

ST. TAMMANY PARISH COUNCIL

RESOLUTION

RESOLUTION COUNCIL SERIES NO: C-5096

COUNCIL SPONSOR: BLANCHARD

PROVIDED BY: GRANTS

RESOLUTION SUPPORTING AND AUTHORIZING THE PARISH PRESIDENT TO FORMALLY REQUEST THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT, 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, 2018.

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, the 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 that 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, 2018.

SECTION II that 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 that 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 IV that 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 that this resolution shall be in full force and effect from and after its adoption.

THE PARISH OF ST. TAMMANY HEREBY RESOLVES that

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 4 DAY OF OCTOBER, 2018, AT A REGULAR MEETING OF THE PARISH COUNCIL, A QUORUM OF THE MEMBERS BEING PRESENT AND VOTING.

S. MICHELE BLANCHARD, COUNCIL CHAIRMAN

ATTEST:

THERESA L. FORD, COUNCIL CLERK

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) 2019-2024 for the St. Tammany Regional Airport.



CAPITAL IMPROVEMENT PLAN
FY2019-2024

ST. TAMMANY REGIONAL AIRPORT


SPONSOR:
ST. TAMMANY PARISH GOVERNMENT

OCTOBER 2018

PREPARED BY:



7967 Office Park Blvd.
Baton Rouge, LA 70809



St. Tammany Regional Airport

Elements of CIP 2019 – 2024

FY Year 2019

1. **Land Acquisition/ Removal of Trees (Obstruction Mitigation)- Phase I - Professional Services:** The transition surface is being penetrated on the northwest and southwest sides by trees. It is necessary to acquire this land in order to mitigate this hazard and for the future installation of the PAPIs. The professional services are detailed in the cost estimate.
2. **Airport Access Road Relocation (Obstruction Mitigation)- Phase II -Construction:** 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 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.

FY Year 2020

1. **Rehabilitate Runway – Phase I - Design and Environmental:** The existing Runway surface is showing extreme signs of cracking, deterioration, crown and grade deficiencies, and ponding. This project consists of the design of a 3” mill and overlay of the existing runway and removal and replacement of the old portion of the taxiway.
2. **Land Acquisition/ Removal of Trees (Obstruction Mitigation)- Phase II - Acquisition and Removal of Northwest trees:** 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 PAPI installation in the future.
3. **Land Acquisition for Removal of Trees (Obstruction Mitigation)- Phase III - Acquisition and Removal of Southwest trees:** 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 PAPI installation in the future.

FY Year 2021

1. **Rehabilitate Runway - Phase II - Construction:** The existing Runway surface is showing extreme signs of cracking, deterioration, crown and grade deficiencies, and ponding. This project consists of the construction of a 3” mill and overlay of the existing runway and removal and replacement of the old portion of the taxiway.
2. **Tree Removal (East):** Several acres of trees need to be removed so that PAPI’s can be installed and for the eastern side of the runway to be cleared of any obstructions.

FY Year 2022

1. **PAPI Construction:** This includes the installation of PAPIs which are needed to complete the NAVAIDS enhancement at the airport.
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 400' x 400' and consist of a flexible pavement section.
3. **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 2023

1. **Runway 18/36 Extension - 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.
2. **Apron Extension - Phase II - 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 400' x 400' and consist of a flexible pavement section.

FY Year 2024

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 4,000ft. 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 design and mitigation of wetlands.
2. **T-Hangars:** This project will provide for the construction of a 10-unit T-Hangar adjacent 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.

6 Year Capital Improvement Plan (CIP)

St. Tammany Regional Airport (L31), Abita Springs, LA				CIP START YEAR: 2019				
2016 Entitlement Balance (Expires FY19) 2017 Entitlement Balance (Expires FY20) 2018 Entitlement Balance (Expires FY21) \$150,000 2019 Entitlement (for planning purposes through 2024)				Instructions 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 Submit CIP to the ADO as a PDF file dated with signature.				
Fed FY	Entitlement Available	Funding Source	ODO Project Component/Phase	Estimated Cost	Funding Plan			
					Entitlement	Additional AIP	Other	Match
2019	\$150,000	State	Land Acquisition/Removal of Trees (Obstruction Mitigation) - Phase I - Professional Services	\$117,000				\$117,000
		State	Airport Access Road (Obstruction Mitigation) - Phase II - Construction	\$880,472				\$880,472
	\$150,000	Remaining Funds	2019 Annual Subtotals:	\$997,472				\$997,472
2020	\$300,000	AIP	Rehabilitate Runway - Phase I - Environmental and Design	\$175,500	\$157,950			\$17,550
		State	Land Acquisition/Removal of Trees (Obstruction Mitigation) - Phase II - Acquisition and Removal of Northwest trees	\$395,000				\$395,000
		State	Land Acquisition/Removal of Trees (Obstruction Mitigation) - Phase III - Acquisition and Removal of Southwest trees	\$495,000				\$495,000
	\$142,050	Remaining Funds	2020 Annual Subtotals:	\$1,065,500	\$157,950			\$907,550
2021	\$292,050	AIP	Rehabilitate Runway - Phase II - Construction	\$1,564,828	\$292,050	\$1,116,295		\$156,483
		State	Tree removal (East)	\$85,000				\$85,000
		Remaining Funds	2021 Annual Subtotals:	\$1,649,828	\$292,050	\$1,116,295		\$241,483
2022	\$150,000	AIP	PAPI Construction	\$113,060	\$101,754			\$11,306
		State	Apron Extension - Phase I - Environmental and Design	\$146,000				\$146,000
		State	Box Hangar	\$865,000				\$865,000
	\$48,246	Remaining Funds	2022 Annual Subtotals:	\$1,124,060	\$101,754			\$1,022,306
2023	\$198,246	AIP	Runway 18/36 Extension - Phase I- Environmental	\$200,000	\$180,000			\$20,000
		State	Apron Extension - Phase II - Construction	\$1,149,594				\$1,149,594
	\$18,246	Remaining Funds	2023 Annual Subtotals:	\$ 1,349,594	\$ 180,000			\$ 1,169,594
2024	\$168,246	AIP	Runway 18/36 Extension - Phase II- Design and Mitigation	\$580,000	\$168,246	\$353,754		\$58,000
		State	T-Hangars	\$780,000				\$780,000
		Remaining Funds	2024 Annual Subtotals:	\$ 1,360,000	\$ 168,246	\$ 353,754		\$ 838,000
6 Year CIP Totals:				\$7,546,453	\$900,000	\$1,470,049		\$5,176,404

SPONSOR SIGNATURE: _____

DATE: _____

SUMMARY OF ESTIMATED PROJECT COST

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

St. Tammany Regional Airport
Land Acquisition/Tree Removal
(Northwest and Southwest)

<i>Boundary Surveying & ROW Mapping</i>	\$40,000.00
<i>Environmental Phase I Site Assessments</i>	\$12,000.00
<i>Airspace Analysis</i>	\$5,000.00
<i>Title Reports</i>	\$10,000.00
<i>Acquisition Services</i>	\$50,000.00

TOTAL ESTIMATED PROFESSIONAL SERVICES	\$117,000.00
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<i>Northwest Side of Trees</i>	<i>Acres</i>		
<i>Land Purchase (Northwest)</i>	19	15000	\$285,000.00
<i>Environmental Cat Ex North Side</i>			\$15,000.00
<i>Removal of Trees North Side</i>	19	5000	\$95,000.00

TOTAL ESTIMATED PROJECT COST	\$395,000.00
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<i>Southwest Side of Trees</i>			
<i>Land Purchase (Southwest)</i>	24	15000	\$360,000.00
<i>Environmental Cat Ex South Side</i>			\$15,000.00
<i>Removal of Trees South Side Trees</i>	24	5000	\$120,000.00

TOTAL ESTIMATED PROJECT COST	\$495,000.00
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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)
Phase II Construction

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
	1	Lump Sum	Mobilization	\$72,766.25	\$72,766.25
	4	ACRE	Clearing and Grubbing	\$10,000.00	\$40,000.00
	7,500	C.Y.	Unclassified Excavation	\$17.00	\$127,500.00
	2,500	C.Y.	Muck Excavation	\$20.00	\$50,000.00
	6,500	C.Y.	Embankment	\$27.00	\$175,500.00
	2,700	C.Y.	Subbase Course	\$14.00	\$37,800.00
	6	EACH	Temporary Bailed Hay Sediment Check Dam	\$150.00	\$900.00
	5,725	L.F.	Temporary Silt Fencing	\$2.50	\$14,312.50
	1,800	C.Y.	Crushed Aggregate Class II Base Course	\$118.00	\$212,400.00
	3.5	ACRE	Hydro seeding	\$2,200.00	\$7,700.00
	200.0	LNFT	Cross Drains	\$150.00	\$30,000.00
	1	EACH	Box Culvert	\$2,000.00	\$2,000.00
	200	LNFT	Guardrail	\$54.00	\$10,800.00
	4	EACH	Guardrail End treatments	\$3,000.00	\$12,000.00
	2,700	S.Y.	Geotextile Fabric	\$2.50	\$6,750.00

<i>Sub-Total Estimated Construction Cost</i>	<i>\$800,428.75</i>
<i>Construction Contingency (10%)</i>	<i>\$80,042.88</i>
<i>Total Estimated Construction Cost</i>	<i>\$880,471.63</i>

TOTAL ESTIMATED PROJECT COST	\$880,471.63
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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
P-101-5.1	1,758	SY	PAVEMENT REMOVAL	\$7.50	\$13,185.00
P-101-5.6	25,890	SY	COLD MILLING (1.1 - 2.0 INCHES)	\$12.00	\$310,680.00
P-154-5.1	880	SY	BASE COURSE	\$120.00	\$105,600.00
P-401-8.1	2,185	TON	BITUMINOUS SURFACE COURSE	\$100.00	\$218,500.00
P-401-8.2	2,185	TON	BITUMINOUS LEVELING COURSE	\$100.00	\$218,500.00
P-603-5.1	8,305	GAL	BITUMINOUS TACK COAT	\$4.50	\$37,372.50
P-620-5.1	16,980	SF	RUNWAY AND TAXIWAY PAINTING	\$2.00	\$33,960.00
P-620-5.2	16,980	SF	RUNWAY AND TAXIWAY PAINTING, TEMPORARY	\$1.50	\$25,470.00
P-620-5.3	240	SF	RUNWAY AND TAXIWAY PAINTING, BLACK NON-REFLECTORIZED	\$1.50	\$360.00
P-620-5.4	1,500	LB	REFLECTIVE MEDIA, TYPE III	\$6.00	\$9,000.00
T-901-5.1	3	ACRE	SEEDING	\$2,200.00	\$6,600.00
T-904-5.1	2,060.0	SY	SODDING	\$6.90	\$14,214.00
T-905-5.1	810	CY	TOPSOIL (FROM STOCKPILE)	\$44.00	\$35,640.00
	6,500	LF	SILT FENCING	\$3.00	\$19,500.00
	1	LS	TEMPORARY EROSION CONTROL PLAN	\$10,000.00	\$10,000.00
100-1	1	S.Y.	MOBILIZATION	\$105,858.15	\$105,858.15

Sub-Total Estimated Construction Cost **\$1,164,439.65**
Construction Contingency (20%) **\$232,887.93**
Total Estimated Construction Cost **\$1,397,327.58**

Construction Administration **\$33,500.00**
Resident Inspection & Testing **\$134,000.00**
Total Construction **\$1,564,827.58**

Grant Administration **\$5,000.00**
Environmental **\$7,500.00**
Engineering Fee & Bidding **\$100,500.00**
Airspace Analysis **\$2,500.00**
Surveying **\$45,000.00**
Geotechnical **\$15,000.00**
Total Engineering **\$175,500.00**

TOTAL ESTIMATED PROJECT COST	\$1,740,327.58
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SUMMARY OF ESTIMATED PROJECT COST

St. Tammany Parish Government

St. Tammany Regional Airport

Box 628

Tree Removal (East)

Covington, LA 70434

East Side of Trees

Acres

Removal of Trees East Side Trees

13

5000

\$65,000.00

Environmental Cat Ex East Side

\$15,000.00

Airspace Evaluation

\$5,000.00

TOTAL ESTIMATED PROJECT COST

\$85,000.00

SUMMARY OF ESTIMATED PROJECT COST

St. Tammany Parish Government
Box 628
Covington, LA 70434

St. Tammany Regional Airport
PAPI Construction

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
	1	Lump Sum	Mobilization	\$7,200.00	\$7,200.00
	2	Each	Precision Approach Path Indicator (PAPI-2)(3 Lamp) All in Place	\$19,000.00	\$38,000.00
	10,000	LnFt	#8 - 5KV Cable L-824C, Installed in Conduit	\$1.50	\$15,000.00
	1	Each	Regulator	\$15,000.00	\$15,000.00
	1	Lump Sum	Site Grading	\$4,000.00	\$4,000.00

Sub-Total Estimated Construction Cost ***\$79,200.00***

Construction Contingency (10%) ***\$7,920.00***

Total Estimated Construction Cost ***\$87,120.00***

Bidding ***\$7,500.00***

Inspection ***\$6,240.00***

Construction Administration ***\$6,600.00***

Flight Check ***\$5,600.00***

Total Estimated Project Costs	<i>\$113,060.00</i>
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SUMMARY OF ESTIMATED PROJECT COST

St. Tammany Parish Government
Box 628
Covington, LA 70434

St. Tammany Regional Airport
Apron Expansion

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
105	1	Lump Sum	Mobilization	\$89,710.00	\$89,710.00
P-101	5,000	S.Y.	Grading	\$2.00	\$10,000.00
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	\$9.00	\$63,000.00
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	\$150.00	\$600.00
P-156-5.4	1,500	L.F.	Temporary Silt Fencing	\$2.00	\$3,000.00
P-209-5.1	11,000	S.Y.	Crushed Aggregate Base Course (6" Thick)	\$20.00	\$220,000.00
P-401-8.1a	2,500	TON	Bituminous Surface Course	\$110.00	\$275,000.00
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
S-1001	11,000	S.Y.	Geotextile Fabric	\$2.50	\$27,500.00

Sub-Total Estimated Construction Cost	\$897,100.00
Construction Contingency (10%)	\$89,710.00
Total Estimated Construction Cost	\$986,810.00

Engineering Grant Administration	\$5,000.00
Environmental	\$15,000.00
Engineering Fee	\$87,000.00
Survey	\$25,000.00
Resident Inspection	\$39,250.00
Materials Testing	\$12,000.00
Construction Administration	\$22,625.00
Total Engineering Fee	\$205,875.00

TOTAL ESTIMATED PROJECT COST	\$1,170,060.00
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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.	\$600,000.00	\$600,000.00
2	1	Lump Sum	Mobilization	\$15,000.00	\$15,000.00

<i>Sub-Total Estimated Construction Cost</i>	<i>\$615,000.00</i>
<i>Construction Contingency (10%)</i>	<i>\$61,500.00</i>
<i>Total Estimated Construction Cost</i>	<i>\$676,500.00</i>

<i>Administrative</i>	<i>\$5,000.00</i>
<i>Engineering Fee</i>	<i>\$60,000.00</i>
<i>Construction Admin</i>	<i>\$15,000.00</i>
<i>Resident Inspection</i>	<i>\$7,500.00</i>
<i>Testing</i>	<i>\$5,000.00</i>

TOTAL ESTIMATED PROJECT COST	\$769,000.00
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SUMMARY OF ESTIMATED PROJECT COST

St. Tammany Parish Government
Box 628
Covington, LA 70434

St. Tammany Regional Airport
Runway 13/36 Extension

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
105	1	Lump Sum	Mobilization	\$214,825.00	\$214,825.00
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	\$110.00	\$253,000.00
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-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	\$2,148,250.00
Construction Contingency (10%)	\$214,825.00
Total Estimated Construction Cost	\$2,363,075.00

SUMMARY OF ESTIMATED PROJECT COST

St. Tammany Parish Government
Box 628
Covington, LA 70434

St. Tammany Regional Airport
Runway 13/36 Extension

<i>Resident Inspection</i>	<i>\$200,000.00</i>
<i>Materials Testing</i>	<i>\$25,000.00</i>
<i>Construction Administration</i>	<i>\$63,250.00</i>
<i>Total Construction</i>	<i>\$580,000.00</i>
<i>Enironmental Assessment and Permitting</i>	<i>\$200,000.00</i>
<i>Engineering Grant Administration</i>	<i>\$5,000.00</i>
<i>Engineering Fee & Bidding</i>	<i>\$200,000.00</i>
<i>Surveying</i>	<i>\$50,000.00</i>
<i>Geotechnical Investigations</i>	<i>\$25,000.00</i>
<i>Total Engineering</i>	<i>\$280,000.00</i>
<i>Wetlands Mitigation</i>	<i>\$300,000.00</i>

TOTAL ESTIMATED PROJECT COST	\$3,723,075.00
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SUMMARY OF ESTIMATED PROJECT COST

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

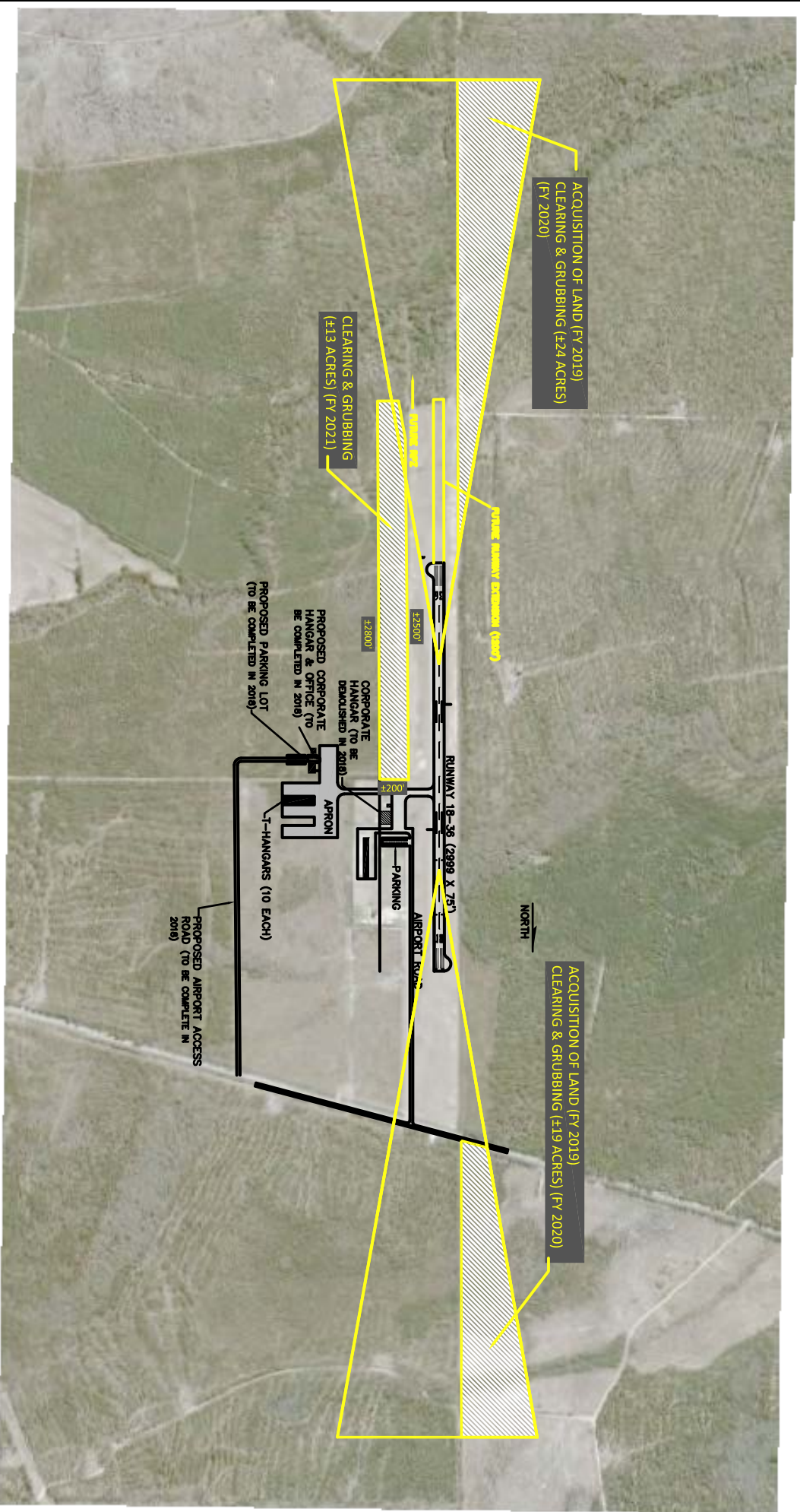
St. Tammany Regional Airport
10 Unit T-Hangar

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.	\$550,000.00	\$600,000.00
2	1	Lump Sum	Mobilization	\$15,000.00	\$15,000.00

<i>Sub-Total Estimated Construction Cost</i>	<i>\$615,000.00</i>
<i>Construction Contingency (10%)</i>	<i>\$61,500.00</i>
<i>Total Estimated Construction Cost</i>	<i>\$676,500.00</i>

<i>Administrative</i>	<i>\$5,000.00</i>
<i>Engineering Fee & Bidding</i>	<i>\$60,000.00</i>
<i>Surveying</i>	<i>\$5,000.00</i>
<i>Geotechnical</i>	<i>\$5,000.00</i>
<i>Construction Administration</i>	<i>\$15,000.00</i>
<i>Resident Inspection</i>	<i>\$7,500.00</i>
<i>Testing</i>	<i>\$5,000.00</i>

TOTAL ESTIMATED PROJECT COST	\$779,000.00
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**ST. TAMMANY REGIONAL
AIRPORT (L31)**

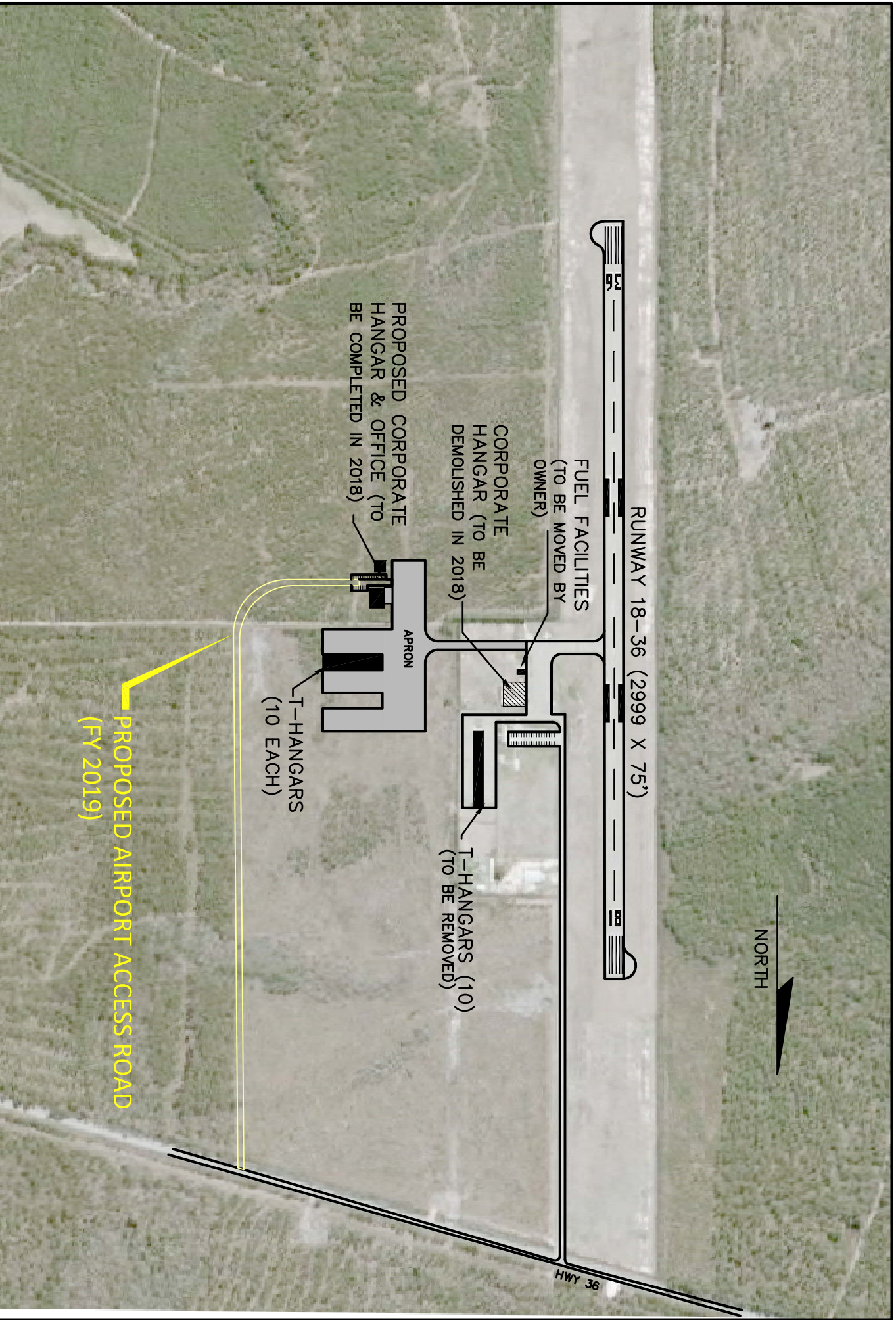
**LAND ACQUISITION / TREE REMOVAL
FOR PAPI INSTALLATION &
OBSTRUCTION REMOVAL**

SCALE:
N.T.S.
DATE:
SEPT. 2018

VOLKERT
7667 Office Park Blvd. • Baton Rouge, LA 70809
Phone: 225.218-5440 • Fax: 225.218-5471

PROJECT NO.

EXHIBIT NO.
1



ST. TAMMANY REGIONAL
AIRPORT (L31)

AIRPORT ACCESS ROAD
FY 2019

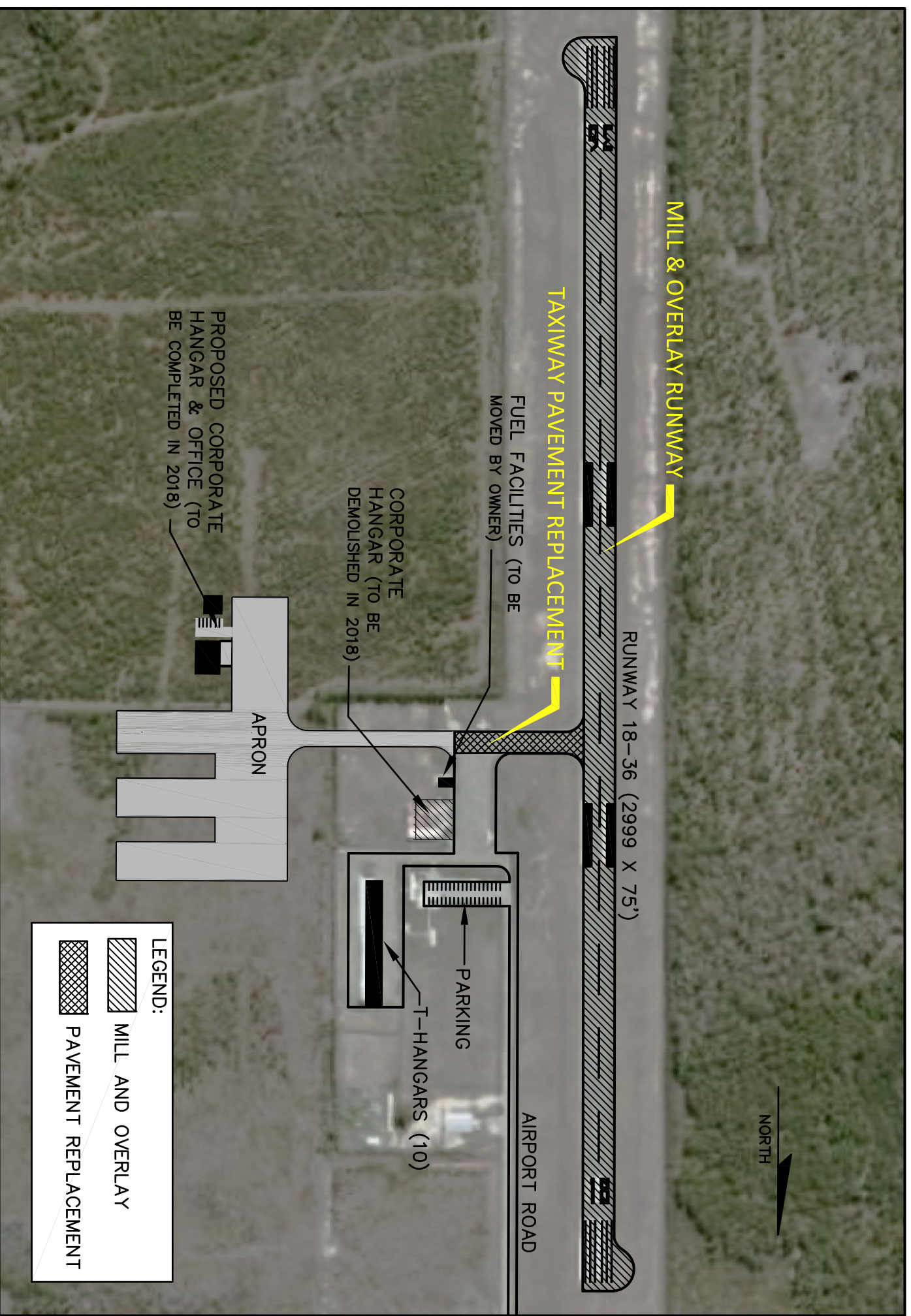
SCALE:
1" = 500'

DATE:
SEPT. 2018

VOLKERT
7967 Office Park Blvd. • Baton Rouge, LA 70809
Phone: 225.218-5940 • Fax: 225.218-5947

PROJECT NO.

EXHIBIT NO.
2



MILL & OVERLAY RUNWAY

RUNWAY 18-36 (2999 X 75')

TAXIWAY PAVEMENT REPLACEMENT

FUEL FACILITIES (TO BE MOVED BY OWNER)

CORPORATE HANGAR (TO BE DEMOLISHED IN 2018)

PROPOSED CORPORATE HANGAR & OFFICE (TO BE COMPLETED IN 2018)

APRON



PARKING

T-HANGARS (10)

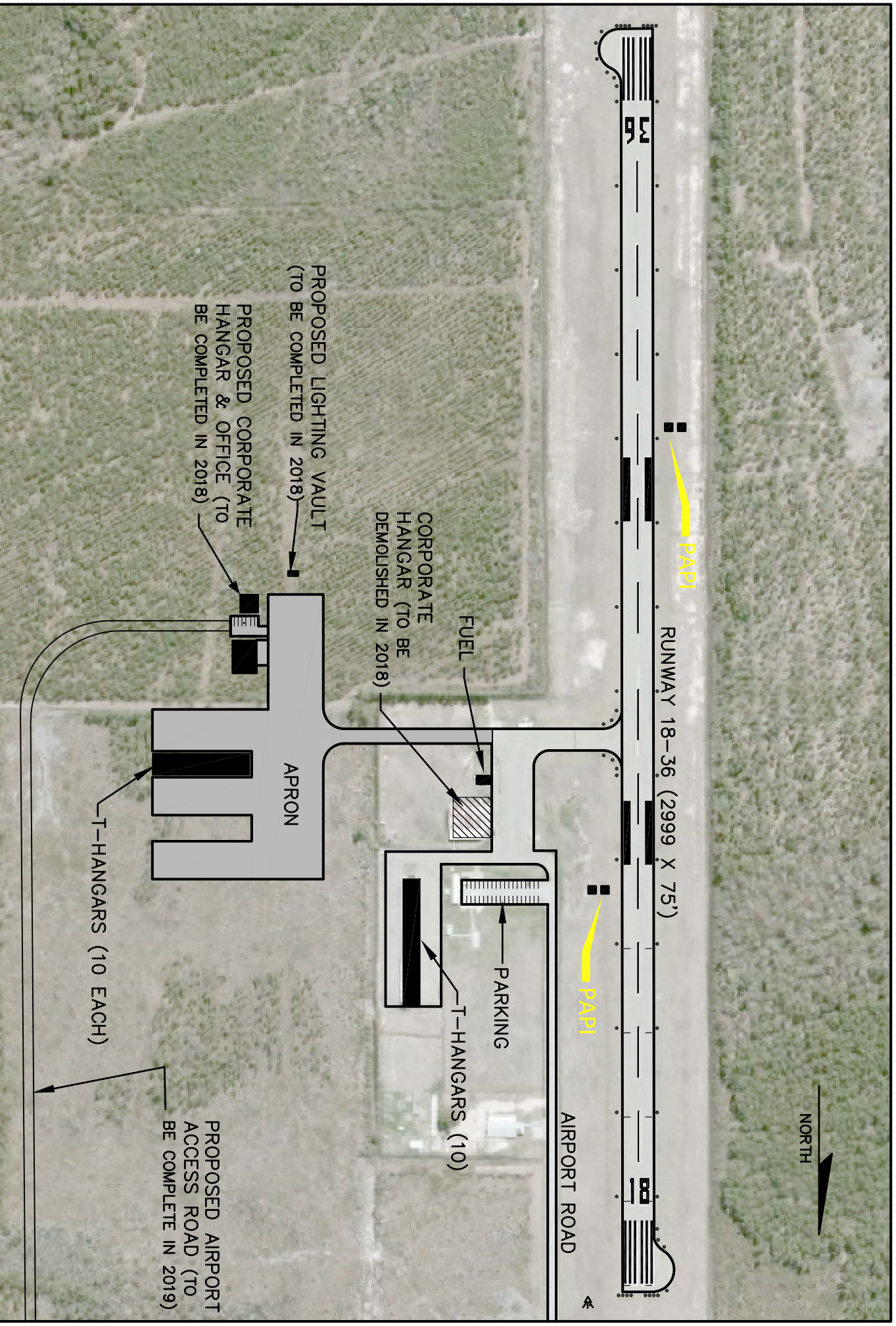
AIRPORT ROAD

NORTH

LEGEND:

-  MILL AND OVERLAY
-  PAVEMENT REPLACEMENT

ST. TAMMANY REGIONAL AIRPORT (L31)		REHABILITATE RUNWAY (FY 2020 & 2021)		PROJECT NO.	
		SCALE: 1" = 300'		EXHIBIT NO. 3	
		DATE: SEPTEMBER 2017			
<p>VOLKERT 3446 Druvella Ln., Ste. A • Baton Rouge, LA 70809 Phone: 225.218-5940 • Fax: 225.218-5971</p>					



ST. TAMMANY REGIONAL
AIRPORT (L31)

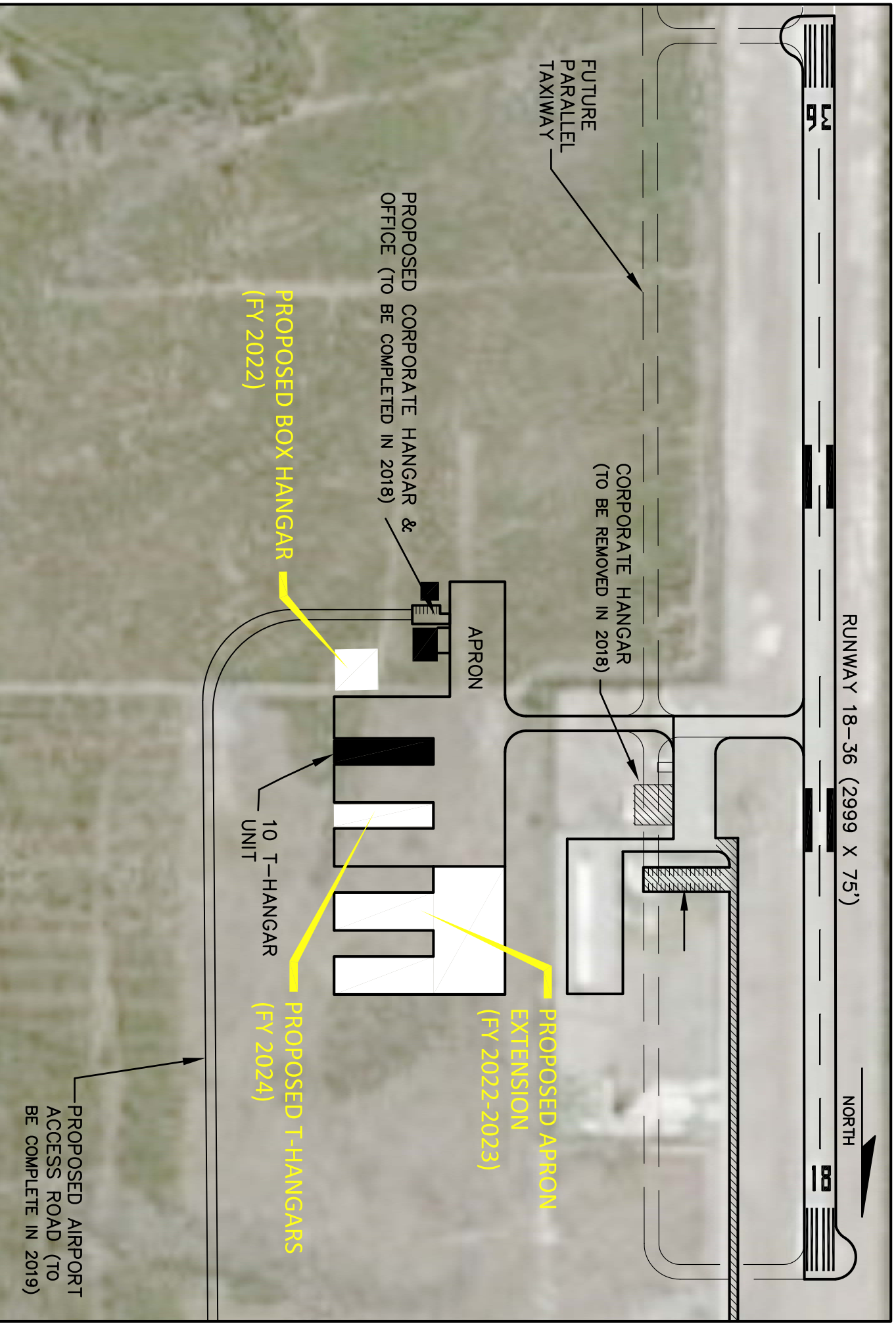
PAPI CONSTRUCTION
(FY 2021)

SCALE:
1" = 300'
DATE:
SEPT. 2018

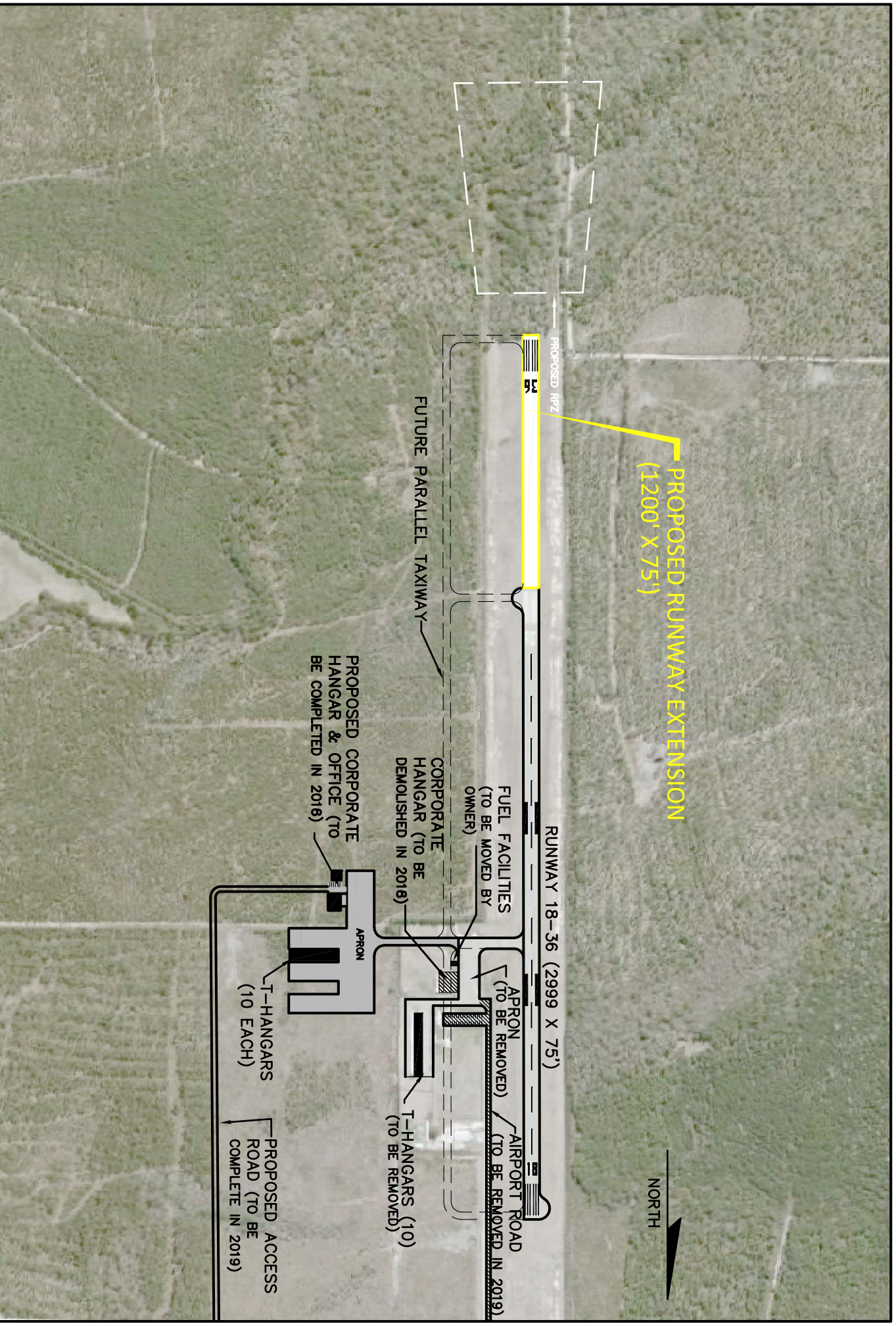
VOLKERT
7967 Office Park Blvd. • Baton Rouge, LA 70809
Phone: 225.218-9440 • Fax: 225.218-9471

PROJECT NO.

EXHIBIT NO.
4



ST. TAMMANY REGIONAL AIRPORT (L31)		HANGARS & APRON EXTENSION (FY 2022-2024)		 7967 Office Park Blvd. • Baton Rouge, LA 70809 Phone: 225.218-9440 • Fax: 225.218-9471		PROJECT NO.
		SCALE: 1" = 300'	DATE: SEPT. 2018			EXHIBIT NO. 5



ST. TAMMANY REGIONAL
AIRPORT (L31)

RUNWAY 18-36 EXTENSION
(1200' X 75') (FY 2023-2025)

SCALE:
1" = 600'

DATE:
SEPT. 2018

VOLKERT
7967 Office Park Blvd. • Baton Rouge, LA 70809
Phone: 225.218-9440 • Fax: 225.218-9471

PROJECT NO.

EXHIBIT NO.
6