regional Airport

Airport Parking Lot & Airport  
Access Road Removal  
(Obstruction Mitigation)

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
1	8	ACRE	Grubbing	\$4,000.00	\$32,000.00
2	6,500	SY	Pavement Removal	\$8.00	\$52,000.00
3	750	C.Y.	Unclassified Excavation	\$10.00	\$7,500.00
4	500	C.Y.	Muck Excavation	\$13.00	\$6,500.00
5	750	C.Y.	Embankment	\$16.00	\$12,000.00
7	1,500	S.Y.	Lime Treated Subgrade	\$5.00	\$7,500.00
8	15	TON	Lime	\$200.00	\$3,000.00
9	6	EACH	Temporary Bailed Hay Sediment Check Dam	\$250.00	\$1,500.00
10	1,000	L.F.	Temporary Silt Fencing	\$3.00	\$3,000.00
11	1,500	S.Y.	Crushed Aggregate Class II Base Course (12" Thick)	\$30.00	\$45,000.00
12	100	TON	Asphalt	\$120.00	\$12,000.00
13	0.5	ACRE	Hydro seeding	\$2,000.00	\$1,000.00
14	1,500	S.Y.	Geotextile Fabric	\$3.00	\$4,500.00
15	1	Lump Sum	Mobilization	\$18,750.00	\$18,750.00

*Sub-Total Estimated Construction Cost* \$206,250.00  
*Construction Contingency (10%)* \$20,625.00  
***Total Estimated Construction Cost*** **\$226,875.00**

*Administrative* \$5,000.00  
*Engineering Fee* \$24,000.00  
*Survey* \$15,000.00  
*Resident Inspection* \$15,000.00  
*Materials Testing* \$12,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$297,875.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Runway 18/36 Extension**  
**(1200'x75')**

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-151-4.3	21	ACRE	Grubbing	\$6,000.00	\$126,000.00
P-152-4.1	25,000	C.Y.	Unclassified Excavation	\$10.00	\$250,000.00
P-152-4.3	4,500	C.Y.	Muck Excavation	\$13.00	\$58,500.00
P-152-4.5	50,000	C.Y.	Borrow Excavation	\$12.00	\$600,000.00
P-154-5.1	3,450	C.Y.	Subbase Course	\$35.00	\$120,750.00
P-155-8.1	10,300	S.Y.	Lime Treated Subgrade	\$5.00	\$51,500.00
P-155-8.2	114	TON	Lime	\$200.00	\$22,800.00
P-156-5.1	12	ACRE	Temporary Seeding	\$1,000.00	\$12,000.00
P-156-5.3	12	EACH	Temporary Bailed Hay Sediment Check Dam	\$250.00	\$3,000.00
P-156-5.4	2,700	L.F.	Temporary Silt Fencing	\$3.00	\$8,100.00
P-209-5.1	10,300	S.Y.	Crushed Aggregate Base Course (10" Thick)	\$28.00	\$288,400.00
P-401-8.1a	2,300	TON	Bituminous Surface Course	\$140.00	\$322,000.00
P-602-5.1	3,900	GAL.	Bituminous Prime Coat	\$5.00	\$19,500.00
P-603-5.1	1,000	GAL.	Bituminous Tack Coat	\$5.00	\$5,000.00
P-620-5.1-1	12,000	S.F.	Runway and Taxiway Painting	\$1.50	\$18,000.00
P-620-5.1-2	1,020	POUND	Reflective Media	\$4.00	\$4,080.00
T-901-5.1	24.0	ACRE	Hydo seeding	\$1,800.00	\$43,200.00
D-751	1.0	Lump Sum	Drainage Structures	\$60,000.00	\$60,000.00
L-108-5.3a	7,000	L.F.	Underground Cable #8 AWG 5 KV, installed in duct or conduit	\$1.35	\$9,450.00
L-108-5.3b	200	L.F.	Underground Cable 2 Conductor #14 AG Twisted Pair with ground, installed in duct or conduit	\$0.85	\$170.00
L-108-5.4	3,000	L.F.	Bare Counterpoise Wire, installed in trench, including ground rods and connectors	\$4.00	\$12,000.00
L-110-5.1	4,700	L.F.	Conduit 2" SCH 40 PVC, Direct buried	\$5.50	\$25,850.00
L-110-5.4	4	EACH	Type I Quazite Junction Box	\$1,500.00	\$6,000.00
L-110-5.5	4	EACH	Type II L-867D Junction Box	\$1,000.00	\$4,000.00
L-125-5.1b	14	EACH	Medium Intensity Elevated Base Mounted Runway Edge Light (L-861-Q with 45 watt quartz lamp)	\$1,700.00	\$23,800.00
L-125-5.1c	8	EACH	Medium Intensity Elevated Base Mounted Runway Threshold Light (L-861-Q with 45 watt quartz lamp)	\$1,500.00	\$12,000.00
L-125-5.1d	2	EACH	Relocate Precision Approach Path Indicator (PAPI -2) with Concrete Pad	\$8,000.00	\$16,000.00
L-125-5.1e	2	EACH	Relocate Runway End Identifier Lights (REILS) with Concrete Pad	\$4,000.00	\$8,000.00
L-125-5.1f	8	EACH	Removal of base mounted lighting fixtures and concrete pads	\$200.00	\$1,600.00
S-1001	10,300	S.Y.	Geotextile Fabric	\$2.50	\$25,750.00
S-1002	700	L.F.	Construction Haul Road	\$70.00	\$49,000.00
S-1003	1	Lump Sum	Mobilization	\$221,725.00	\$221,725.00
S-1004	4	Each	Splice and Remove or Reconnect 2" Conduit	\$700.00	\$2,800.00
S-1005	1	Lump Sum	Temporary Runway Painting	\$8,000.00	\$8,000.00

**Sub-Total Estimated Construction Cost**  
**Construction Contingency (10%)**  
**Total Estimated Construction Cost**

**\$2,438,975.00**  
**\$243,897.50**  
**\$2,682,872.50**

**SUMMARY OF ESTIMATED PROJECT COST**

St. Tammany Parish Government  
Box 628  
Covington, LA 70434

St. Tammany Regional Airport  
Runway 18/36 Extension  
(1200'x75')

<i>Administrative</i>	<i>\$11,000.00</i>
<i>Environmental Assessment and Permitting</i>	<i>\$200,000.00</i>
<i>Engineering Fee</i>	<i>\$210,000.00</i>
<i>Resident Inspection</i>	<i>\$80,000.00</i>
<i>Geotechnical Investigations</i>	<i>\$12,000.00</i>
<i>Materials Testing</i>	<i>\$25,000.00</i>
<i>Wetlands Mitigation</i>	<i>\$300,000.00</i>

**TOTAL ESTIMATED PROJECT COST**

**\$3,520,872.50**

DRAFT

**SUMMARY OF ESTIMATED PROJECT COST**

St. Tammany Parish Government  
Box 628  
Covington, LA 70434

St. Tammany Regional Airport  
Removal of Obstructions  
(Trees) East Transition Zone

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<i>Removal of Trees (8 Acres)</i>	<i>\$24,000.00</i>
<i>Survey</i>	<i>\$5,000.00</i>
<i>Environmental Coordination</i>	<i>\$7,000.00</i>
<i>Engineering and Construction Administration</i>	<i>\$9,000.00</i>
<i>Administrative</i>	<i>\$5,000.00</i>

**TOTAL ESTIMATED PROJECT COST**

**\$50,000.00**

DRAFT



**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
P.O. Box 628  
Covington, LA 70434

**St. Tammany Regional Airport**  
Beacon Relocation

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
1	1	Lump Sum	Construction of a new Beacon, removal of existing Beacon, electrical, grading and miscellaneous work.	\$45,000.00	\$45,000.00
2	1	Lump Sum	Mobilization	\$4,500.00	\$4,500.00

<i>Sub-Total Estimated Construction Cost</i>	<i>\$49,500.00</i>
<i>Construction Contingency (10%)</i>	<i>\$4,950.00</i>
<i>Total Estimated Construction Cost</i>	<i>\$54,450.00</i>
<i>Administrative</i>	<i>\$3,000.00</i>
<i>Engineering Fee</i>	<i>\$6,500.00</i>
<i>Resident Inspection</i>	<i>\$3,000.00</i>

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$66,950.00</b>
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DRAFT

**SUMMARY OF ESTIMATED PROJECT COST**

St. Tammany Parish Government  
P.O. Box 628  
Covington, LA 70434

St. Tammany Regional Airport  
10 Unit T-Hangar

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
1	1	Lump Sum	Construction of a new 10 Unit T-hanger Building (11,781 SF), post tension concrete foundation, electrical, mechanical, lighting, grading and miscellaneous work.	\$470,000.00	\$470,000.00
2	1	Lump Sum	Mobilization	\$15,000.00	\$15,000.00

*Sub-Total Estimated Construction Cost* \$485,000.00  
*Construction Contingency (10%)* \$48,500.00  
*Total Estimated Construction Cost* \$533,500.00

*Administrative* \$2,500.00  
*Engineering Fee* \$52,000.00  
*Resident Inspection* \$7,000.00  
*Testing* \$5,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$600,000.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
P.O. Box 628  
Covington, LA 70434

**St. Tammany Regional Airport**  
Box Hangar

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
1	1	Lump Sum	Construction of a new Box hanger Building (12,000 SF), post tension concrete foundation, electrical, mechanical, lighting, grading and miscellaneous work.	\$470,000.00	\$470,000.00
2	1	Lump Sum	Mobilization	\$15,000.00	\$15,000.00

*Sub-Total Estimated Construction Cost* \$485,000.00  
*Construction Contingency (10%)* \$48,500.00  
*Total Estimated Construction Cost* \$533,500.00

*Administrative* \$2,500.00  
*Engineering Fee* \$52,000.00  
*Resident Inspection* \$7,000.00  
*Testing* \$5,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$600,000.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Apron Extension**

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-151-4.3	3	ACRE	Clearing and Grubbing	\$2,000.00	\$6,000.00
P-152-4.1	7,000	C.Y.	Unclassified Excavation	\$10.00	\$70,000.00
P-152-4.3	4,000	C.Y.	Muck Excavation	\$13.00	\$52,000.00
P-154-5.1	4,000	C.Y.	Subbase Course	\$35.00	\$140,000.00
P-155-8.1	11,000	S.Y.	Lime Treated Subgrade	\$5.00	\$55,000.00
P-155-8.2	110	TON	Lime	\$200.00	\$22,000.00
P-156-5.3	4	EACH	Temporary Bailed Hay Sediment Check Dam	\$250.00	\$1,000.00
P-156-5.4	1,500	L.F.	Temporary Silt Fencing	\$3.00	\$4,500.00
P-209-5.1	11,000	S.Y.	Crushed Aggregate Base Course (6" Thick)	\$24.00	\$264,000.00
P-401-8.1a	400	TON	Bituminous Surface Course	\$140.00	\$56,000.00
P-602-5.1	5,500	GAL.	Bituminous Prime Coat	\$5.00	\$27,500.00
P-603-5.1	1,100	GAL.	Bituminous Tack Coat	\$5.00	\$5,500.00
	5,000	S.Y.	Grading	\$2.00	\$10,000.00
S-1001	12,000	S.Y.	Geotextile Fabric	\$2.50	\$30,000.00
S-1003	1	Lump Sum	Mobilization	\$74,350.00	\$74,350.00

**Sub-Total Estimated Construction Cost** **\$817,850.00**  
**Construction Contingency (10%)** **\$81,785.00**  
**Total Estimated Construction Cost** **\$899,635.00**

**Administrative** **\$5,000.00**  
**Engineering Fee** **\$84,000.00**  
**Survey** **\$25,000.00**  
**Resident Inspection** **\$40,000.00**  
**Materials Testing** **\$12,000.00**

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$1,065,635.00</b>
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**SUMMARY OF ESTIMATED PROJECT COST**

**St. Tammany Parish Government**  
**Box 628**  
**Covington, LA 70434**

**St. Tammany Regional Airport**  
**Full Parallel Taxiway**

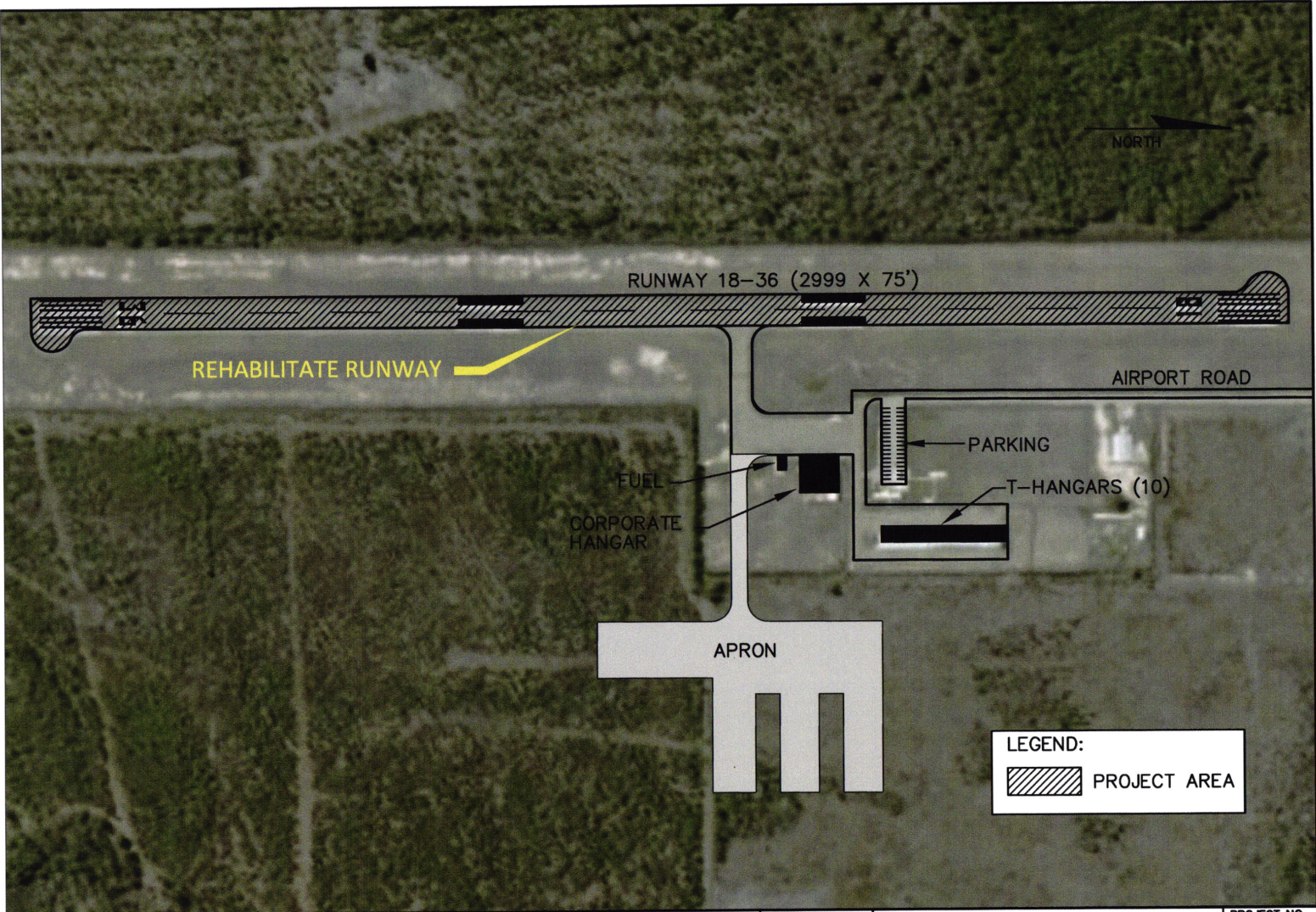
REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-151-4.3	21	ACRE	Clearing and Grubbing	\$6,000.00	\$126,000.00
P-152-4.1	15,000	C.Y.	Unclassified Excavation	\$10.00	\$150,000.00
P-152-4.3	4,500	C.Y.	Muck Excavation	\$13.00	\$58,500.00
P-152-4.5	30,000	C.Y.	Borrow Excavation	\$12.00	\$360,000.00
P-154-5.1	7,400	C.Y.	Subbase Course	\$35.00	\$259,000.00
P-155-8.1	22,000	S.Y.	Lime Treated Subgrade	\$5.00	\$110,000.00
P-155-8.2	230	TON	Lime	\$200.00	\$46,000.00
P-156-5.1	6	ACRE	Temporary Seeding	\$1,000.00	\$6,000.00
P-156-5.3	6	EACH	Temporary Bailed Hay Sediment Check Dam	\$250.00	\$1,500.00
P-156-5.4	5,400	L.F.	Temporary Silt Fencing	\$3.00	\$16,200.00
P-209-5.1	22,200	S.Y.	Crushed Aggregate Base Course (10" Thick)	\$28.00	\$621,600.00
P-401-8.1a	4,830	TON	Bituminous Surface Course	\$140.00	\$676,200.00
P-602-5.1	8,190	GAL.	Bituminous Prime Coat	\$5.00	\$40,950.00
P-603-5.1	2,100	GAL.	Bituminous Tack Coat	\$5.00	\$10,500.00
P-620-5.1-1	3,500	S.F.	Runway and Taxiway Painting	\$1.50	\$5,250.00
P-620-5.1-2	250	POUND	Reflective Media	\$4.00	\$1,000.00
T-901-5.1	15.0	ACRE	Hydo seeding	\$1,800.00	\$27,000.00
D-751	1.0	Lump Sum	Drainage Structures	\$15,000.00	\$15,000.00
L-125	1	Lump Sum	Lighting	\$12,000.00	\$12,000.00
S-1001	22,200	S.Y.	Geotextile Fabric	\$2.50	\$55,500.00
S-1003		Lump Sum	Mobilization	\$259,820.00	\$259,820.00

**Sub-Total Estimated Construction Cost** \$2,858,020.00  
**Construction Contingency (10%)** \$285,802.00  
**Total Estimated Construction Cost** \$3,143,822.00

**Administrative** \$11,000.00  
**Engineering Fee** \$267,000.00  
**Survey** \$90,000.00  
**Resident Inspection** \$80,000.00  
**Geotechnical Investigations** \$12,000.00  
**Materials Testing** \$30,000.00

**Wetlands Mitigation** \$150,000.00

<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$3,783,822.00</b>
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ST. TAMMANY REGIONAL  
AIRPORT (L31)

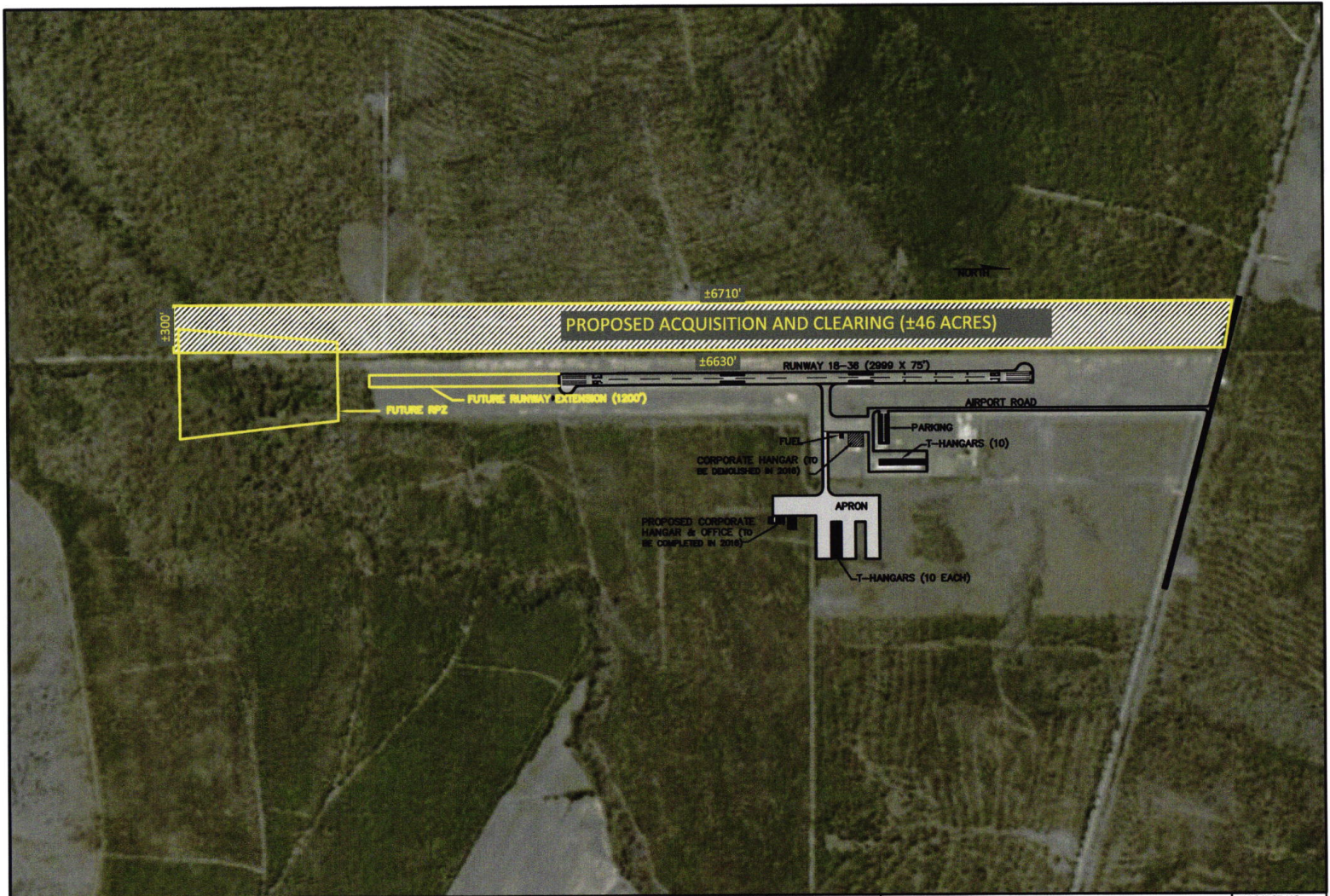
REHABILITATE RUNWAY  
(FY 2016)

SCALE:  
1" = 300'

DATE:  
SEPTEMBER 2015

**VOLKERT**  
3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809  
Phone: 225.218-9440 • Fax: 225.218-9471

PROJECT NO.  
EXHIBIT NO.  
1



ST. TAMMANY REGIONAL  
AIRPORT (L31)

LAND ACQUISITION FOR  
OBSTRUCTION MITIGATION  
WEST TRANSITION SURFACE

SCALE:  
1" = 800'

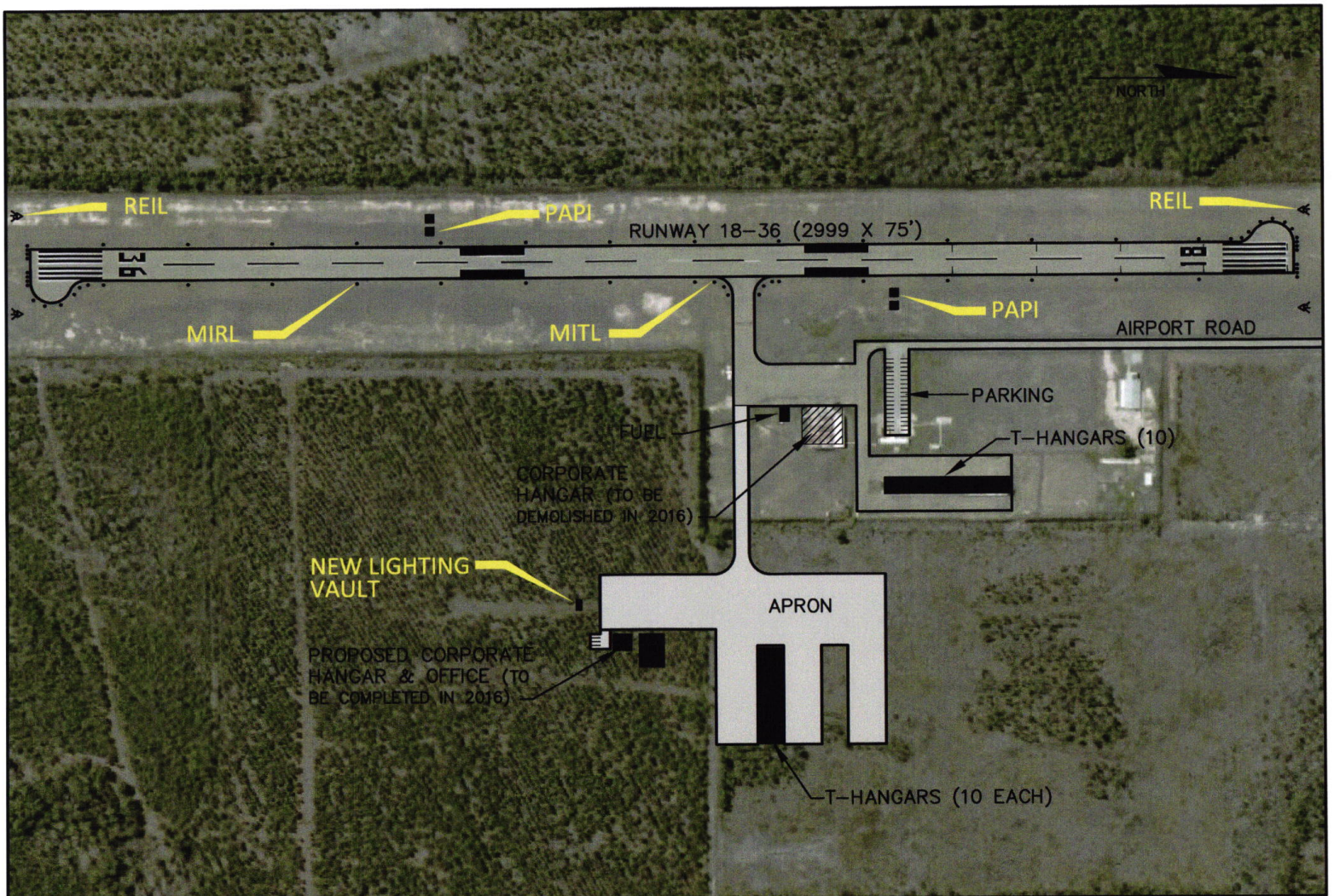
DATE:  
SEPTEMBER 2015

**VOLKERT**

3466 Druetilla Ln., Ste. A • Baton Rouge, LA 70809  
Phone: 225.218-9440 • Fax: 225.218-9471

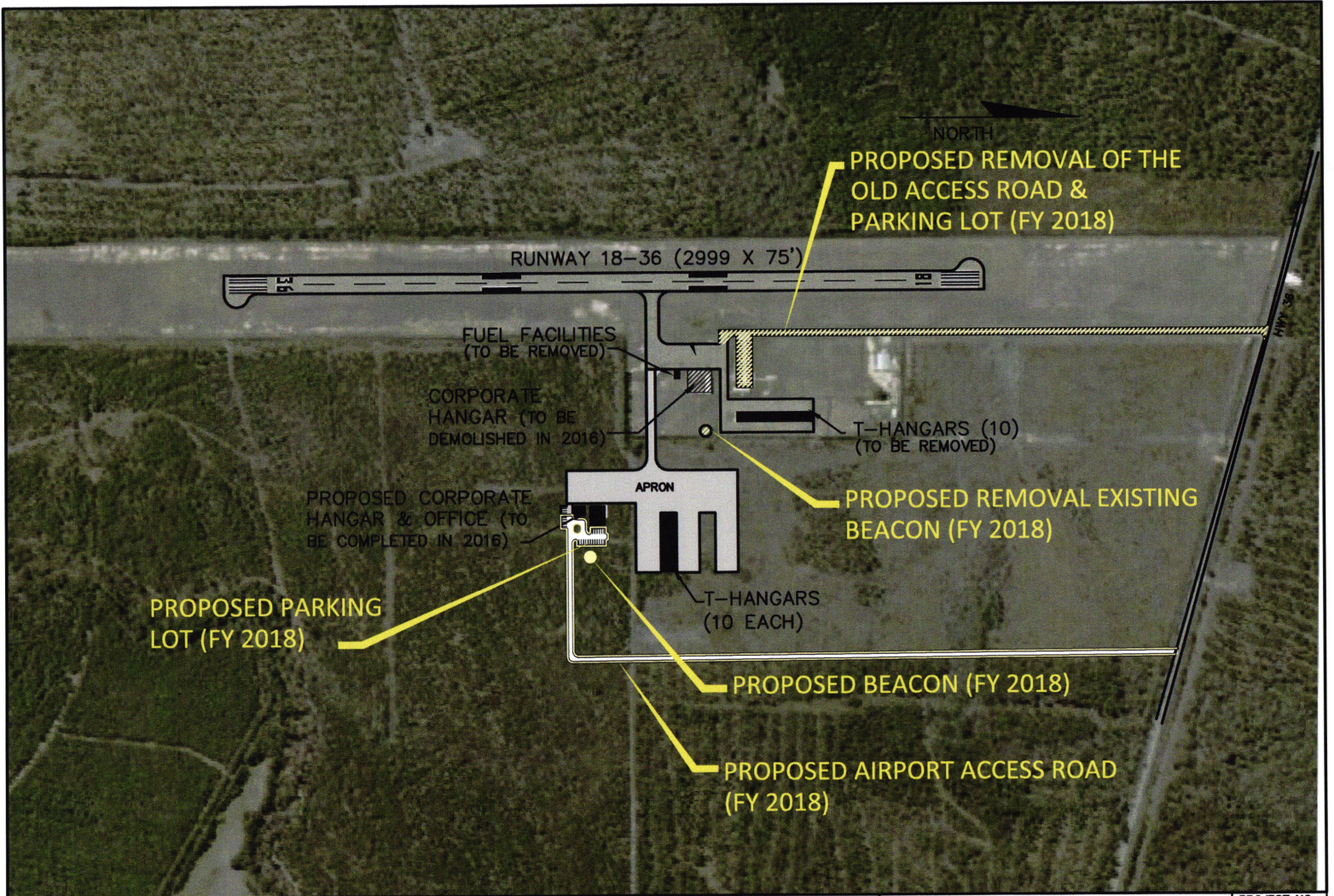
PROJECT NO.

EXHIBIT NO.  
2

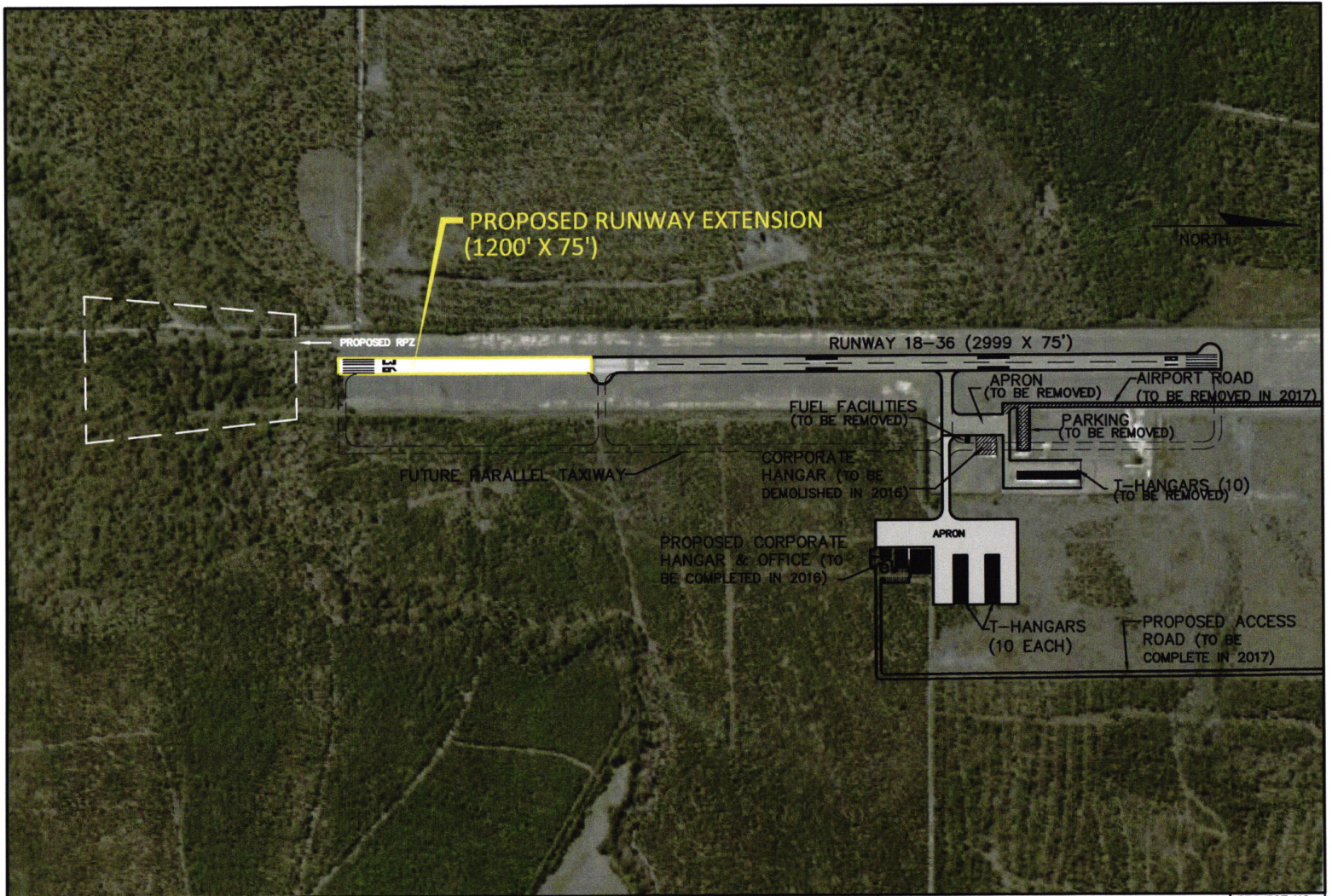


ST. TAMMANY REGIONAL AIRPORT (L31)	AIRFIELD LIGHTING AND NAVAIDS IMPROVEMENTS (FY 2016)	SCALE: 1" = 300'	<b>VOLKERT</b> <small>3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809          Phone: 225.218-9440 • Fax: 225.218-9471</small>	PROJECT NO.
		DATE: SEPTEMBER 2015		EXHIBIT NO. 3

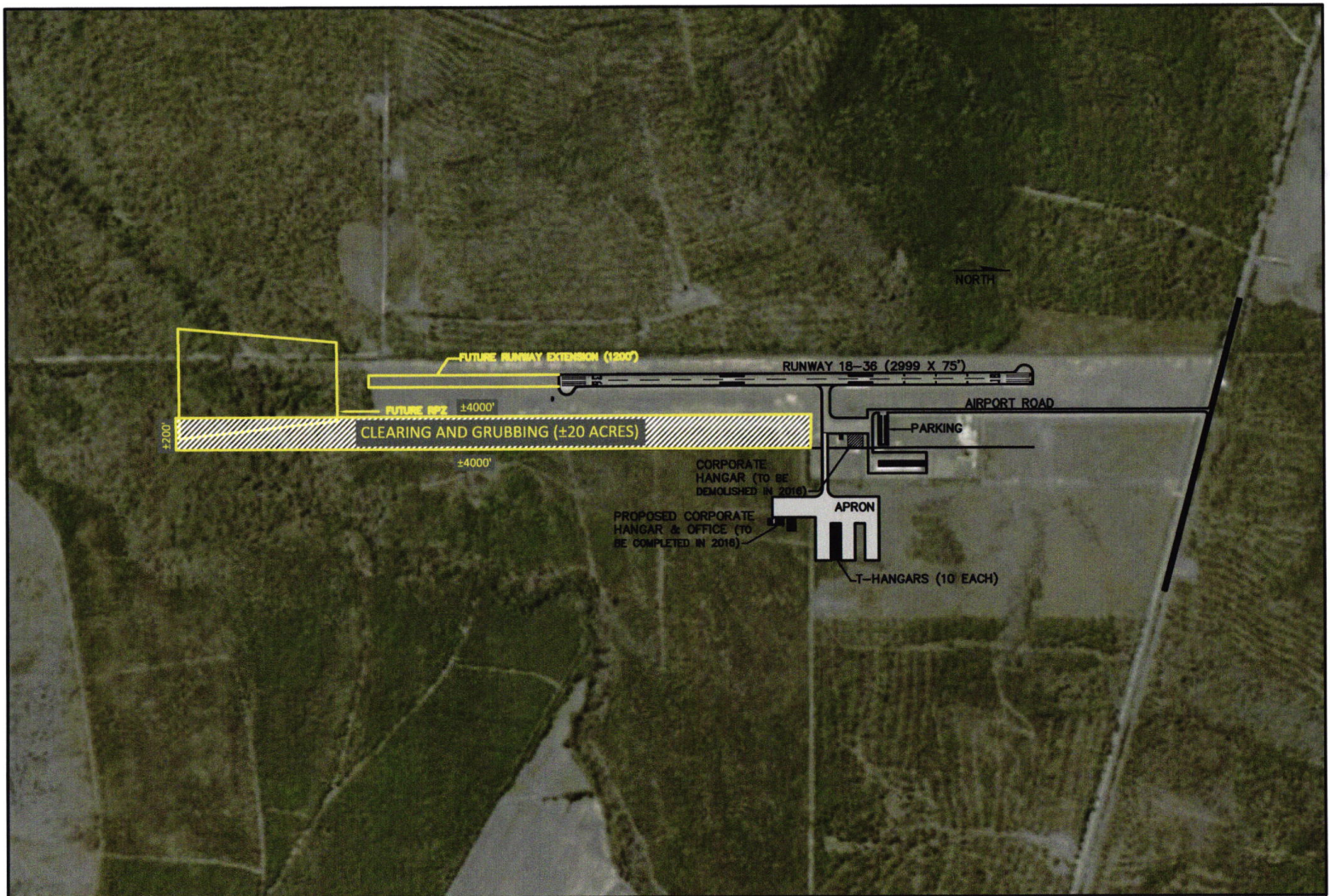




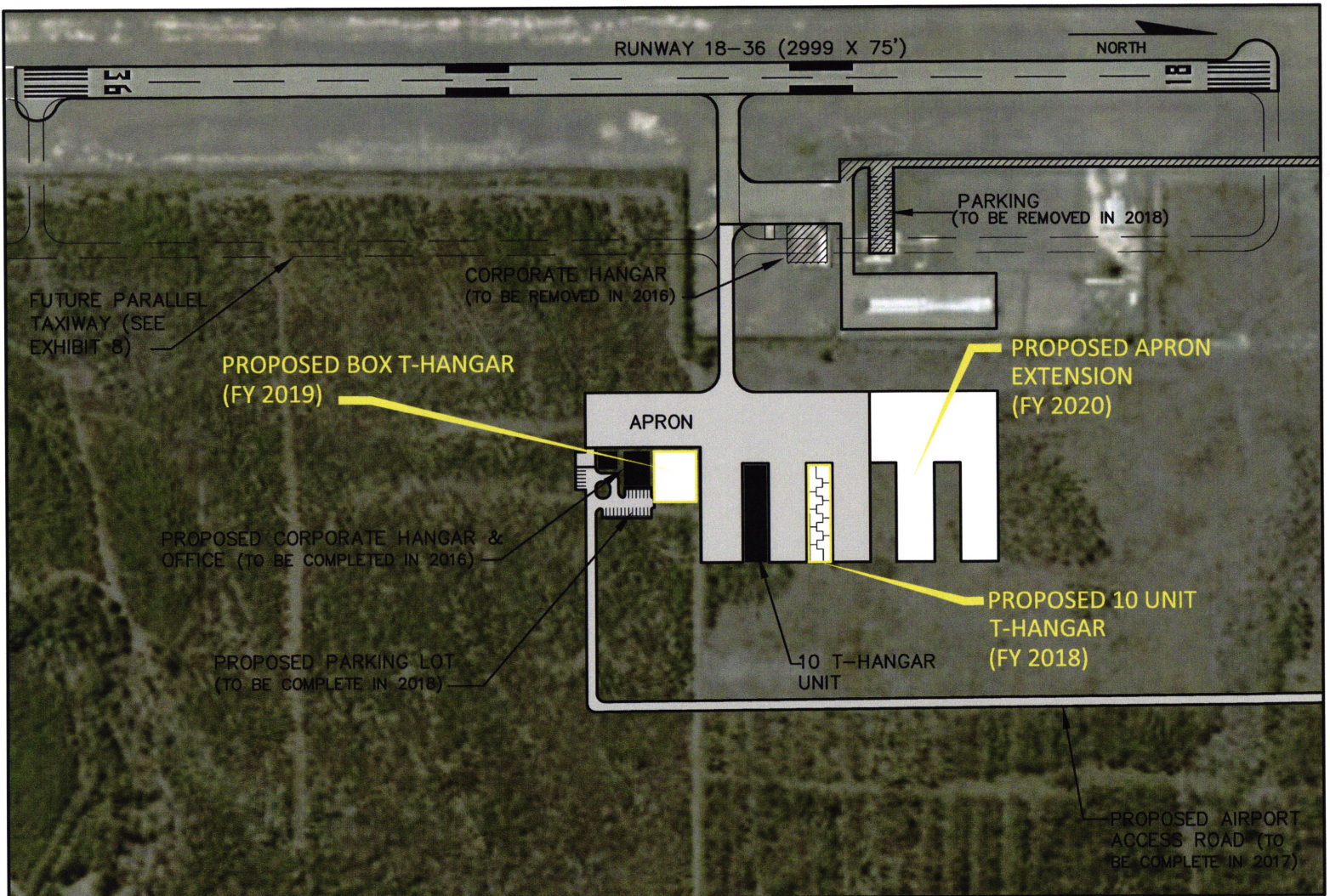
<b>ST. TAMMANY REGIONAL AIRPORT (L31)</b>	<b>AIRPORT ACCESS ROAD &amp; PARKING LOT (FY 2017-2018)</b>	<b>SCALE:</b> 1" = 500'	<b>VOLKERT</b> <small>3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809          Phone: 225.218-9440 • Fax: 225.218-9471</small>	<b>PROJECT NO.</b>
		<b>DATE:</b> SEPTEMBER 2015		<b>EXHIBIT NO.</b> 4



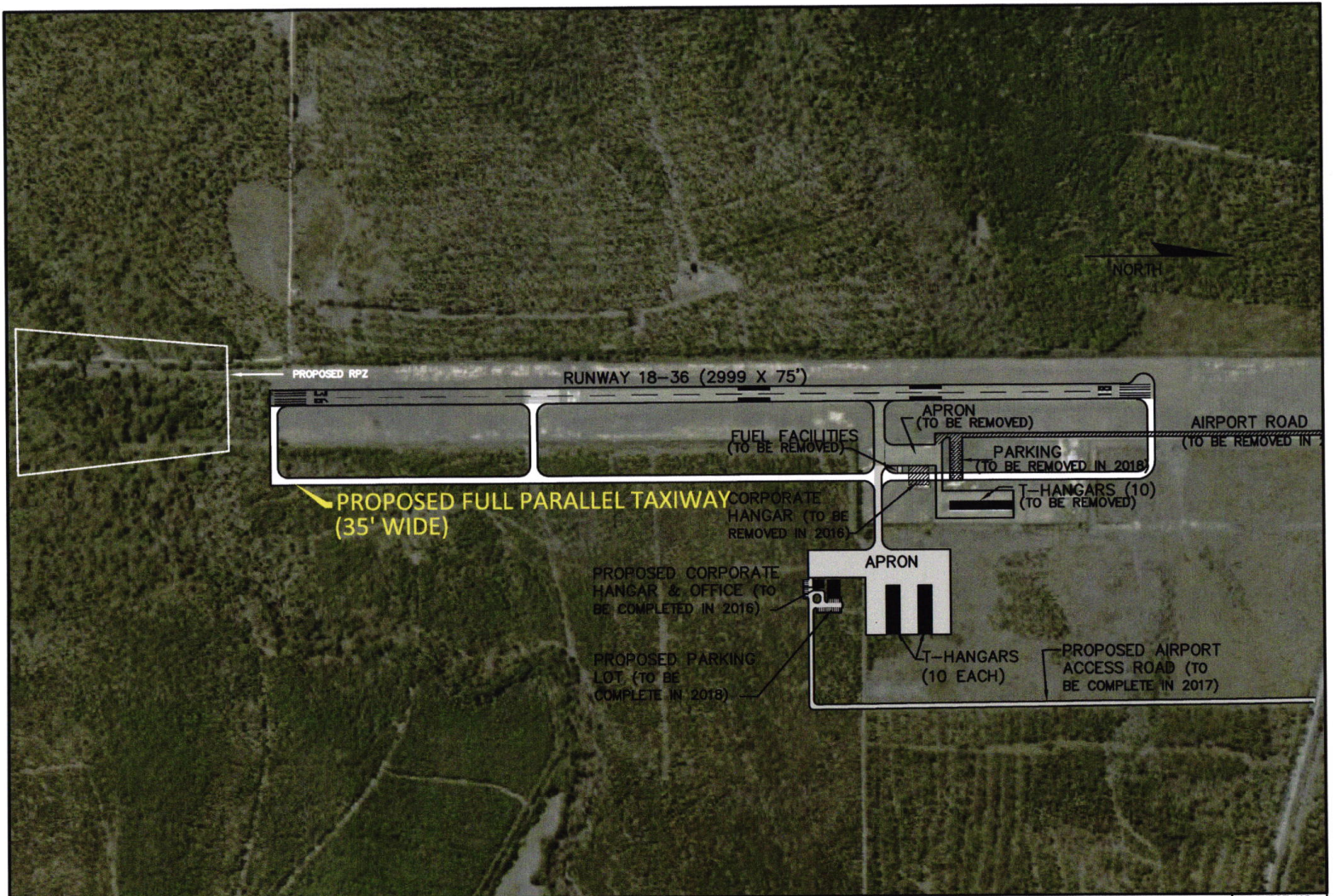
<p>ST. TAMMANY REGIONAL AIRPORT (L31)</p>	<p>RUNWAY 18-36 EXTENSION (1200' X 75') (FY 2017-2019)</p>	<p>SCALE: 1" = 600'</p> <p>DATE: OCTOBER 2015</p>	<p><b>VOLKERT</b> 3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809 Phone: 225.218-9440 • Fax: 225.218-9471</p>	<p>PROJECT NO.  EXHIBIT NO. 5</p>
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<b>ST. TAMMANY REGIONAL AIRPORT (L31)</b>	<b>LAND ACQUISITION FOR OBSTRUCTION MITIGATION EAST TRANSITION SURFACE</b>	SCALE: 1" = 800'	<b>VOLKERT</b> <small>3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809          Phone: 225.218-9440 • Fax: 225.218-9471</small>	PROJECT NO.
		DATE: SEPTEMBER 2015		EXHIBIT NO. <b>6</b>



<p>ST. TAMMANY REGIONAL AIRPORT (L31)</p>	<p>10 UNIT T-HANGAR, BOX HANGAR, &amp; APRON EXTENSION (FY 2018- 2020)</p>	<p>SCALE: 1" = 300'</p> <p>DATE: SEPTEMBER 2015</p>	<p><b>VOLKERT</b> 3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809 Phone: 225.218-9440 • Fax: 225.218-9471</p>	<p>PROJECT NO.  EXHIBIT NO. 7</p>
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ST. TAMMANY REGIONAL AIRPORT (L31)	FULL PARALLEL TAXIWAY (FY 2020)	SCALE: 1" = 600'	<b>VOLKERT</b> 3466 Drusilla Ln., Ste. A • Baton Rouge, LA 70809 Phone: 225.218-9440 • Fax: 225.218-9471	PROJECT NO.
		DATE: OCTOBER 2015		EXHIBIT NO. 8