

1 Introduced October 24, 2017, by Councilman
2 Cusimano, seconded by Councilwoman
3 Harbison, (by request of Administration)
4

5 **RESOLUTION R17-25**
6

7 A Resolution relative to funding for the Capital Improvement Plan at the
8 Slidell Municipal Airport.
9

10 WHEREAS, Title 2 of the Louisiana Revised Statutes of 1950 provides that
11 cities, towns, parishes, and other political subdivisions of this State may separately or
12 jointly acquire, establish, construct, expand, own, lease, control, equip, improve, maintain,
13 operate, regulate, and police airports and landing fields for the use of aircraft; and,
14

15
16 WHEREAS, the State of Louisiana, Department of Transportation and
17 Development, Division of Aviation (formerly the LA DOTD-OAPT) is charged by Title 2 with
18 the responsibility for the development of aviation facilities within the State to foster air
19 commerce and to safeguard the interests of those engaged in all phases of the aviation
20 industry and of the general public; and,
21

22
23 WHEREAS, the City of Slidell, hereinafter referred to as "Sponsor", has
24 completed an FAA and DOTD approved Master Plan, Action Plan, and/or Airport Layout
25 Plan which outlines the specific future development of the Slidell Municipal Airport; and,
26 the Sponsor is desirous of implementing a portion of the approved Plan recommendations
27 which provide for the critically needed improvements as stated below to substantially
28 improve the safety and usability of the Airport, but does not have sufficient funds of its own
29 required for completing the needed improvements; and,
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2 **RESOLUTION R17-25**
3 **PAGE 2**

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

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9 NOW THEREFORE BE IT RESOLVED:

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12 SECTION I

13 That the Sponsor does hereby formally request that the LA DOTD, Division
14 of Aviation provide funds required to complete the airport improvements at the Slidell
15 Municipal Airport specifically as described in the Capital Improvement Program Application
16 for State Financial Assistance dated _____:

17
18 SECTION II

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

24
25 SECTION III

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

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33 SECTION IV

34 That the Mayor of the City of Slidell is hereby authorized to execute related
35 documents/agreements as required by the rules and regulations of the Federal Aviation
36 Administration and the State of Louisiana and the Clerk is hereby authorized to attest said
37 execution.

38 That the Mayor of the City of Slidell be and is hereby authorized and directed
39 to evidence this agreement by affixing his signature at the place provided therefore on this

1
2 **RESOLUTION R17-25**
3 **PAGE 3**

4 resolution and on subsequent related documents/agreements as required by the rules and
5 regulations of the Federal Aviation Administration and the State of Louisiana and the Clerk
6 is hereby authorized to attest said execution.

7
8 SECTION V

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10 That this resolution shall be in full force and effect from and after its adoption.

11
12 The Slidell City Council, Sponsor of the Slidell Municipal Airport, met in
13 regular session on this date. The aforesaid resolution was offered by Councilman Borchert
14 and seconded by Councilman Vanney. The aforesaid resolution, having been submitted to
15 a vote, the vote thereon was as follows:
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20 YEAS: 9 NAYS: 0 ABSENT: 0
21
22

23 **ADOPTED** this 24th day of October, 2017.
24

25
26 

27 Landon Cusimano
28 President of the Council
29 Councilman-at-Large

30
31 

32 Thomas P. Reeves
33 Council Administrator
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4
5 CERTIFICATE

6
7 IT IS HEREBY certified that the above is a true and correct copy of a
8 resolution passed by the Slidell City Council, Sponsor of the Slidell Municipal Airport in
9 regular session convened on this, the 24th day of October, 2017
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14 _____
15 Thomas P. Reeves
16 Council Administrator
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SLIDELL MUNICIPAL AIRPORT



SPONSOR:

City of Slidell, Louisiana



CAPITAL IMPROVEMENT PLAN

FY2018-2023

Prepared By:



PEC
PROFESSIONAL
ENGINEERING
CONSULTANTS
CORPORATION

7600 Innovation Park Drive

Baton Rouge, LA 70820

P: 225.769.2810 | F: 225.769.2882

pecla.com

6 Year Capital Improvement Plan (CIP)

Slidell Municipal Airport (KASD) Slidell, LA

CIP START YEAR: 2018

- 2015 Entitlement Balance (Expires FY18)
- 2016 Entitlement Balance (Expires FY19)
- 2017 Entitlement Balance (Expires FY20)
- 2018 Entitlement (for planning purposes through 2023)

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				
2018	\$251,000	State	Obstruction Mitigation Runway 18 Approach (Right of Way Acquisition)	\$750,000				\$750,000
		State	Taxilane Widening and Overlay	\$235,000				\$235,000
	\$251,000	Remaining Funds	2018 Annual Subtotals:	\$985,000				\$985,000
2019	\$401,000	State	Mitigate Obstructions - Transitional Surface Phase 2	\$250,000				\$250,000
		State	Taxilane Pavement Reconstruction	\$160,000				\$160,000
		AIP	Obstruction Mitigation Runway 18 Approach (Phase 2)	\$1,000,000	\$401,000	\$499,000		\$100,000
		Remaining Funds	2019 Annual Subtotals:	\$1,410,000	\$401,000	\$499,000		\$510,000
2020	\$150,000	State	North Apron Overlay	\$715,000				\$715,000
		Local	New Aviation Fuel System	\$300,000			\$300,000	
	\$150,000	Remaining Funds	2020 Annual Subtotals:	\$1,015,000			\$300,000	\$715,000
2021	\$300,000	AIP	Terminal Apron Expansion (Phase 2)	\$796,000	\$300,000	\$416,400		\$79,600
		State	Runway 18 Threshold Recovery	\$162,000				\$162,000
		Remaining Funds	2021 Annual Subtotals:	\$958,000	\$300,000	\$416,400		\$241,600
2022	\$150,000	AIP-MY	Extend Runway 18 - 36 (500 ft. South)(Environmental & Design)	\$2,265,000	\$2,038,500			\$226,500
	(\$1,888,500)	Remaining Funds	2022 Annual Subtotals:	\$ 2,265,000	\$ 2,038,500			\$ 226,500
2023	(\$1,738,500)	AIP-MY	Extend Runway 18 - 36 (500 ft. South)(Construction)					
	(\$1,738,500)	Remaining Funds	2023 Annual Subtotals:					
6 Year CIP Totals:				\$6,633,000	\$2,739,500	\$915,400	\$300,000	\$2,678,100

SPONSOR SIGNATURE: _____

DATE: _____

Slidell Municipal Airport
Elements of CIP 2017 – 2021

1. **Obstruction Mitigation Runway 18 Approach (Right of Way Acquisition) (Transmission Line Relocation)** - Runway 18 presently has a threshold displacement of 942 ft., which has been in place since 2006. The controlling obstruction for this displacement is a power transmission line. Several attempts were made in 2005 to work with the power company to mitigate this obstruction, however, the high cost of relocating the power lines were simply not feasible. In April of 2016 two local pilots lost their lives in a tragic crash after coming in contact with the power lines on final approach to Runway 18. This tragic event has prompted the Airport and City Officials to work with the two power companies in order to relocate the power lines outside of the airport's ultimate approach surface. Phase I will consist of the acquisition of 60+/- acres along the proposed relocation route in order to provide the power companies with the necessary rights of way. .
2. **Taxilane Widening and Overlay** - The taxilane serving the corporate aviation area on the airfield is 20 feet wide, which does not provide the proper edge safety margin for the Citation Jet based on the field and operating daily on this pavement. The widening will also provide better access to areas of proposed hangar development. The proposed project consists of the widening and overlay of this taxilane in order to provide a safer environment.
3. **Obstruction Mitigation Transitional Surface (Phase 2)** – Phase 2 will provide funding to continue the removal of trees on the East and West Transitional Slopes on properties adjacent to the Airfield.
4. **Taxilane Pavement Reconstruction** - The existing concrete taxilane adjacent to the terminal apron is deteriorating causing FOD and creating a hazard to taxiing aircraft. Under the proposed project, portions of this taxilane will be removed and be reconstructed to provide a safer environment.
5. **Obstruction Mitigation Runway 18 Approach (Phase 2)** – See Item 1 above. Phase 2 will provide funding to mitigate potential wetlands within the acquired rights of way.
6. **North Apron Overlay** – Existing North Apron pavement is nearing the end of its normal service life. Temperature and fatigue cracking in the pavement has become prevalent over most of the surface. To avoid future cost of total reconstruction of the pavement system, an asphalt overlay is proposed. This

construction element consists of milling asphaltic concrete, sealing larger cracks in the existing pavement after milling and a 2" asphaltic concrete overlay.

7. **Aviation Fuel System** - The existing Jet A tank is presently out of service and fuel is stored in a tanker truck. The Avgas tank is deteriorated and is in need of replacement. Both existing tanks are underground tanks. The proposed project consists of replacing both existing underground tanks with 10,000 gallon surface mounted tanks and associated piping, new AvGas self service pump and site work.

8. **Terminal Apron Expansion (Design and Construction)** – With a steady increase of corporate jet traffic the Airport has seen times when large aircraft are not comfortable with the size of the terminal area apron, and in some occasions have chosen to remain on the parallel taxiway for fueling. When two or more jets are parked on the apron for several hours it presents a problem for other aircraft taxiing around the parked aircraft. Under this proposed project the apron will be extended towards Taxiway A by 50 feet, therefore providing the additional aircraft parking. An additional entrance to the apron will be added for safer operations. This work will consist of excavation and embankment of existing subgrade material, borrow material placed on site, crushed stone base and asphaltic concrete pavement.

9. **Terminal Apron Expansion Phase 2** – This project is the second of two phases to expand the terminal apron in order to accommodate larger corporate aircraft utilizing this facility. Phase 1 is being constructed under an FY17 AIP Grant. This provide will provide for the expansion of the south side of the terminal apron. This work will consist of excavation and embankment of existing subgrade material, borrow material placed on site, crushed stone base and asphaltic concrete pavement.

10. **Runway 18 Threshold Recovery** - This project will consists of removing and repainting runway threshold marking and the relocation of NAVAIDS to coincide with new planned approach to Runway 18. This project will only be accomplished after all obstructions to the Runway 18 approach are removed.

11. **Extend Runway 18-36 and Parallel Taxiway (500 ft South) Phase I (Design and Environmental)** – The Sponsor proposes to extend Runway 18-36, 500 ft. to the south This item provides for the Environmental Assessment and Engineering Design.

12. **Extend Runway 18-36 and Parallel Taxiway (500 ft. South)**- The proposed Runway and Taxiway Extension will be constructed at the southern most end of

the existing runway and be 500 ft. in length. This work will consist of excavation and embankment of existing subgrade material, borrow material placed on site, crushed stone base and asphaltic concrete pavement.

SUMMARY OF ESTIMATED PROJECT COST

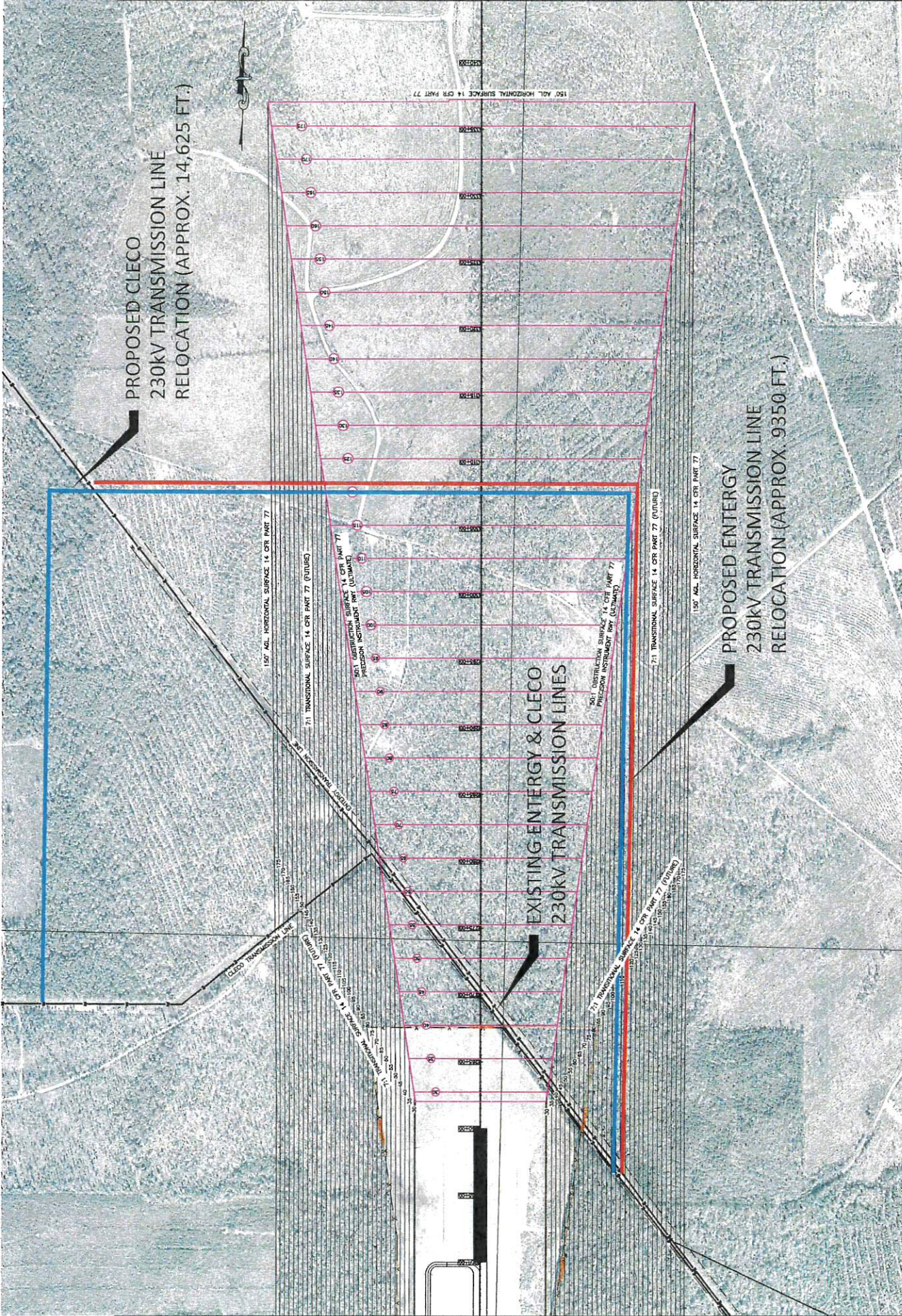
City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Obstruction Mitigation
Runway 18 Approach
(Right of Way Acquisition)

Property Abstract	\$12,000.00
Survey and Right of Way Map Preparation	\$50,000.00
Phase I Environmental	\$25,000.00
Property Appraisal and Review Appraisal	\$17,000.00
Acquisition Management	\$20,000.00
Project Administration and Coordination with Entergy and CLECO	\$20,000.00
Legal Fees on Sale	\$15,000.00
Acquisition of Right of Way (60 acres +/-) Estimated	\$516,000.00
Timber Rights	\$75,000.00

TOTAL ESTIMATED PROJECT COST

\$750,000.00



PROPOSED CLECO
230KV TRANSMISSION LINE
RELOCATION (APPROX. 14,625 FT.)

PROPOSED ENERGY
230KV TRANSMISSION LINE
RELOCATION (APPROX. 9350 FT.)

EXISTING ENERGY & CLECO
230KV TRANSMISSION LINES

SLIDELL MUNICIPAL AIRPORT (KASD)	OBSTRUCTION MITIGATION RUNWAY 18 APPROACH TITLE		PEC PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION 7600 Innovation Park Dr. Baton Rouge, LA 70820 225.769.2810
	SCALE: N.T.S.	DATE: OCTOBER 2017	

SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Taxilane Widening
and Overlay

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-151-4.3	1	LUMP SUM	Clearing and Grubbing	\$5,000.00	\$5,000.00
P-152-4.1	700	C.Y.	Unclassified Excavation	\$20.00	\$14,000.00
P-152-4.5	120	C.Y.	Borrow Excavation	\$17.00	\$2,040.00
P-154-5.1	300	C.Y.	Subbase Course	\$45.00	\$13,500.00
P-156-5.4	750	L.F.	Temporary Silt Fencing	\$3.00	\$2,250.00
P-209-5.1	1,000	S.Y.	Crushed Aggregate Base Course (10" Thick)	\$40.00	\$40,000.00
P-401-8.1a	320	TON	Bituminous Surface Course	\$150.00	\$48,000.00
P-602-5.1	220	GAL.	Bituminous Prime Coat	\$5.00	\$1,100.00
P-603-5.1	70	GAL.	Bituminous Tack Coat	\$4.00	\$280.00
P-620-5.1-1	500	S.F.	Runway and Taxiway Painting	\$5.00	\$2,500.00
T-901-5.1	1.0	LUMP SUM	Seeding	\$1,500.00	\$1,500.00
S-1001	830	S.Y.	Geotextile Fabric	\$3.00	\$2,490.00
S-1002	150	S.Y.	Saw cut and Remove Concrete	\$25.00	\$3,750.00
S-1004	1	LUMP SUM	Mobilization	\$25,000.00	\$25,000.00

Sub-Total Estimated Construction Cost	\$161,410.00
Construction Contingency (10%)	\$16,141.00
Total Estimated Construction Cost	\$177,551.00

Administrative	\$2,000.00
Engineering Fee	\$20,000.00
Survey	\$5,000.00
Geotech	\$5,000.00
Resident Inspection	\$15,000.00
Testing	\$10,000.00

TOTAL ESTIMATED PROJECT COST	\$234,551.00
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**TAXILANE WIDENING
AND OVERLAY**

**SLIDELL MUNICIPAL AIRPORT
(KASD)**

**TAXILANE WIDENING
AND OVERLAY**

TITLE

SCALE: 1" = 200'

DATE: OCTOBER 2017

PEC PROFESSIONAL ENGINEERING
CONSULTANTS CORPORATION
7600 Innovation Park Dr. | Baton Rouge, LA 70820 | 225.769.2810



<p>SLIDELL MUNICIPAL AIRPORT (KASD)</p>	<p>MITIGATE OBSTRUCTIONS TRANSITIONAL SURFACE PHASE 2 TITLE</p>	<p>SCALE: N.T.S. DATE: OCTOBER 2017</p>	<p> PEC PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION 7600 Innovation Park Dr. Baton Rouge, LA 70820 225.769.2810</p>
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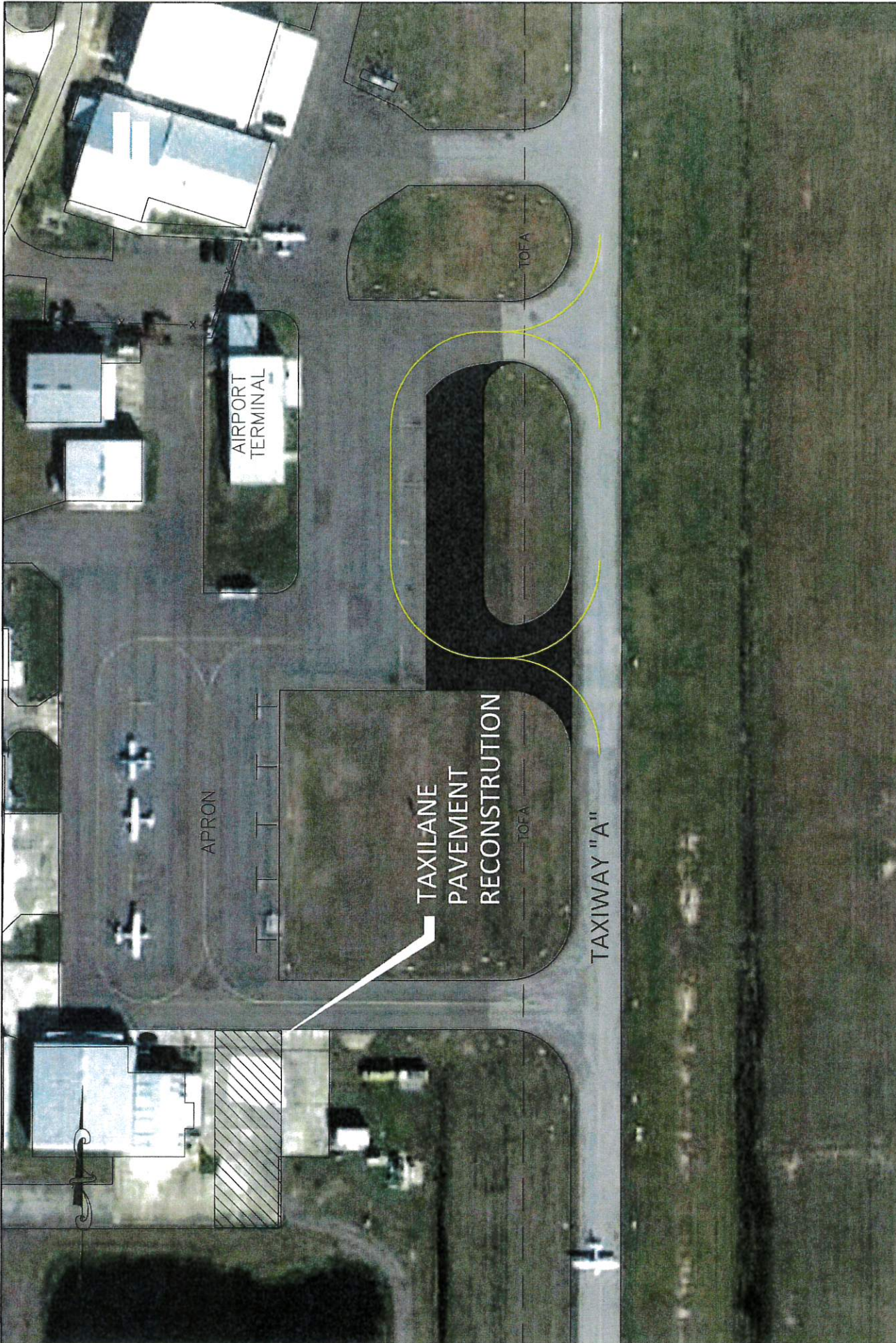
SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Taxilane Pavement
Reconstruction

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
G-105	1	Lump Sum	Mobilization	\$20,000.00	\$20,000.00
P-101	1,200	Square Yard	Removal of Concrete Pavement	\$15.00	\$18,000.00
P-209	850	Square Yard	Crushed Aggregate Base (6" Thick)	\$25.00	\$21,250.00
P-501	850	Square Yard	Concrete Pavement	\$60.00	\$51,000.00
P-620	1	Lump Sum	Pavement Marking	\$2,000.00	\$2,000.00

Sub-Total Estimated Construction Cost	\$112,250.00
Construction Contingency (10%)	\$11,225.00
Total Estimated Construction Cost	\$123,475.00
Administrative	\$4,000.00
Engineering Fee	\$15,000.00
Resident Inspection	\$12,000.00
Materials Testing	\$5,000.00
TOTAL ESTIMATED PROJECT COST	\$159,475.00



 <p>PEC PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION 7600 Innovation Park Dr. Baton Rouge, LA 70820 225.769.2810</p>	<p>SCALE: 1" = 100' DATE: OCTOBER 2017</p>	<p>TAXILANE PAVEMENT RECONSTRUCTION</p> <p>TITLE</p>	<p>SLIDELL MUNICIPAL AIRPORT (KASD)</p>
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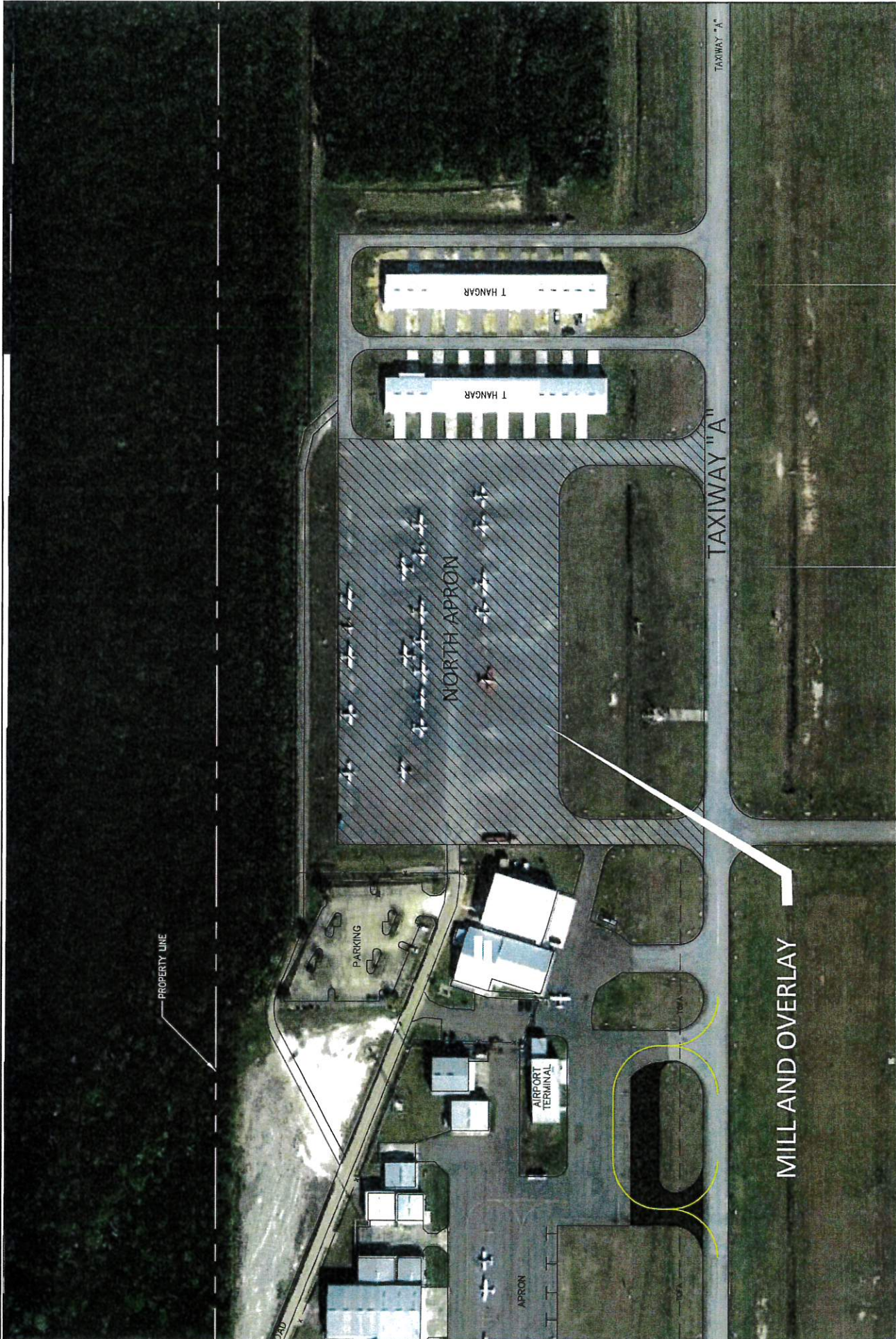
SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
North Apron Overlay

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
G-105	1	Lump Sum	Mobilization	\$30,000.00	\$30,000.00
P-101	28,000	Square Yard	Asphalt Milling	\$3.00	\$84,000.00
P-401	3,300	Tons	Bituminous Surface Course	\$130.00	\$429,000.00
P-603	2,800	Gallons	Bituminous Tack Coat	\$4.50	\$12,600.00
P-620	1	Lump Sum	Pavement Marking	\$4,000.00	\$4,000.00
S-1001	1	Lump Sum	Tie Down Anchors	\$9,000.00	\$9,000.00

Sub-Total Estimated Construction Cost	\$568,600.00
Construction Contingency (10%)	\$56,860.00
Total Estimated Construction Cost	\$625,460.00
Administrative	\$8,000.00
Engineering Fee	\$55,000.00
Resident Inspection	\$17,000.00
Materials Testing	\$10,000.00
TOTAL ESTIMATED PROJECT COST	\$715,460.00



<p>PEC PROFESSIONAL ENGINEERING CONSULTANTS CORPORATION 7600 Innovation Park Dr. Baton Rouge, LA 70820 225.769.2810</p>	<p>SCALE: 1" = 200' DATE: OCTOBER 2017</p>	<p>NORTH APRON PAVEMENT OVERLAY TITLE</p>	<p>SLIDELL MUNICIPAL AIRPORT (KASD)</p>
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SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Aviation Fuel Station

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
S-1001	2	Each	12,000 Gallon Fuel Tank on Concrete Foundation	\$60,000.00	\$120,000.00
S-1002	1	Lump Sum	Miscellaneous Piping, Fuel Pumps and Site Work	\$90,000.00	\$90,000.00
S-1003	1	Lump Sum	Mobilization	\$20,000.00	\$20,000.00

Sub-Total Estimated Construction Cost	\$230,000.00
Construction Contingency (10%)	\$23,000.00
Total Estimated Construction Cost	\$253,000.00

Administrative	\$1,500.00
Permits	\$7,500.00
Engineering Fee	\$30,000.00
Resident Inspection	\$8,000.00

TOTAL ESTIMATED PROJECT COST	\$300,000.00
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SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

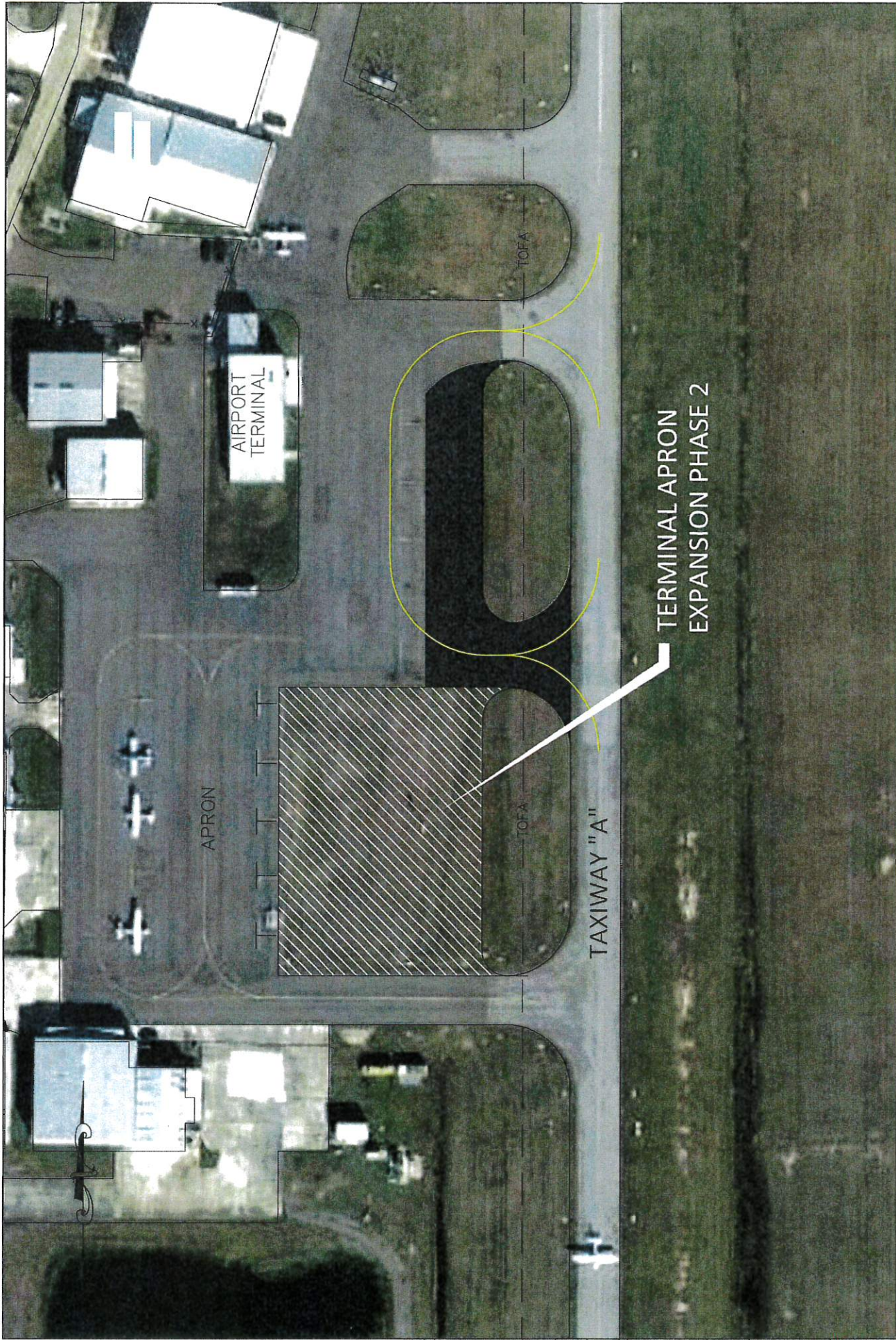
Slidell Municipal Airport
Terminal Apron Expansion
Phase 2

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-101-5.5	500	S.Y.	Cold Milling	\$8.00	\$4,000.00
P-152-4.1	2,500	C.Y.	Unclassified Excavation	\$10.00	\$25,000.00
P-152-4.3	400	C.Y.	Muck Excavation	\$13.00	\$5,200.00
P-152-4.5	5,100	C.Y.	Borrow Excavation	\$15.00	\$76,500.00
P-154-5.1	1,350	C.Y.	Subbase Course	\$40.00	\$54,000.00
P-155-8.1	4,055	S.Y.	Lime Treated Subgrade	\$3.00	\$12,165.00
P-155-8.2	41	TON	Lime	\$220.00	\$9,020.00
P-156-5.1	1	Lump Sum	Temporary Seeding	\$1,800.00	\$1,800.00
P-156-5.3	5	EACH	Temporary Bailed Hay Sediment Check Dam	\$350.00	\$1,750.00
P-209-5.1	4,055	S.Y.	Crushed Aggregate Base Course (10" Thick)	\$35.00	\$141,925.00
P-401-8.1a	1,200	TON	Bituminous Surface Course	\$120.00	\$144,000.00
P-602-5.1	1,175	GAL.	Bituminous Prime Coat	\$5.00	\$5,875.00
P-603-5.1	410	GAL.	Bituminous Tack Coat	\$3.50	\$1,435.00
P-620-5.1-1	1,200	S.F.	Runway and Taxiway Painting	\$1.50	\$1,800.00
P-620-5.1-2	150	POUND	Reflective Media	\$4.00	\$600.00
T-901-5.1	1.0	Lump Sum	Seeding	\$5,000.00	\$5,000.00
S-1001	1.0	Lump Sum	Lighting Modifications	\$30,000.00	\$30,000.00
S-1002	4,055	S.Y.	Geotextile Fabric	\$2.50	\$10,137.50
S-1003	1	Lump Sum	Drainage	\$40,000.00	\$40,000.00
S-1004	1	Lump Sum	Mobilization	\$35,000.00	\$35,000.00

Sub-Total Estimated Construction Cost	\$605,207.50
Construction Contingency (10%)	\$60,520.75
Total Estimated Construction Cost	\$665,728.25

Administrative	\$9,000.00
Engineering Fee (Design and Construction Administration)	\$63,000.00
Resident Inspection	\$40,000.00
Geotechnical Investigations	\$8,000.00
Materials Testing	\$10,000.00

TOTAL ESTIMATED PROJECT COST	\$795,728.25
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TERMINAL APRON
EXPANSION PHASE 2

SLIDELL MUNICIPAL AIRPORT
(KASD)

TERMINAL APRON EXPANSION
PHASE 2
TITLE

SCALE: 1" = 100'

DATE: OCTOBER 2017

PEC PROFESSIONAL ENGINEERING
CONSULTANTS CORPORATION
7600 Innovation Park Dr. | Baton Rouge, LA 70820 | 225.769.2810

SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Runway 18 Threshold Recovery
Construction

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
G-105	1	Lump Sum	Mobilization	\$8,000.00	\$8,000.00
L-108-5.1	300	L.F.	2 Conductor #14 Twisted Pair	\$2.00	\$600.00
L-108-5.2	5,500	L.F.	No. 8 AWG, 5KV L-824, Type C Cable	\$2.00	\$11,000.00
L-125-5.1a	8	EACH	Runway Threshold Fixtures	\$900.00	\$7,200.00
L-125-5.1b	1	Set	New PAPI 2 on Existing Pad	\$22,000.00	\$22,000.00
L-125-5.1c	1	Set	New Runway End Identifier Lights (REILS)	\$17,000.00	\$17,000.00
L-125-5.1d	1	EACH	Replace Sign Legend	\$3,000.00	\$3,000.00
L-125-5.1e	10	EACH	Replace Lense on Runway Lighting Fixture	\$500.00	\$5,000.00
L-125-5.1f	1	Lump Sum	Remove Runway End Identifier Lights	\$2,000.00	\$2,000.00
L-125-5.1g	1	Lump Sum	Remove Inset Threshold Lighting	\$3,200.00	\$3,200.00
P-620-5.1-1	17,000	S.F.	Runway and Taxiway Painting	\$0.70	\$11,900.00
P-620-5.1-2	1,200	POUND	Reflective Media	\$1.00	\$1,200.00
P-620-5.1-3	18,000	S.F.	Remove Existing Marking	\$0.75	\$13,500.00

Sub-Total Estimated Construction Cost	\$105,600.00
Construction Contingency (10%)	\$10,560.00
Total Estimated Construction Cost	<u>\$116,160.00</u>

Administrative	\$2,000.00
Engineering Fee	\$18,000.00
Resident Inspection	\$10,000.00
Materials Testing	\$3,000.00

Flight Check	\$12,000.00
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TOTAL ESTIMATED PROJECT COST	\$161,160.00
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RUNWAY 18
THRESHOLD RECOVERY

944 FT

MITIGATE OBSTRUCTIONS
EXISTING POWER TRANSMISSION
TO BE COMPLETED BY POWER
LINE OWNERS

PROPERTY LINE

SLIDELL MUNICIPAL AIRPORT
(KASD)

RUNWAY 18 THRESHOLD RECOVERY

TITLE

SCALE: 1" = 800'
DATE: OCTOBER 2017



PEC PROFESSIONAL ENGINEERING
CONSULTANTS CORPORATION
7600 Innovation Park Dr. | Baton Rouge, LA 70820 | 225.769.2810

SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Extend Runway 18-36 and
Parallel Taxiway (500' South)

REF. NO.	QUANTITY:	UNIT OF MEASURE:	ITEM DESCRIPTION	UNIT PRICE	UNIT PRICE EXTENSION
P-151-4.3	24	ACRE	Grubbing	\$800.00	\$19,200.00
P-152-4.1	9,000	C.Y.	Unclassified Excavation	\$10.00	\$90,000.00
P-152-4.3	1,200	C.Y.	Muck Excavation	\$13.00	\$15,600.00
P-152-4.5	17,000	C.Y.	Borrow Excavation	\$15.00	\$255,000.00
P-154-5.1	2,800	C.Y.	Subbase Course	\$40.00	\$112,000.00
P-155-8.1	10,222	S.Y.	Lime Treated Subgrade	\$3.00	\$30,666.00
P-155-8.2	114	TON	Lime	\$220.00	\$25,080.00
P-156-5.1	10	ACRE	Temporary Seeding	\$1,000.00	\$10,000.00
P-156-5.3	12	EACH	Temporary Bailed Hay Sediment Check Dam	\$350.00	\$4,200.00
P-156-5.4	3,000	L.F.	Temporary Silt Fencing	\$3.00	\$9,000.00
P-209-5.1	10,166	S.Y.	Crushed Aggregate Base Course (10" Thick)	\$40.00	\$406,640.00
P-401-8.1a	2,900	TON	Bituminous Surface Course	\$120.00	\$348,000.00
P-602-5.1	2,700	GAL.	Bituminous Prime Coat	\$5.00	\$13,500.00
P-603-5.1	700	GAL.	Bituminous Tack Coat	\$3.50	\$2,450.00
P-620-5.1-1	10,000	S.F.	Runway and Taxiway Painting	\$1.50	\$15,000.00
P-620-5.1-2	915	POUND	Reflective Media	\$4.00	\$3,660.00
T-901-5.1	24.0	ACRE	Hydo seeding	\$1,800.00	\$43,200.00
L-108-5.3a	5,000	L.F.	Underground Cable #8 AWG 5 KV, installed in duct or conduit	\$1.35	\$6,750.00
L-108-5.3b	520	L.F.	Underground Cable 2 Conductor #14 AG Twisted Pair with ground, installed in duct or conduit	\$0.85	\$442.00
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	3,000	L.F.	Conduit 2" SCH 40 PVC, Direct buried	\$5.50	\$16,500.00
L-110-5.4	4	EACH	Type I Quazite Junction Box	\$1,300.00	\$5,200.00
L-110-5.5	2	EACH	Type II L-867D Junction Box	\$800.00	\$1,600.00
L-125-5.1a	20	EACH	Medium Intensity Elevated Base Mounted Taxiway Edge Light (L-861T-Q blue lens with 45 watt quartz lamp)	\$1,300.00	\$26,000.00
L-125-5.1b	4	EACH	Medium Intensity Elevated Base Mounted Runway Edge Light (L-861-Q with 45 watt quartz lamp)	\$1,500.00	\$6,000.00
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	\$6,600.00	\$13,200.00
L-125-5.1e	2	EACH	Relocate Runway End Identifier Lights (REILS) with Concrete Pad	\$2,000.00	\$4,000.00
L-125-5.1f	10	EACH	Removal of base mounted lighting fixtures and concrete pads	\$200.00	\$2,000.00
S-1001	10,166	S.Y.	Geotextile Fabric	\$2.50	\$25,415.00
S-1002	500	L.F.	Construction Haul Road	\$70.00	\$35,000.00
S-1003		Lump Sum	Mobilization	\$60,000.00	\$60,000.00
S-1004	4	Each	Splice and Remove or Reconnect 2" Conduit	\$225.00	\$900.00
S-1005	1	Lump Sum	Temporary Runway Painting	\$4,000.00	\$4,000.00

Sub-Total Estimated Construction Cost	\$1,634,203.00
Construction Contingency (10%)	\$163,420.30
Total Estimated Construction Cost	\$1,797,623.30

SUMMARY OF ESTIMATED PROJECT COST

City Of Slidell
2055 Second Street
Slidell, LA 70458

Slidell Municipal Airport
Extend Runway 18-36 and
Parallel Taxiway (500' South)

Administrative	\$11,000.00
Environmental Assessment and Permitting	\$200,000.00
Engineering Fee (Design Fee = \$102,500)	\$145,000.00
Resident Inspection	\$80,000.00
Geotechnical Investigations	\$12,000.00
Materials Testing	\$20,000.00

TOTAL ESTIMATED PROJECT COST	\$2,265,623.30
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Environmental, Engineering Design and Geotechnical to be completed under a Design Only Project \$302,500



SCALE:	1" = 800'
	DATE: OCTOBER 2017

EXTEND RUNWAY 18-36 AND
PARALLEL TAXIWAY (500 FT. SOUTH)

TITLE

SLIDELL MUNICIPAL AIRPORT
(KASD)