TABLE OF CONTENTSNORTH HOUSTON REGIONAL AIRPORTTXDOT SOLICITATION NO.: RFQ-CSJ-2512CNROE

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Texas Department of Transportation Aviation Division Request for Qualifications (RFQ) for Professional Engineering Services

Montgomery County, through its agent, the Texas Department of Transportation (TxDOT), intends to engage a professional engineering firm for services pursuant to Chapter 2254, Subchapter A, of the Government Code. TxDOT Aviation Division will solicit and receive qualification statements for the current aviation project as described below.

Current Project: Montgomery County; TxDOT CSJ/Project No.: 2512CNROE The TxDOT Project Manager is Robert Johnson

Scope: Provide engineering and design services, and at the agent's discretion, construction administration to:

- 1. Realign Taxiway F
- 2. Extend Taxiway D
- 3. Construct New Parallel Taxiway from Runway End 01 to Taxiway F
- 4. Remove Existing Pavement

The Agent, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all respondents that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit in response to this solicitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

The proposed contract is subject to 49 CFR Part 26 concerning the participation of Disadvantaged Business Enterprises (DBE).

The DBE goal for the design phase of the current project is 10%. The goal will be re-set for the construction phase.

To assist in your qualification statement preparation, the criteria, project diagram, and most recent Airport Layout Drawing is available online

<u>http://www.dot.state.tx.us/avn/avninfo/notice/consult/index.html</u> by selecting "Conroe-North Houston Regional Airport." The qualification statement should address a technical approach for the current scope only.

Response Procedure:

The successful firm will be selected on the basis of a Response. A prime provider may only submit one Response. If a prime provider submits more than one Response, that prime provider will be deemed non-responsive. The Response <u>must contain the required information</u>, and should address <u>the recommended information</u>, as listed below. Response submissions will be scored accordingly. If the Response is non-compliant with any of the following requirements, the Response may be deemed non-responsive.

- 1. Qualifications Statement (QS) The QS shall contain no more than <u>nine</u> <u>8.5x11-inch single-sided pages</u>.
 - a. QS Format:
 - i. Readability The submitter has latitude in formatting the QS for visual effectiveness. Graphics, tables, photos, and other visual aids are permitted within the nine allotted pages, except that Quick Response (QR) codes or other external link(s) are not permitted. There is no specific font, font size, color, or other formatting requirements, although a font size smaller than 10 is not recommended. Selection committee members may consider legibility and readability when scoring. Unreadable text will not be considered and may cause the QS to be deemed non-responsive. <u>It is the submitter's responsibility to provide a legible, readable document.</u>
 - b. QS Content It is recommended the QS include:
 - 1. The RFQ number, airport name, name of firm, firm address, email address, telephone number and contact information for key personnel. The response shall also identify each proposed project team member, each proposed member's time commitment to this project as a percentage of their total work week, and whether the proposed member is an employee of the responding firm or a sub-contractor to that firm.
 - c. QS Content For scoring purposes, the QS **must** include:
 - i. Information showing the firm's project understanding and technical approach, including similar project-related experience of the project manager and each task leader responsible for a major work category. For each project referenced, identify either the project manager's or the task leader's specific role(s) and work contributed. The project manager is required to be a Professional Engineer registered or licensed in Texas, by the submission deadline. If applicable to project, an Architect, is required to be registered or licensed in Texas, by the submission deadline. License number(s) must be included in the response submission.
 - ii. In addition to individual project-related experience of the

project manager and task leaders required under (ii), list no more than ten relevant projects performed by the responding firm within the last 10 years. This shall include project start date, airport name, location, phone number, and airport contact person's name, title, and phone number. It shall also include the original project completion time estimate vs. the actual completion time for the cited design project, as well as a brief narrative description of the project and whether or not your firm served as the prime or the sub on each project cited.

Project Design Schedule: Indicate the number of <u>weeks</u> (not months) necessary to design the project in accordance with "Project Design Schedule Information" below.

Respondent **must** include on the first page of its Response a written certification that the responding Company, or any of its holding companies or subsidiaries, is not:

- (a) Listed in Section 889 of the 2019 National Defense Authorization Act;
- (b) Listed in Section 1260H of the 2021 National Defense Authorization Act; or
- (c) Owned by the government of a country on the U.S. Department of Commerce's foreign adversaries list under 15 C.F.R Section 791.4; or
- (d) Controlled by any governing or regulatory body located in a country on the U.S. Department of Commerce's foreign adversaries list under 15 C.F.R Section 791.4.

The Response must be submitted in eGrants following the Submission Procedures at the end of this notice.

Project Design Schedule Information

Based on the published project scope and your technical approach, indicate the number of <u>weeks</u> (not months) necessary for each phase and total design time to design the project. Some of the basic responsibilities within each design phase are included for reference. Do not include TxDOT review time. Assume, however, that your work will require some revision after TxDOT review, and that the time required to address these comments should be included within your schedule. If time is required for specialized studies, indicate the additional time.

NOTE: This proposed schedule may set the basis for the contract deadlines in the professional services agreement if your firm is selected. A draft contract will be sent out to the selected firm to begin the fee proposal/negotiations phase.

Preliminary Report Phase

Attend pre-design conference Obtain and analyze necessary survey data Obtain and analyze necessary geotechnical data Prepare comprehensive report

Preliminary Design Phase

Attend project meeting(s) Prepare project drawings (70%) Provide all technical specifications Provide project cost estimate

Final Design Phase

Attend project meeting(s) Finalize drawings and contract documents (100%) Provide a revised opinion of probable total project costs Prepare a Construction Management Plan Update, if necessary, the Preliminary Report Prepare and submit airspace study to FAA

Evaluation Criteria for Architectural/Engineering Qualifications

1. Recent experience of the project team with comparable airport projects within the past ten years. (25 points)

Do the qualifications indicate that the project team has recent direct experience on other general aviation airports designing similar improvements to those proposed at this location?

2. Proposed technical approach (30 points)

Does the architect/engineer provide evidence of understanding of the project; and any unique architectural/engineering aspects associated with the proposed project and how to address them?

3. Project design schedule and ability to meet schedules and deadlines (25 points)

Does the proposed design team have sufficient time to work on this project? Has the firm demonstrated an ability to meet design schedules in the past? Reasonableness of proposed schedule.

4. Construction Management Experience (20 points)

The architect/engineer will oversee the airport construction. Therefore, it is critical that the architect/engineer be involved in the day-to-day construction activities through a full-time resident project representative and periodic site visits. What evidence do the

qualifications provide as to the architect/engineer's commitment to proactive and consistent representation during construction?

Submission Procedure:

The completed Response must be received in the TxDOT Aviation eGrants system no later than July 09, 2025, 2:00 PM. (CST).

Firms that wish to submit a Response to this solicitation must be a user in the TxDOT Aviation eGrants system no later than one business day before the solicitation due date. To request access to eGrants, please complete the Contact Us web form located at http://txdot.gov/government/funding/egrants-2016/aviation.html

The consultant selection committee will be composed of Aviation Division staff and one local selection committee member. The final selection by the committee will generally be made following the completion of review of Responses. The committee will review all Responses and rate and rank each. All firms will be notified, and the top-rated firm will be contacted to begin fee negotiations for the design and bidding phases. The selection committee does, however, reserve the right to conduct interviews for the top-rated firms if the committee deems it necessary. If interviews are conducted, selection will be made following interviews.

Please contact TxDOT Aviation for any technical or procedural questions at (800)-68-PILOT(74568). For procedural questions, please contact Brandy Schwettmann, Contract Specialist. For technical questions, please contact Robert Johnson, Project Manager.

For questions regarding responding to this solicitation in eGrants, please contact the TxDOT Aviation help desk at 1-800-687-4568 or *avn-egrantshelp@txdot.gov*.

Respondents are responsible for checking the TxDOT Aviation website regularly for any changes to the RFQ documents, such as Addenda. Here is a link to the TxDOT Aviation website for your convenience. <u>http://www.txdot.gov/inside-txdot/division/aviation/projects.html</u>.

Aviatior	n Divisio:	n	Texas Department of Transportation			
eGrants Workflo						
eGrants	s Role:	Subgrantee Administrator (SA) Subgrantee Staff (SS)				
eGrant eGrant		https://apps2.dot.state.tx.us/apps/egrants2/logout2.aspx eGrants help desk Monday – Friday 8AM – 4PM CD/ST (excluding state/federal holidays) <u>avn-egrantshelp@txdot.gov</u> or 1-800-687-4568				
STEP	ROLE	ACTIONS	NOTES			
01	SA	 Go to View Opportunities. a. Select <u>Apply Now</u> to the opportunity b. The RFQ Response Menu is opened 	Very important to click on the name of the document and not the organization name.			
			Make a note of the opportunity due date to ensure you respond in time			
02	SA/SS	Click on View, Edit and Complete Forms a. Select RFQ Applicant Form b. Confirm Project information and address c. Upload RFQ response <u>PLEASE MAKE SURE YOU</u> <u>SELECT THE CORRECT PDF FILE</u> <u>BEFORE CHANGING STATUS.*</u> d. Hit Save 	You should print the proposal document to a PDF so that it becomes un-editable.			
03	SA	When you are ready to submit your response, click on " <u>Save and submit to CS review</u> ". YOU ARE DONE	You will get an email saying the response was successfully submitted; the status must be changed to RFQ Response in CS Review by the due date and time posted in the solicitation.			
04	SA/SS	WAIT UNTIL A SELECTION NOTIFICATION IS SENT TO YOU				

05	SS/SA	AFTER SELECTION NOTIFICATION IS RECEIVED Log in to view status of response. Once the scores are verified, TxDOT will move the response to an interview, selected or not selected status of which you can log in to	The selection notification will refer users to eGrants to view the status of their response. User may also view the TxDOT website for selection information.
		see the status of your response.	

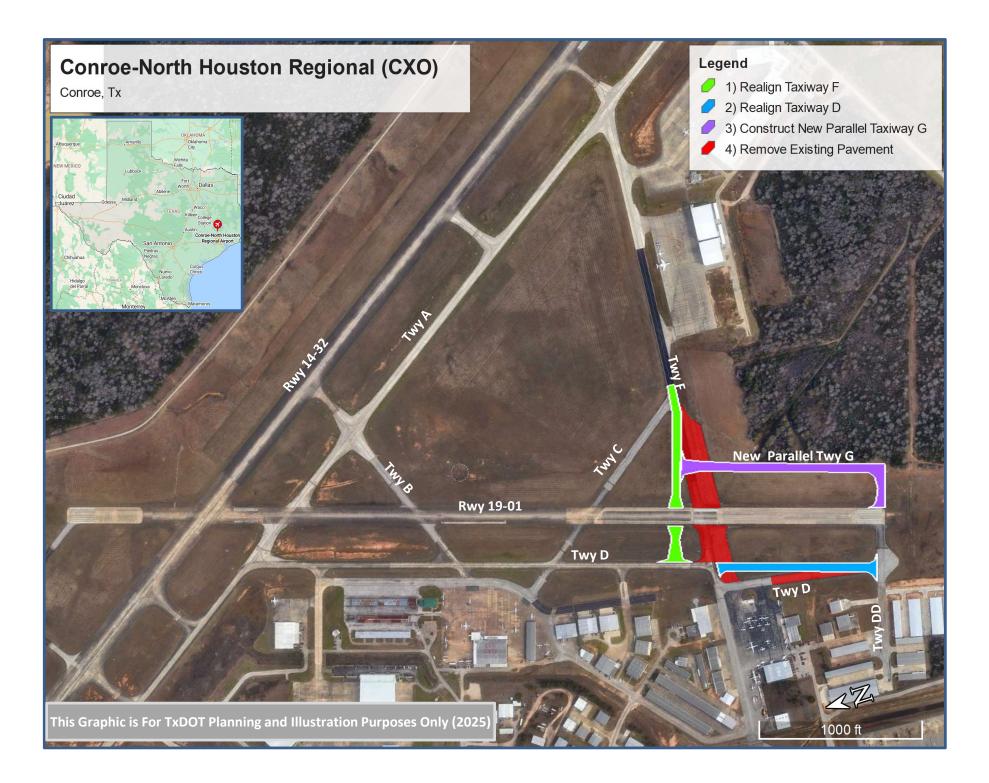
*If the responder posts the incorrect file.

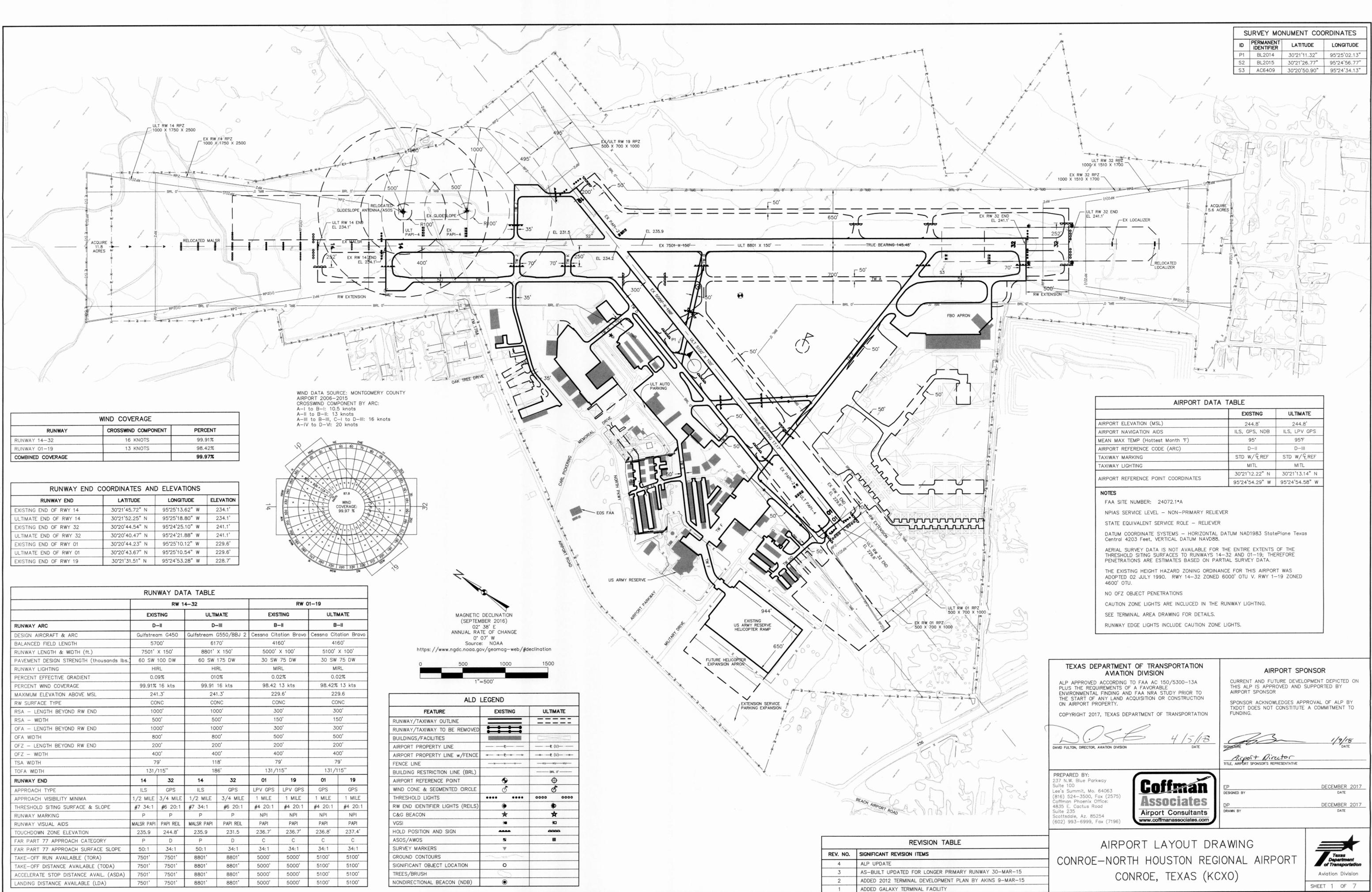
- If status has been changed and the due date for the response has not expired, contact the help desk to ask for the status to be administratively changed back to Response in Process.
- If the incorrect submission was posted, the incorrect file may be deleted, and the correct one posted as long as the status has not been changed to Response in CS Review. Respondent will need to check the "delete" box and hit save. The page refreshes. Then post the correct submission, save, and change the status.

If you are not set up in eGrants and wish to respond to a posted solicitation, you may contact the aviation help desk for assistance by using the webform available at

eGrants Help Desk Form

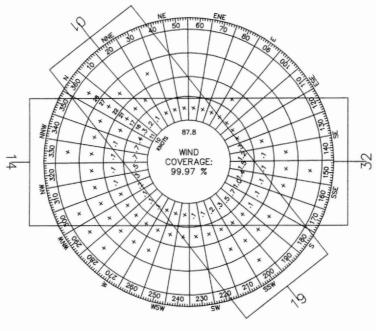
Some organizations will have many user members. Each organization should determine which user member will submit the completed submission in eGrants. After the opportunity is selected for the organization, it will no longer appear on any other user's home page unless the initiating user cancels the response.



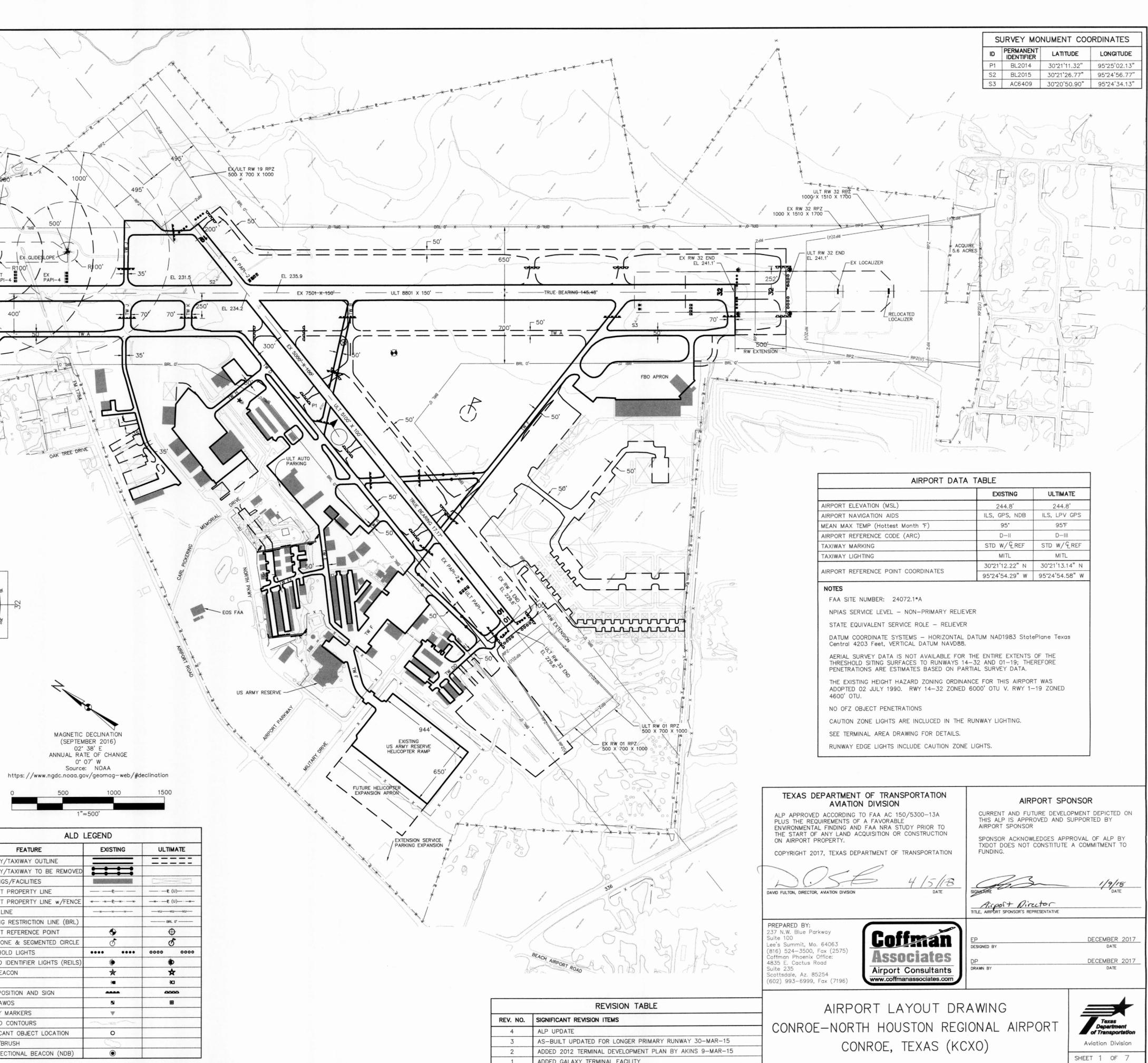


WIND COVERAGE				
RUNWAY	CROSSWIND COMPONENT	PERCENT		
RUNWAY 14-32	16 KNOTS	99.91%		
RUNWAY 01-19	13 KNOTS	98.42%		
COMBINED COVERAGE		99.97%		

RUNWAY END COORDINATES AND ELEVATIONS				
RUNWAY END	LATITUDE	LONGITUDE	ELEVATION	
EXISTING END OF RWY 14	30°21'45.72" N	95°25'13.62" W	234.1'	
ULTIMATE END OF RWY 14	30°21'52.25" N	95°25'18.80" W	234.1'	
EXISTING END OF RWY 32	30°20'44.54" N	95°24'25.10" W	241.1'	
ULTIMATE END OF RWY 32	30*20'40.47" N	95°24'21.88" W	241.1'	
EXISTING END OF RWY 01	30°20'44.23" N	95°25'10.12" W	229.6'	
ULTIMATE END OF RWY 01	30°20'43.67" N	95°25'10.54" W	229.6'	
EXISTING END OF RWY 19	30°21'31.51" N	95°24'53.28" W	228.7'	



	RUN	WAY DA	TA TABLE						
	RW 14-32				RW 01-19				
	EXISTING		ULTIMATE		EXISTING		ULTIMATE		
RUNWAY ARC	D-	-11	D-III		B—II		B–II		
DESIGN AIRCRAFT & ARC	Gulfstree	im G450	Gulfstream G550/BBJ 2		Cessna Citation Bravo		Cessna Citation Brave		
BALANCED FIELD LENGTH	57	00'	6170'		4160'		4160'		
RUNWAY LENGTH & WIDTH (ft.)	7501'	X 150'	8801' X 150'		5000' X 100'		5100' X 100'		
PAVEMENT DESIGN STRENGTH (thousands lbs.	60 SW	100 DW	60 SW	175 DW	30 SW	75 DW	30 SW 75 DW		
RUNWAY LIGHTING	HI	RL	HI	RL	М	RL	MIRL		
PERCENT EFFECTIVE GRADIENT	0.0	9%	01	0%	0.02%		0.02%		
PERCENT WIND COVERAGE	99.91%	16 kts	99.91 16 kts		98.42 13 kts		98.42% 13 kts		
MAXIMUM ELEVATION ABOVE MSL	241	1.3'	241.3'		229.6'		229.6		
RW SURFACE TYPE	CO	NC	CO	CONC		CONC		CONC	
RSA - LENGTH BEYOND RW END	100	00'	10	1000'		300'		300'	
RSA – WIDTH	500'		50	500'		150'		150'	
OFA - LENGTH BEYOND RW END	1000'		1000'		300'		300'		
OFA WIDTH	800'		800'		500'		500'		
OFZ - LENGTH BEYOND RW END	200'		200'		200'		200'		
OFZ - WIDTH	400'		400'		400'		400'		
TSA WIDTH	79'		118'		79'			9'	
TOFA WIDTH	131/	115"	186'		131/115"		131/115"		
RUNWAY END	14	32	14	32	01	19	01	19	
APPROACH TYPE	ILS	GPS	ILS	GPS	LPV GPS	LPV GPS	GPS	GPS	
APPROACH VISIBILITY MINIMA	1/2 MILE	3/4 MILE	1/2 MILE	3/4 MILE	1 MILE	1 MILE	1 MILE	1 MILE	
THRESHOLD SITING SURFACE & SLOPE	#7 34:1	#6 20:1	#7 34:1	#6 20:1	#4 20:1	#4 20:1	#4 20:1	#4 20:1	
RUNWAY MARKING	Р	Ρ	Р	Р	NPI	NPI	NPI	NPI	
RUNWAY VISUAL AIDS	MALSR PAPI	PAPI REIL	MALSR PAPI	PAPI REIL	PAPI	PAPI	PAPI	PAPI	
TOUCHDOWN ZONE ELEVATION	235.9	244.8'	235.9	231.5	236.7'	236.7'	236.8'	237.4'	
FAR PART 77 APPROACH CATEGORY	Р	D	Р	D	С	С	С	С	
FAR PART 77 APPROACH SURFACE SLOPE	50:1	34:1	50:1	34:1	34:1	34:1	34:1	34:1	
TAKE-OFF RUN AVAILABLE (TORA) 7501' 7501'		8801'	8801'	5000'	5000'	5100'	5100'		
TAKE-OFF DISTANCE AVAILABLE (TODA)	7501' 7501'		8801'	8801'	5000'	5000'	5100'	5100'	
ACCELERATE STOP DISTANCE AVAIL. (ASDA)	CE AVAIL. (ASDA) 7501' 7501'		8801'	8801'	5000'	5000'	5100'	5100'	
LANDING DISTANCE AVAILABLE (LDA) 7501' 750		7501'	8801'	8801'	5000'	5000'	5100'	5100'	



	LE
FEATURE	
RUNWAY/TAXIWAY OUTLINE	
RUNWAY/TAXIWAY TO BE REMOVED	
BUILDINGS/FACILITIES	
AIRPORT PROPERTY LINE	
AIRPORT PROPERTY LINE w/FENCE	
FENCE LINE	
BUILDING RESTRICTION LINE (BRL)	
AIRPORT REFERENCE POINT	
WIND CONE & SEGMENTED CIRCLE	
THRESHOLD LIGHTS	
RW END IDENTIFIER LIGHTS (REILS)	
C&G BEACON	
VGSI	
HOLD POSITION AND SIGN	
ASOS/AWOS	
SURVEY MARKERS	
GROUND CONTOURS	
SIGNIFICANT OBJECT LOCATION	
TREES/BRUSH	
NONDIRECTIONAL BEACON (NDB)	

	EXISTING	ULTIMATE	
AIRPORT ELEVATION (MSL)	244.8'	244.8'	
AIRPORT NAVIGATION AIDS	ILS, GPS, NDB	ILS, LPV GPS	
MEAN MAX TEMP (Hottest Month 'F)	95'	95 ° F	
AIRPORT REFERENCE CODE (ARC)	D-II	D-III	
TAXIWAY MARKING	STD W/ & REF	STD W/ & REF	
TAXIWAY LIGHTING	MITL	MITL	
AIRPORT REFERENCE POINT COORDINATES	30°21'12.22" N	30°21'13.14" N	
	95*24'54.29" W	95°24'54.58" W	
NOTES			
FAA SITE NUMBER: 24072.1*A			
NPIAS SERVICE LEVEL - NON-PRIMARY RELIEVER	2		
STATE EQUIVALENT SERVICE ROLE - RELIEVER			
DATUM COORDINATE SYSTEMS — HORIZONTAL DATUM NAD1983 StatePlane Texas Central 4203 Feet, VERTICAL DATUM NAVD88.			
AERIAL SURVEY DATA IS NOT AVAILABLE FOR THE ENTIRE EXTENTS OF THE THRESHOLD SITING SURFACES TO RUNWAYS 14-32 AND 01-19; THEREFORE PENETRATIONS ARE ESTIMATES BASED ON PARTIAL SURVEY DATA.			
THE EXISTING HEIGHT HAZARD ZONING ORDINANC ADOPTED 02 JULY 1990. RWY 14-32 ZONED 60 4600' OTU.			
NO OFZ OBJECT PENETRATIONS			
CAUTION ZONE LIGHTS ARE INCLUCED IN THE RUNWAY LIGHTING.			
SEE TERMINAL AREA DRAWING FOR DETAILS.			
RUNWAY EDGE LIGHTS INCLUDE CAUTION ZONE LIGHTS.			
	<u></u>		
PARTMENT OF TRANSPORTATION			

	TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION	AIRPORT SPONSOR		
	ALP APPROVED ACCORDING TO FAA AC 150/5300-13A PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING AND FAA NRA STUDY PRIOR TO	CURRENT AND FUTURE DEVELOPMENT DEPICTED ON THIS ALP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR		
	THE START OF ANY LAND ACQUISITION OR CONSTRUCTION ON AIRPORT PROPERTY. COPYRIGHT 2017, TEXAS DEPARTMENT OF TRANSPORTATION	SPONSOR ACKNOWLEDGES APPROVAL OF ALP BY TXDOT DOES NOT CONSTITUTE A COMMITMENT TO FUNDING.		
C	DAVID FULTON, DIRECTOR, AVIATION DIVISION DATE	SIGNATURE 1/9/18 DATE		
		Airport Director TITLE, AIRPORT SPONSOR'S REPRESENTATIVE		
	PREPARED BY: 237 N.W. Blue Parkway Suite 100 Lee's Summit, Mo. 64063 (816) 524–3500, Fax (2575) Coffman Phoenix Office: 4835 E. Cractus Road	EP DECEMBER 2017 DESIGNED BY DATE		
	4835 E. Cactus Road Suite 235 Scottsdale, Az. 85254 (602) 993–6999, Fax (7196)	DP DECEMBER 2017 DRAWN BY DATE		
	AIRPORT LAYOUT DR			
	CONROE-NORTH HOUSTON REGIONAL AIRPORT			
	CONROE, TEXAS (KCXO)			
	,	SHEET 1 OF 7		