entergy

Entergy Texas, Inc.
8630 Eastex Freeway
Beaumont, TX 77708

May 24, 2024

[First Name] [Last Name] [Suffix]
[Address_1]
[Address_2]
[City], [State] [Zip]

Property ID: [PROP_ID]

Re: SETEX Area Reliability Project

Dear Landowner,

Entergy Texas, Inc. (Entergy Texas or ETI) is committed to ensuring a safe, reliable, affordable, and sustainable supply of power for our customers. Part of that commitment requires working today to plan for our region's infrastructure requirements to meet future growth. Ensuring reliable and affordable electricity is critical to the future success of the communities in which we live and serve.

On May 7, 8, and 9, 2024, Entergy Texas held three Open Houses in Livingston, Willis, and Jasper, to present information about the Project. In recognition of the severe weather that impacted the Livingston area on May 2-3, 2024, **Entergy Texas has elected to hold an additional Open House on June 18, 2024 to ensure that landowners that may have been affected by flooding have another opportunity to attend.** The map and Questionnaire included in the notice letter dated April 15, 2024 will be available in hard copy at the June 18, 2024 Open House and are also currently available on the Project website. To allow for the submission of additional Questionnaires after the June 18, 2024 Open House, the deadline to submit Questionnaires is extended to June 25, 2024.

The additional Open House will be Tuesday, June 18, 2024 from 4-7pm at the Polk County Commerce Center. The Open House will have an informal "come-and-go" format consisting of staffed information stations addressing the various aspects of the Project.

Proposed Project

Entergy Texas, Inc. (Entergy Texas or ETI) is planning to construct a new single-circuit 500 kilovolt (kV) transmission line approximately 130 miles in length (depending on the route ultimately approved by the Public Utility Commission of Texas (PUCT)) in Jasper, Montgomery, Newton, Polk, San Jacinto, Trinity, Tyler, and Walker Counties (Project). The new transmission line will connect the proposed Babel 500 kV Switching Station to the proposed Running Bear Substation.

The proposed Babel Switching Station will be constructed at one of three potential locations currently under consideration that will connect into the existing Layfield to Hartburg 500 kV transmission line south of Toledo Bend Reservoir in Newton County.

The proposed Running Bear Substation will be constructed at one of multiple locations currently under consideration that will connect into either ETI's existing Lewis Creek facilities along Longstreet Road between Lake Conroe and Interstate Highway 45 or ETI's existing transmission facilities east of Willis between Farm-to-Market Road 1097 and County Line Road in Montgomery County.

ETI operates within the Midcontinent Independent System Operator, Inc. (MISO), which is a regional transmission organization that manages the flow of power across its footprint. MISO has identified this Project as required to comply with federal reliability standards. The Project will increase operational flexibility, help meet the growing power demands of Southeast Texas, and increase reliability and resiliency during extreme events, such as Winter Storm Uri.

It is important for us to make sure that you are fully informed of our plans and have an opportunity to share your thoughts with us. For this reason, we have established a Project website (https://www.entergytexas.com/transmission/setex/) that you can access and from which you may download materials explaining the Project and its relationship to your property. As noted above, Entergy Texas has previously held three Open Houses (at different locations within the study area) to present information about the Project, and will hold the following additional Open House:

- **June 18, 2024**: Polk County Commerce Center located at 1017 US 59 Loop N., Livingston, TX 77351 from 4:00pm to 7:00pm

What's Next?

There is a carefully structured process put in place and overseen by the PUCT. The process requires Entergy Texas to request that the PUCT approve the Project and select the route of the proposed transmission line by submitting an application to amend Entergy Texas's Certificate of Convenience and Necessity (CCN), which obligates Entergy Texas to provide reliable electric service. This application will include a diverse set of alternative routes from which the PUCT selects a route on which the Project will be constructed. Entergy Texas is in the early stages of this process where POWER Engineers, a consulting firm hired for the Project, has identified several preliminary alternative transmission line route segments between alternative stations.

Maps with greater detail and additional Project information are available on the Project's website (https://www.entergytexas.com/transmission/setex/) through a link titled "Online Open House." It should be noted that these route segments are only preliminary and are subject to change based on further study and information gathered during the Open Houses. Information on the website provides the opportunity to review Project details and offer feedback or comments. The feedback options are provided via a questionnaire, email, or phone voicemail system. The email address and phone number are listed at the bottom of this letter. Entergy Texas appreciates your comments and looks forward to communicating with you.

Landowners invited to attend the Open Houses include names listed on the current county tax rolls as owners of land within 500 feet of the center line of any proposed preliminary route segment. Your input, and that of others who may be affected by this Project is important, especially in evaluating locations for new transmission facilities and assessing the Project's impacts. The comment period

will be active from May 7, 2024 through June 25, 2024. All comments should be made during this seven-week period. Comments initiated after June 25, 2024 cannot be guaranteed to be incorporated in the Project decisions included in the CCN application.

Public Meetings

The Open Houses will have an informal "come-and-go" format consisting of staffed information stations addressing the various aspects of the Project. You will be able to review each station at your own pace, ask questions, and find out approximately where the proposed line segments are located in relation to your property. Entergy Texas will also make a questionnaire available to you to obtain your input before you leave or if you prefer to take with you, consider and return it no later than June 25, 2024.

Project Questionnaire

The information that you provide will be carefully considered in the transmission line route selection process. The best way for you to communicate this information is by completing the Project Questionnaire that will be available at the Open Houses, or available online through the Project website and the "Online Open House" link. You have three options for returning the Project Questionnaire: (1) email the Project Questionnaire to setex@entergy.com; (2) return in person at the Open House; or (3) return via U.S. mail using the address below. In the months following the Open House review period, Entergy Texas and POWER Engineers will develop a diverse set of alternative routes to be included in the application to be filed with the PUCT next year. At that time, Entergy Texas will provide notice of the application as prescribed by the PUCT rules. **All routes and route segments included in this notice are available for selection and approval by the PUCT**. If approved, only one route (consisting of multiple route segments) from the new Babel Switching Station to the new Running Bear Substation will be selected by the PUCT.

Any changes to the above dates or the stated processes above due to conditions that are unforeseen will be communicated on the Project website. Entergy Texas appreciates your patience and understanding during this time, and we look forward to our future discussion on this Project.

If you have any questions about the proposed transmission Project or upcoming Open House, please contact Brad Coleman and the Project team in one of the following manners:

By Mail:

Entergy Texas
Attn: Brad Coleman
8630 Eastex Freeway
Beaumont, TX 77708

By Project Questionnaire:

By completing the Questionnaire, available on the Project website using the "Online Open House" link and mailing to the Project email address below.

By Phone:
409-347-5125

By Email:
setex@entergy.com

We look forward to seeing or hearing from you.

Sincerely,

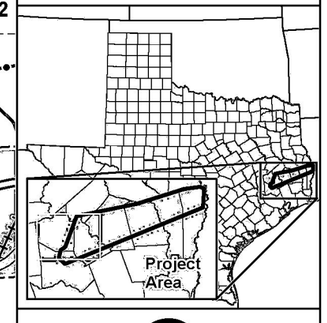
Stuart Barrett
Vice President, Customer Service

SETEX AREA RELIABILITY PROJECT

PRELIMINARY ALTERNATIVE ROUTE SEGMENTS

SHEET 1 OF 3

- Project Station
- Preliminary Alternative Segment, Node, and ID
- Existing Electrical Transmission Line
- Public Airport
- Private Airstrip
- Interstate Highway
- US Highway
- State Highway
- Farm-to-Market Road
- Railroad
- Waterbody
- National Forest/National Preserve Property Boundary
- City Limit
- County Boundary
- Sheet Boundary Matchline



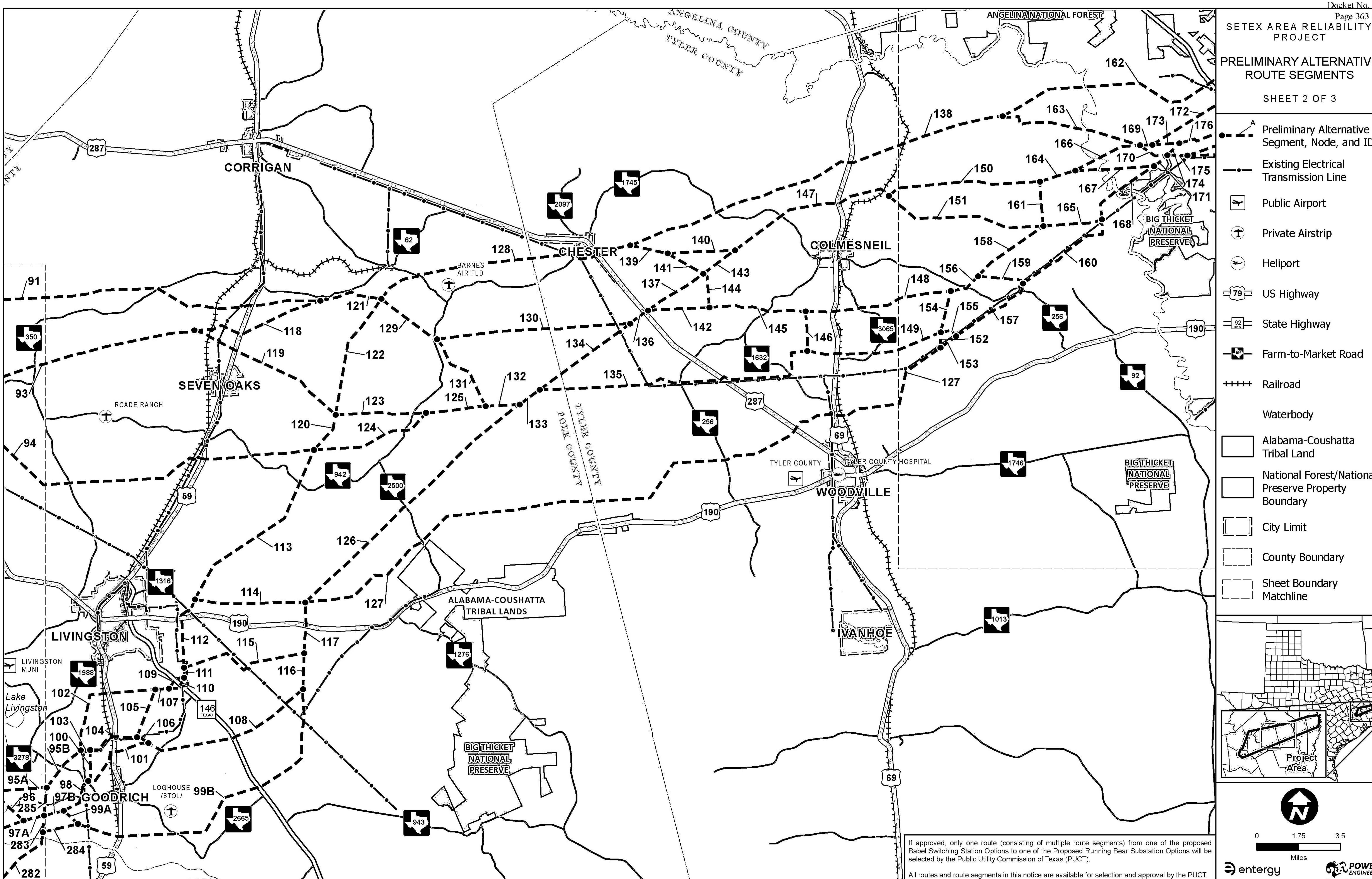
0 1.75 3.5
Miles

entergy
POWER ENGINEERS
Date: 5/20/2024

Proposed Running Bear Substation Option A
Proposed Running Bear Substation Option B
Proposed Running Bear Substation Option C
Proposed Running Bear Substation Option D

If approved, only one route (consisting of multiple route segments) from one of the proposed Babel Switching Station Options to one of the Proposed Running Bear Substation Options will be selected by the Public Utility Commission of Texas (PUCT).

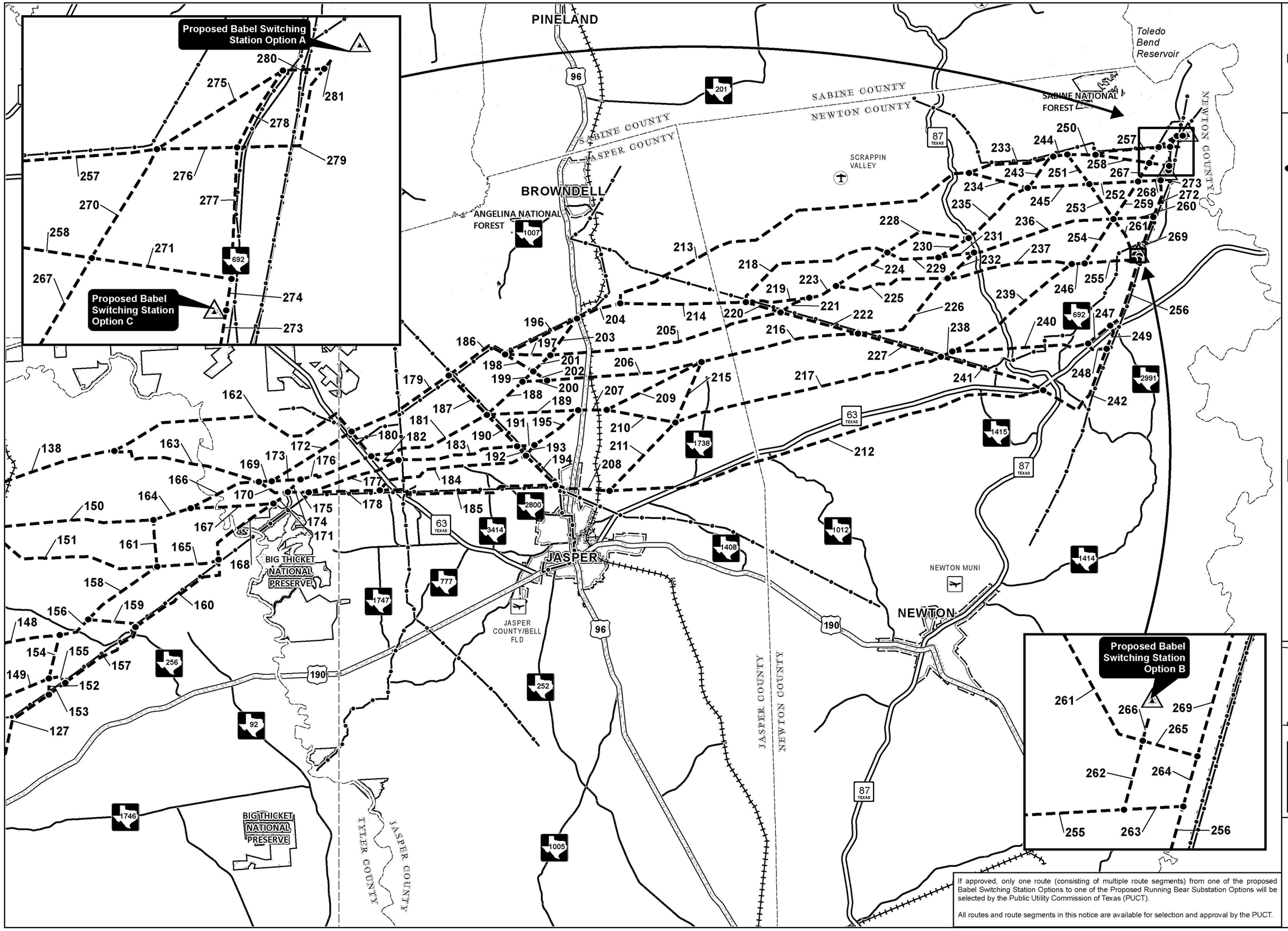
All routes and route segments in this notice are available for selection and approval by the PUCT.


SETEX AREA RELIABILITY PROJECT
PRELIMINARY ALTERNATIVE ROUTE SEGMENTS
SHEET 2 OF 3
Preliminary Alternative Segment, Node, and ID
Existing Electrical Transmission Line
Public Airport
Private Airstrip
Heliport
US Highway
State Highway
Farm-to-Market Road
Railroad
Waterbody
Alabama-Coushatta Tribal Land
National Forest/National Preserve Property Boundary
City Limit
County Boundary
Sheet Boundary Matchline
Project Area
0
1.75
3.5
Miles
entergy
POWER ENGINEERS
Date: 5/20/2024
If approved, only one route (consisting of multiple route segments) from one of the proposed Babel Switching Station Options to one of the Proposed Running Bear Substation Options will be selected by the Public Utility Commission of Texas (PUCT).
All routes and route segments in this notice are available for selection and approval by the PUCT.
ANGELINA COUNTY
TYLER COUNTY
POLK COUNTY
ANGELINA NATIONAL FOREST
CORRIGAN
CHESTER
COLMESNEIL
SEVEN OAKS
WOODVILLE
LIVINGSTON
GOODRICH
IVANHOE
BARNES AIR FLD
RCADE RANCH
TYLER COUNTY
TYLER COUNTY HOSPITAL
LIVINGSTON MUNI
LOGHOUSE /STOL/
Lake Livingston
ALABAMA-COUSHATTA TRIBAL LANDS
BIG THICKET NATIONAL PRESERVE
287
59
190
69
146
350
62
2097
1745
1632
3065
256
92
1746
942
2500
1316
1988
1276
1013
2665
943
3278

SETEX AREA RELIABILITY PROJECT

PRELIMINARY ALTERNATIVE ROUTE SEGMENTS

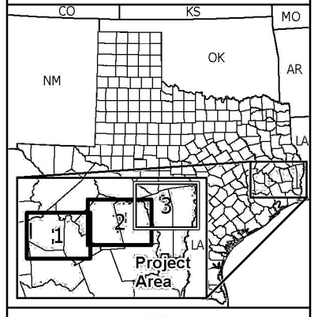
SHEET 3 OF 3



If approved, only one route (consisting of multiple route segments) from one of the proposed Babel Switching Station Options to one of the Proposed Running Bear Substation Options will be selected by the Public Utility Commission of Texas (PUCT).

All routes and route segments in this notice are available for selection and approval by the PUCT.

- Project Station
- Preliminary Alternative Segment, Node, and ID
- Existing Electrical Transmission Line
- Public Airport
- Private Airstrip
- US Highway
- State Highway
- Farm-to-Market Road
- Railroad
- Waterbody
- National Forest/National Preserve Property Boundary
- City Limit
- County Boundary
- Sheet Boundary Matchline



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Miles

entergy

POWER ENGINEERS

Date: 3/25/2024

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SETEX Area Reliability Project Questionnaire

Please Return to Entergy Texas, Inc. by June 7, 2024

Your responses to this questionnaire will help Entergy Texas understand your interests and concerns about the proposed SETEX Area Reliability Project. The information that you provide will be carefully considered in the transmission line route selection process. Please complete this questionnaire and then return it to Entergy Texas by mail or scan and send by email to the contact information below by June 7, 2024. You may also download and complete the questionnaire on the project website at https://www.entergy-texas.com/transmission/setex/.

Mail: Entergy Texas, Inc.
Attn: Brad Coleman
8630 Eastex Freeway
Beaumont, TX 77702

Phone: 409-347-5125

Email: setex@entergy.com

1. How did you review the project information (check all that apply)?

   Project Website/Online Open House ☐ Open House in May 2024 ☐

   Discussion with Project Team member ☐

2. In relation to the project information, rate each of the following:

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	N/A
I was given an opportunity to send or call in questions and receive answers.	O	O	O	O	O	O
Entergy Texas staff were knowledgeable about the event topic.	O	O	O	O	O	O
Entergy Texas staff responded to my issues and concerns.	O	O	O	O	O	O

Please explain your responses:

_____

_____

3. Were the exhibits and information presented during the Open House, through the Online Open House link, or on the project website helpful? N/A if you did not attend the Open House, go to the Online Open House link or the project website.

Yes ☐ No ☐ N/A ☐

How could we have improved the information provided?

_____

_____

_____

4. Which of the following apply to your situation? Check all that apply.

☐ I have property located in the project area.

☐ A potential line route segment is on my land or near my home or business. Applicable route segment(s):_____

☐ An existing transmission line is on my land or near my home. Applicable route segment(s):_____

☐ A potential substation site is on my land or near my home/business. Applicable substation site(s):_____

☐ Other. Please specify (e.g. I lease land and/or I am responsible for land improvements or upkeep near a potential line route segment or substation site).

_____

5. Entergy Texas and its consultant for this project, POWER Engineers, take many environmental and land use features into consideration when identifying possible routes for electric transmission facilities, including, but not limited to the following:

- Nearby residences, businesses, cemeteries, schools, churches, hospitals, nursing homes and other structures
- Nearby commercial radio transmitters, microwave relay stations or similar electronic installations
- Nearby parks and/or recreational areas
- Nearby historical or archaeological sites
- Nearby airport runways, airstrips, or heliports
- Agricultural areas irrigated by traveling irrigation systems
- Environmentally sensitive areas
- Threatened or endangered species
- Floodplains
- Existing Rights of Way

POWER Engineers has shown these features on the Environmental and Land Use Constraints Map on the Website. Are those features accurately located? N/A if you did not attend an Open House, go to the Online Open House link or the project website.

Yes ☐ No ☐ Don't Know ☐ N/A ☐

If no, please list the corrections below, mark them on the map, print and send with this form.

_____

_____

6. Are you aware of any other features that are not shown on the Environmental and Land Use Constraints Map? N/A if you did not attend an Open House, go to the Online Open House link or the project website.

Yes ☐ No ☐ N/A ☐

If yes, please list them below, mark them on the map, print and provide with this form.

_____

_____

7. Which route segment(s) do you prefer and why? Responding to this question does not constitute a "vote" for or against any proposed route segment(s).

_____

_____

_____

8. Which route segment(s) do you not favor and why? Responding to this question does not constitute a "vote" for or against any proposed route segments(s).

_____

_____

_____

9. Identifying a route and constructing transmission lines involves many considerations. Please rank these factors in the order of importance to you. Indicate the most important factor with a 1, second most important with a 2, third most important with a 3, and so on.

___ Maintain reliable electric service
___ Use or parallel existing electric transmission line right of way where possible
___ Parallel other existing compatible right of way (e.g. roads, highways) where possible
___ Parallel property lines where possible
___ Maximize distance from residences
___ Maximize distance from schools, churches, nursing homes, etc.
___ Maximize distance from commercial buildings
___ Maximize distance from historic sites or areas
___ Maximize distance from parks and recreational areas
___ Minimize visibility of the lines
___ Minimize environmental impacts
___ Other_____

10. Are there any other concerns you have with the alternative route segments or is there any other information you would like the project team to know or take into consideration when evaluating the alternative route segments for the new line?

Yes ☐ No ☐

If yes, please describe the location below, mark it on the map to show the location, print and send with this form.

_____

_____

_____

_____

11. Please provide your name and address below.

Name: _____ Date: _____

Address: _____

City, State, ZIP: _____

Telephone: _____

Email: _____

Please note that the preferences expressed above will be considered. However, Entergy Texas cannot guarantee its ability to accommodate these preferences. These Preliminary Alternative Route Segments are subject to modification through the Certificate of Convenience and Necessity process and proceeding. After Entergy Texas files its application, all routes and route segments will be available for selection and approval by the Public Utility Commission of Texas (PUCT). If approved, only one route will be selected by the PUCT.

If you would like an Entergy Texas representative to contact you to discuss this project further, please indicate and advise as to the nature of question(s) you have. This will help us better determine who best to contact you to respond to your questions. Please specify email or phone preference.

_____

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_____

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_____

Thank you for your comments.

SETEX Area Reliability Project Questionnaire

Please Return to Entergy Texas, Inc. by June 25, 2024

Your responses to this questionnaire will help Entergy Texas understand your interests and concerns about the proposed SETEX Area Reliability Project. The information that you provide will be carefully considered in the transmission line route selection process. Please complete this questionnaire and then return it to Entergy Texas by mail or scan and send by email to the contact information below by June 25, 2024. You may also download and complete the questionnaire on the project website at https://www.entergy-texas.com/transmission/setex/.

Mail: Entergy Texas, Inc.
Attn: Brad Coleman
8630 Eastex Freeway
Beaumont, TX 77702

Phone: 409-347-5125

Email: setex@entergy.com

1. How did you review the project information (check all that apply)?

   Project Website/Online Open House ☐ Open House in June 2024 ☐

   Discussion with Project Team member ☐

2. In relation to the project information, rate each of the following:

	Strongly agree	Agree	Neutral	Disagree	Strongly disagree	N/A
I was given an opportunity to send or call in questions and receive answers.	O	O	O	O	O	O
Entergy Texas staff were knowledgeable about the event topic.	O	O	O	O	O	O
Entergy Texas staff responded to my issues and concerns.	O	O	O	O	O	O

Please explain your responses:

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3. Were the exhibits and information presented during the Open House, through the Online Open House link, or on the project website helpful? N/A if you did not attend the Open House, go to the Online Open House link or the project website.

Yes ☐ No ☐ N/A ☐

How could we have improved the information provided?

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4. Which of the following apply to your situation? Check all that apply.

☐ I have property located in the project area.

☐ A potential line route segment is on my land or near my home or business. Applicable route segment(s):_____

☐ An existing transmission line is on my land or near my home. Applicable route segment(s):_____

☐ A potential substation site is on my land or near my home/business. Applicable substation site(s):_____

☐ Other. Please specify (e.g. I lease land and/or I am responsible for land improvements or upkeep near a potential line route segment or substation site).

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- Nearby residences, businesses, cemeteries, schools, churches, hospitals, nursing homes and other structures
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- Existing Rights of Way

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Yes ☐ No ☐ Don't Know ☐ N/A ☐

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Yes ☐ No ☐ N/A ☐

If yes, please list them below, mark them on the map, print and provide with this form.

_____

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___ Maintain reliable electric service
___ Use or parallel existing electric transmission line right of way where possible
___ Parallel other existing compatible right of way (e.g. roads, highways) where possible
___ Parallel property lines where possible
___ Maximize distance from residences
___ Maximize distance from schools, churches, nursing homes, etc.
___ Maximize distance from commercial buildings
___ Maximize distance from historic sites or areas
___ Maximize distance from parks and recreational areas
___ Minimize visibility of the lines
___ Minimize environmental impacts
___ Other_____

10. Are there any other concerns you have with the alternative route segments or is there any other information you would like the project team to know or take into consideration when evaluating the alternative route segments for the new line?

Yes ☐ No ☐

If yes, please describe the location below, mark it on the map to show the location, print and send with this form.

_____

_____

_____

_____

11. Please provide your name and address below.

Name: _____ Date: _____

Address: _____

City, State, ZIP: _____

Telephone: _____

Email: _____

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If you would like an Entergy Texas representative to contact you to discuss this project further, please indicate and advise as to the nature of question(s) you have. This will help us better determine who best to contact you to respond to your questions. Please specify email or phone preference.

_____

_____

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_____

_____

Thank you for your comments.

Frequently asked questions

SETEX Area Reliability Project

Entergy Texas, Inc.

What is Entergy Texas, Inc.?

Entergy Texas, Inc. (Entergy Texas or ETI) is an electric utility company that provides service to approximately 512,000 customers in 27 counties.

What is the SETEX Area Reliability Project?

ETI is planning to construct a new single-circuit 500 kilovolt (kV) transmission line approximately 130 miles in length (depending on the route ultimately approved by the Public Utility Commission of Texas (PUCT)) in Jasper, Montgomery, Newton, Polk, San Jacinto, Trinity, Tyler, and Walker Counties (Project).

The new transmission line will connect the proposed Babel 500 kV Switching Station to the proposed Running Bear Substation. The proposed Babel 500 kV Switching Station will be constructed at one of three potential locations currently under consideration that will connect into the existing Layfield to Hartburg 500 kV transmission line south of Toledo Bend Reservoir in Newton County.

The proposed Running Bear Substation will be constructed at one of multiple locations currently under consideration that will connect into either ETI's existing Lewis Creek facilities along Longstreet Road between Lake Conroe and Interstate Highway 45 or ETI's existing transmission facilities east of Willis between Farm-to-Market Road 1097 and County Line Road in Montgomery County.

The transmission line will typically utilize steel structures centered within a right-of-way that would be up to 225 feet wide.

The study area and approximate locations of the proposed end points are shown on the map on the website **https://www.entergy-texas.com/transmission/setex/.**

Why is the SETEX Area Reliability Project needed?

During the 2023 Midcontinent Independent System Operator, Inc. (MISO) Transmission Expansion Plan (MTEP23) process, MISO identified this Project as a Baseline Reliability Project (BRP) which is required to comply with Electric Reliability Organization (i.e., the North American Electric Reliability Corporation or NERC) reliability standards. The Project also meets the requirements detailed in Entergy's Local Planning Criteria. The Entergy Local Planning Criteria details the load serving capability criteria for constrained regions of the system, including existing load pockets such as ETI's Western Region. Finally, the Project will increase operational flexibility, help meet the growing power demands of Southeast Texas throughout ETI's Western Region and broader service territory, and increase reliability and resiliency during extreme events.

ETI's historically constrained Western Region load pocket has grown by approximately 5 percent per year over the last 5 years, and the Houston Metro area has swiftly expanded into ETI's service territory. While transmission upgrades have improved load serving capability over the years, the area remains constrained as growth in the region continues to increase. This Project will provide ETI with much needed operational flexibility and help address historical and ongoing load growth. By adding a new source of transmission to the constrained Western Region, the Project will also improve load serving capability and resilience during extreme events, such as Winter Storm Uri

Who ultimately approves if and where new lines are needed?

The PUCT ultimately decides if new lines are required to supply electric service. The PUCT also decides the route of new transmission lines will take to connect the remote ends. The PUCT makes its decision based on ETI's application to amend its Certificate of Convenience and Necessity (CCN), which includes a routing study conducted by a third-party consulting firm, POWER Engineers, Inc. (POWER) and the public's input as it relates to the project, including siting of the new electric facilities.

How does electricity get to homes?

Electric power is generated and travels through a network of high-voltage transmission lines and voltage transformation equipment connected at various voltage levels. At ETI, those voltage levels range from 69 kV to 500 kV and include those at 138 kV and 230 kV. The voltage is then reduced, or "stepped down," to a distribution-level voltage, typically 13 kV or 35 kV, through a transformer at a substation. The electricity is then distributed out of the substation along these lower voltage distribution lines, ultimately supplying the electrical power to homes and businesses.

How does Entergy Texas identify and consider routes for the transmission line?

ETI and its third-party routing consultant, POWER develop a study area that includes the remote end points of the transmission line – in this case the new Babel Switching Station and Running Bear Station. POWER gathers data, maps, aerial photos and input from federal and state agencies and local officials. POWER also conducts field reconnaissance from public access points like roads and highways. Using this information, POWER identifies environmental and land use constraints such as subdivisions, parks and known cultural resource sites within the study area. Several preliminary route segments connecting the end points are identified and drawn to avoid these constraints as much as practical, realizing it is not always reasonable or feasible to avoid all constraints. These preliminary route segments are then presented to the public at an open house. As the public input process continues, route segments may be modified, eliminated, or added. Ultimately, ETI staff will evaluate the routes using factors that include public input, human/natural/cultural resource impacts, engineering, construction, operation and maintenance issues, and cost. Under this process, ETI staff recommends several alternative routes connecting the project end points. These alternative routes are then included in ETI's CCN application that will be filed with the PUCT. **Once the CCN application is filed, all routes and route segments are available for selection and approval by the PUCT.** The PUCT will make the final decision whether to approve ETI's application and will select the route on which the transmission line and its facilities will be constructed.

What will the transmission line structures look like?

The project will use predominately steel single-circuit structures. Typical transmission structures supporting 500 kV lines will be approximately 100 to 140 feet above the ground with span lengths of approximately 800 to 1,200 feet between structures. A diagram of typical transmission structures will be presented on display boards at the open houses.

What are the next steps for this project?

After the open houses, ETI and POWER will evaluate all public comments and, if necessary, conduct additional engineering and environmental analysis of the preliminary alternative route segments. Some of the preliminary alternative route segments may be eliminated or modified. Others may be added based on public input and additional analysis. ETI will identify and evaluate, in detail, a set of primary alternative routes made up of the various alternative route segments. POWER will prepare an Environmental Assessment and Alternative Route Analysis Report (sometimes called an EA or routing study) for ETI to review. ETI will prepare the CCN application and submit it to the PUCT, which will include the EA. Upon submitting the CCN application (currently scheduled for the first quarter 2025), ETI will mail letters to landowners who are owners of land located within 500 feet of any proposed route, explaining how they can participate in the PUCT CCN proceeding. Public notifications regarding the CCN filing will also be published in newspapers in the affected areas. If the PUCT approves ETI's application, final notices will be sent to directly affected landowners who received notice of ETI's application advising them of the selected route, together with the PUCT's Final Order. The PUCT should reach a decision on the CCN application within six months after ETI files its application.

When will this 500 kV transmission line be in operation?

If approved by the PUCT, the new transmission line is scheduled to be operational by the end of 2028.

Anyone with questions about this Project, please contact Brad Coleman at 409-347-5125 or email at setex@entergy.com.

SETEX Area Reliability Project

Entergy Texas, Inc. (Entergy Texas or ETI) is planning to construct a new single-circuit 500 kilovolt (kV) transmission line approximately 130 miles in length (depending on the route ultimately approved by the Public Utility Commission of Texas (PUCT)) in Jasper, Montgomery, Newton, Polk, San Jacinto, Trinity, Tyler, and Walker Counties (Project). The new transmission line will connect the proposed Babel 500 kV Switching Station to the proposed Running Bear Substation.

The proposed Babel Switching Station will be constructed at one of three potential locations currently under consideration that will connect into the existing Layfield to Hartburg 500 kV transmission line south of Toledo Bend Reservoir in Newton County.

The proposed Running Bear Substation will be constructed at one of multiple locations currently under consideration that will connect into either ETI's existing Lewis Creek facilities along Longstreet Road between Lake Conroe and Interstate Highway 45 or ETI's existing transmission facilities east of Willis between Farm-to-Market Road 1097 and County Line Road in Montgomery County.

What is the purpose and need of the SETEX Area Reliability Project?

During the 2023 Midcontinent Independent System Operator, Inc. (MISO) Transmission Expansion Plan (MTEP23) process, MISO identified this project as a Baseline Reliability Project (BRP) which is required to comply with Electric Reliability Organization (i.e., the North American Electric Reliability Corporation or NERC) reliability standards. The Project also meets the requirements detailed in Entergy's Local Planning Criteria. The Entergy Local Planning Criteria details the load serving capability criteria for constrained regions of the system, including existing load pockets such as ETI's Western Region. Finally, the Project will increase operational flexibility, help meet the growing power demands of Southeast Texas throughout ETI's Western Region and broader service territory, and increase reliability and resiliency during extreme events.

ETI's historically constrained Western Region load pocket has grown by approximately 5 percent per year over the last 5 years, and the Houston Metro area has swiftly expanded into ETI's service territory. While transmission upgrades have improved load serving capability over the years, the area remains constrained as growth in the region continues to increase. This Project will provide ETI with much needed operational flexibility and help address historical and ongoing load growth.

By adding a new source of transmission to the constrained Western Region, the project will also improve load serving capability and resilience during extreme events, such as Winter Storm Uri.

The proposed project will require the following scopes of work:

1) Design and build the new Babel 500 kV Switching Station:

Construct a new 500 kV Six Breaker Ring Substation that will tap the existing Layfield to Hartburg 500 kV transmission line.

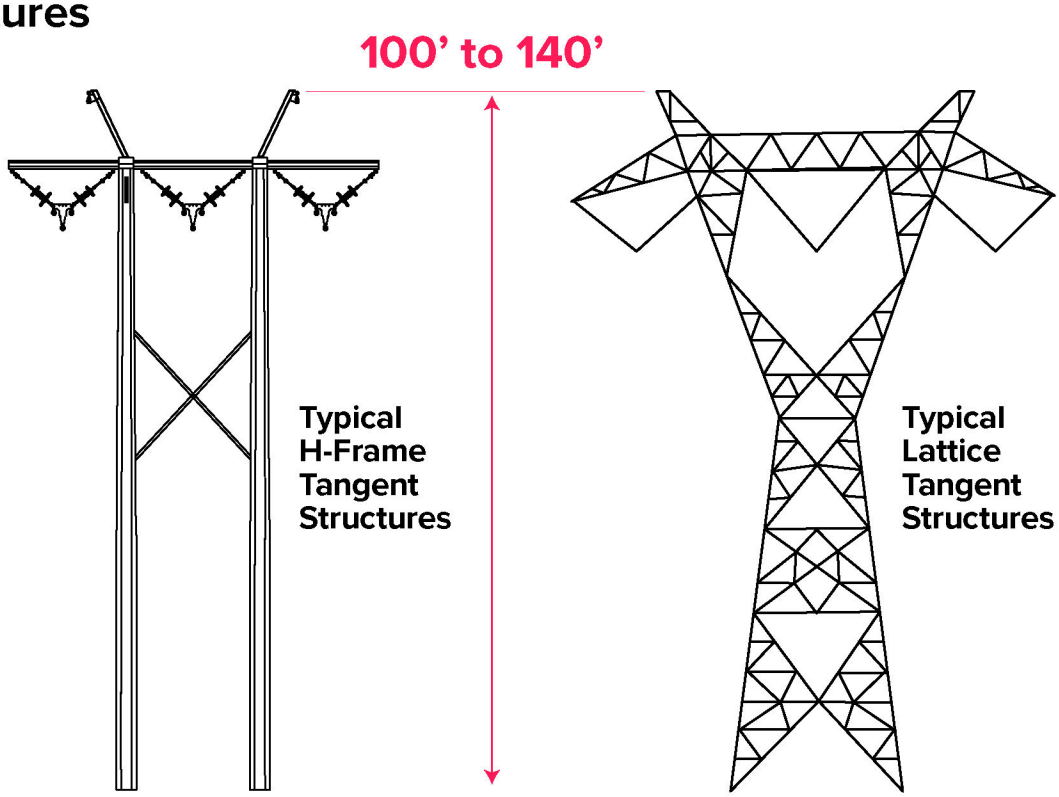
2) Design and build the new Running Bear 500 kV Substation:

Construct a new 500/230/138 kV Substation near ETI's existing Lewis Creek generation and transmission facilities or ETI's existing transmission facilities east of Willis, TX.

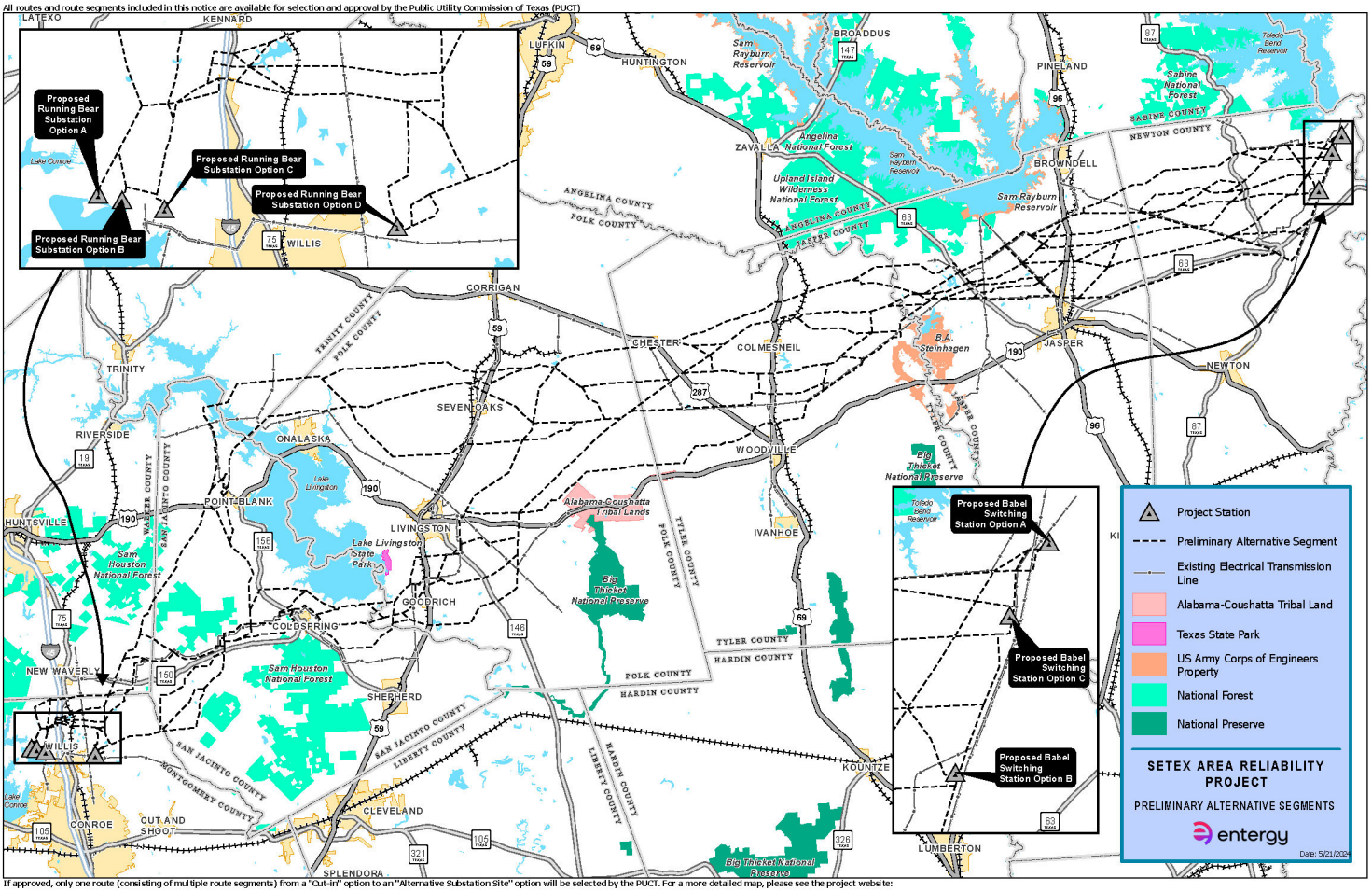
3) Design and build the new Babel to Running Bear 500 kV Transmission Line:

The new transmission line will be a new single-circuit 500 kV transmission line that would connect the proposed Babel and Running Bear stations.

Typical Structures



Typical structure shown. Structures along the route are subject to change based upon location and design requirements.



SETEX Area Reliability Project

Land use

01 Length of alternative route
02 Number of habitable structures[1] within 500 feet of the route centerline
03 Length of route utilizing existing electric facility right-of-way (ROW)
04 Length of route parallel to existing electric facility ROW
05 Length of route parallel to other existing compatible ROW (roads, highways, railway, or telephone utility ROW, etc.)
06 Length of route parallel to apparent property lines[2] (or other natural or cultural features)
07 Sum of evaluation criteria 3, 4, 5 and 6
08 Percent of evaluation criteria 3, 4, 5 and 6
09 Length of route parallel to pipeline ROW
10 Length of route across parks/recreational areas[3]
11 Number of additional parks/recreational areas[3] within 1,000 feet of the route centerline
12 Length of route across cropland
13 Length of route across pasture/rangeland
14 Length of route across land irrigated by traveling systems (rolling or pivot type)
15 Length of route across gravel pits, mines, or quarries
16 Number of pipeline crossings
17 Number of electric transmission line crossings
18 Number of Interstate (IH), US Highway (US Hwy), and State Highway (SH) crossings
19 Number of Farm-to-Market (FM) or Ranch-to-Market (RM) road crossings
20 Number of private use airstrips within 10,000 feet of the route centerline
21 Number of heliports within 5,000 feet of the route centerline
22 Number of FAA registered airports[4] (runways >3,200 feet) within 20,000 feet of the route centerline
23 Number of FAA registered airports[4] (runways <3,200 feet) within 10,000 feet of the route centerline
24 Number of commercial Amplitude Modulation (AM) radio transmitters within 10,000 feet of the route centerline
25 Number of Frequency Modulation radio (FM radio), microwave towers, etc. within 2,000 feet of the route centerline
26 Number of existing water wells within 200 feet of the route centerline
27 Number of oil and gas wells within 200 feet of the route centerline

Aesthetics

28 Estimated length of route within foreground visual zone[5] of US, Interstate, and State highways
29 Estimated length of route within foreground visual zone[5] of FM/RM roads
30 Estimated length of route within foreground visual zone[5] of parks/recreational areas[3]

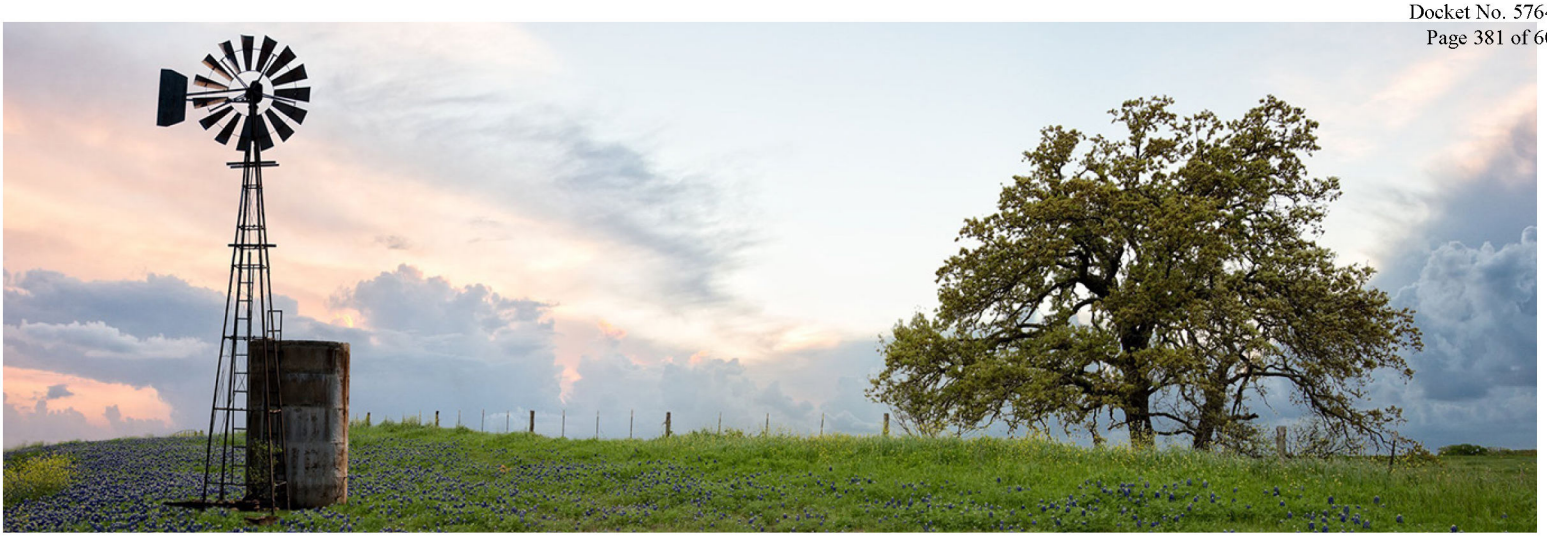
Ecology

31 Length of route across bottomland/riparian forest
32 Length of route across upland forest
33 Acreage of route across National Wetland Inventory (NWI) mapped forested or scrub/shrub wetlands
34 Acreage of route across NWI mapped emergent wetlands
35 Length of route across known critical habitat of federally-listed threatened or endangered species
36 Length of route across open water (lakes, ponds, etc.)
37 Number of stream/canal crossings
38 Number of navigable waterway crossings
39 Length of route parallel (within 100 feet) to natural streams or rivers
40 Length of route across FEMA mapped 100-year floodplains

Cultural resources

41 Number of cemeteries within 1,000 feet of the route centerline
42 Number of recorded historic or archaeological resources crossed by route
43 Number of additional recorded historic or archaeological resources within 1,000 feet of route centerline
44 Number of resources determined eligible for or listed on the National Register of Historic Places crossed by route
45 Number of additional resources determined eligible for or listed on the National Register of Historic Places within 1,000 feet of route centerline
46 Length of route across high archaeological/historical site potential

1 Single-family and multi-family dwellings, and related structures, etc., mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, schools or other structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis within 500 feet of the centerline of a transmission project of 230 kV or more.
2 Apparent Property lines created by existing roads, highway, or railroad ROW are not "double-counted" in the length of route parallel to apparent property lines criteria.
3 Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church within 1,000 feet of the centerline of the project.
4 As listed in the Chart Supplement South Central U.S. (FAA 2023b formerly known as the Airport/Facility Directory South Central U.S.), FAA 2023a.
5 One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of interstates, US and state highway criteria are not "double-counted" in the length of ROW within the foreground visual zone of FM roads criteria.
6 One-half mile, unobstructed. Lengths of ROW within the foreground visual zone of parks/recreational areas may overlap with the total length of ROW within the foreground visual zone of interstates, US and state highway criteria and/or with the total length of ROW within the foreground visual zone of FM roads criteria.



THE STATE OF TEXAS

LANDOWNER'S BILL OF RIGHTS

This Landowner's Bill of Rights applies to any attempt to condemn your property. The contents of this Bill of Rights are set out by the Texas Legislature in Texas Government Code section 402.031 and chapter 21 of the Texas Property Code. Any entity exercising eminent domain authority must provide a copy of this Bill of Rights to you.

1. You are entitled to receive adequate compensation if your property is condemned.
2. Your property can only be condemned for a public use.
3. Your property can only be condemned by a governmental entity or private entity authorized by law to do so.
4. The entity that wants to acquire your property must notify you that it intends to condemn your property.
5. The entity proposing to acquire your property must provide you with a written appraisal from a certified appraiser detailing the adequate compensation you are owed for your property.
6. If you believe that a registered easement or right-of-way agent acting on behalf of the entity that wants to acquire your property has engaged in misconduct, you may file a written complaint with the Texas Real Estate Commission (TREC) under section 1101.205 of the Texas Occupations Code. The complaint should be signed and may include any supporting evidence.
7. The condemning entity must make a bona fide offer to buy the property before it files a lawsuit to condemn the property—meaning the condemning entity must make a good faith offer that conforms with chapter 21 of the Texas Property Code.
8. You may hire an appraiser or other professional to determine the value of your property or to assist you in any condemnation proceeding.
9. You may hire an attorney to negotiate with the condemning entity and to represent you in any legal proceedings involving the condemnation.
10. Before your property is condemned, you are entitled to a hearing before a court-appointed panel of three special commissioners. The special commissioners must determine the amount of compensation the condemning entity owes for condemning your property. The commissioners must also determine what compensation, if any, you are entitled to receive for any reduction in value of your remaining property.
11. If you are unsatisfied with the compensation awarded by the special commissioners, or if you question whether the condemnation of your property was proper, you have the right to a trial by a judge or jury. You may also appeal the trial court's judgment if you are unsatisfied with the result.

PREPARED BY THE OFFICE OF THE ATTORNEY GENERAL OF TEXAS • JANUARY 2022

CONDEMNATION PROCEDURE

Eminent domain is the legal authority certain governmental and private entities have to condemn private property for public use in exchange for adequate compensation. Only entities authorized by law to do so may condemn private property. Private property can include land and certain improvements that are on that property.

WHO CAN I HIRE TO HELP ME?

You can hire an appraiser or real estate professional to help you determine the value of your property as well as an attorney to negotiate with a condemning entity or to represent you during condemnation proceedings.

WHAT QUALIFIES AS A PUBLIC PURPOSE OR USE?

Your property may be condemned only for a purpose or use that serves the general public. This could include building or expanding roadways, public utilities, parks, universities, and other infrastructure serving the public. Texas law does not allow condemning authorities to exercise eminent domain for tax revenue or economic development.

WHAT IS ADEQUATE COMPENSATION?

Adequate compensation typically means the market value of the property being condemned. It could also include certain damages if your remaining property's market value is diminished by the condemnation or the public purpose for which it is being condemned.

OTHER THAN ADEQUATE COMPENSATION, WHAT OTHER COMPENSATION COULD I BE OWED?

If you are displaced from your residence or place of business, you may be entitled to reimbursement for reasonable expenses incurred while moving to a new site. However, reimbursement costs may not be available if those expenses are recoverable under another law. Also, reimbursement costs are capped at the market value of the property.

WHAT DOES A CONDEMNOR HAVE TO DO BEFORE CONDEMNING MY PROPERTY?

- Provide you a copy of this Landowner's Bill of Rights before, or at the same time as, the entity first represents that it possesses eminent domain authority. It is also required to send this Landowner's Bill of Rights to the last known address of the person listed as the property owner on the most recent tax roll at least seven days before making its final offer to acquire the property.
  - If the condemnor seeks to condemn a right-of-way easement for a pipeline or electric transmission line and is a private entity, the condemnor must also provide you a copy of the Landowner's Bill of Right's addendum.
  - The addendum describes the standard terms required in an instrument conveying property rights (such as a deed transferring title or an easement spelling out the easement rights) and what terms you can negotiate.
- Make a bona fide offer to purchase the property. This process is described more fully in chapter 21 of the Texas Property Code. A "bona fide offer" involves both an initial written offer as well as a final written offer.
  - The initial written offer must include:
    - a copy of the Landowner's Bill of Rights and addendum (if applicable);
    - either a large-font, bold-print statement saying whether the offered compensation includes damages to the remainder of your remaining property or a formal appraisal of the property that identifies any damages to the remaining property (if any);
    - the conveyance instrument (such as an easement or deed); and
    - the name and telephone number of an employee, affiliate, or legal representative of the condemning entity.
  - The final written offer must be made at least 30 days after the initial written offer and must include, if not previously provided:
    - compensation equal to or more than the amount listed in a written, certified appraisal that is provided to you;
    - copies of the conveyance instrument; and
    - the Landowner's Bill of Rights.
- Disclose any appraisal reports. When making its initial offer, the condemning entity must share its appraisal reports that relate to the property from the past 10 years. You have the right to discuss the offer with others and to either accept or reject the offer made by the condemning entity.

WHAT IF I DO NOT ACCEPT AN OFFER BY THE CONDEMNING AUTHORITY?

The condemnor must give you at least 14 days to consider the final offer before filing a lawsuit to condemn your property, which begins the legal condemnation process.

HOW DOES THE LEGAL CONDEMNATION PROCESS START?

The condemnor can start the legal condemnation process by filing a lawsuit to acquire your property in the appropriate court of the county where the property is located. When filing the petition, the condemnor must send you a copy of the petition by certified mail, return receipt requested, and first class mail. It must also send a copy to your attorney if you are represented by counsel.

WHAT DOES THE CONDEMNOR HAVE TO INCLUDE IN THE LAWSUIT FILED WITH THE COURT?

The lawsuit must describe the property being condemned and state the following: the public use; your name; that you and the condemning entity were unable to agree on the value of the property; that the condemning entity gave you the Landowner's Bill of Rights; and that the condemning entity made a bona fide offer to voluntarily purchase the property from you.

SPECIAL COMMISSIONERS' HEARING AND AWARD

No later than 30 days after the condemning entity files a condemnation lawsuit in court, the judge will appoint three local landowners to serve as special commissioners and two alternates. The judge will promptly give the condemnor a signed order appointing the special commissioners and the condemnor must give you, your lawyer, and other parties a copy of the order by certified mail, return receipt requested. The special commissioners will then schedule a condemnation hearing at the earliest practical time and place and to give you written notice of the hearing.

WHAT DO THE SPECIAL COMMISSIONERS DO?

The special commissioners' job is to decide what amount of money is adequate to compensate you for your property. The special commissioners will hold a hearing where you and other interested parties may introduce evidence. Then the special commissioners will determine the amount of money that is adequate compensation and file their written decision, known as an "Award," in the court with notice to all parties. Once the Award is filed, the condemning entity may take possession and start using the property being condemned, even if one or more parties object to the Award of the special commissioners.

ARE THERE LIMITATIONS ON WHAT THE SPECIAL COMMISSIONERS CAN DO?

Yes. The special commissioners are tasked only with determining monetary compensation for the value of the property condemned and the value of any damages to the remaining property. They do not decide whether the condemnation is necessary or if the public use is proper. Further, the special commissioners do not have the power to alter the terms of an easement, reduce the size of the land acquired, or say what access will be allowed to the property during or after the condemnation. The special commissioners also cannot determine who should receive what portion of the compensation they award. Essentially, the special commissioners are empowered only to say how much money the condemnor should pay for the land or rights being acquired.

WHO CAN BE A SPECIAL COMMISSIONER?

Special commissioners must be landowners and residents in the county where the condemnation proceeding is filed, and they must take an oath to assess the amount of adequate compensation fairly, impartially, and according to the law.

WHAT IF I WANT TO OBJECT TO A SPECIAL COMMISSIONER?

The judge must provide to the parties the names and contact information of the special commissioners and alternates. Each party will have up to 10 days after the date of the order appointing the special commissioners or 20 days after the date the petition was filed, whichever is later, to strike one of the three special commissioners. If a commissioner is struck, an alternate will serve as a replacement. Another party may strike a special commissioner from the resulting panel within three days after the date the initial strike was filed or the date of the initial strike deadline, whichever is later.

WHAT WILL HAPPEN AT THE SPECIAL COMMISSIONERS' HEARING?

The special commissioners will consider any evidence (such as appraisal reports and witness testimony) on the value of your condemned property, the damages or value added to remaining property that is not being condemned, and the condemning entity's proposed use of the property.

WHAT ARE MY RIGHTS AT THE SPECIAL COMMISSIONERS' HEARING?

You have the right to appear or not appear at the hearing. If you do appear, you can question witnesses or offer your own evidence on the value of the property. The condemning entity must give you all existing appraisal reports regarding your property used to determine an opinion of value at least three days before the hearing. If you intend to use appraisal reports to support your claim about adequate compensation, you must provide them to the condemning entity 10 days after you receive them or three business days before the hearing, whichever is earlier.

DO I HAVE TO PAY FOR THE SPECIAL COMMISSIONERS' HEARING?

If the special commissioners' award is less than or equal to the amount the condemning entity offered to pay before the proceedings began, then you may be financially responsible for the cost of the condemnation proceedings. But, if the award is more than the condemning entity offered to pay before the proceedings began, then the condemning entity will be responsible for the costs.

WHAT DOES THE CONDEMNOR NEED TO DO TO TAKE POSSESSION OF THE PROPERTY?

Once the condemning entity either pays the amount of the award to you or deposits it into the court's registry, the entity may take possession of the property and put the property to public use. Non-governmental condemning authorities may also be required to post bonds in addition to the award amount. You have the right to withdraw funds that are deposited into the registry of the court, but when you withdraw the money, you can no longer challenge whether the eminent domain action is valid—only whether the amount of compensation is adequate.

OBJECTING TO THE SPECIAL COMMISSIONERS' AWARD

If you, the condemning entity, or any other party is unsatisfied with the amount of the award, that party can formally object. The objection must be filed in writing with the court and is due by the first Monday following the 20th day after the clerk gives notice that the commissioners have filed their award with the court. If no party timely objects to the special commissioners' award, the court will adopt the award amount as the final compensation due and issue a final judgment in absence of objection.

WHAT HAPPENS AFTER I OBJECT TO THE SPECIAL COMMISSIONERS' AWARD?

If a party timely objects, the court will hear the case just like other civil lawsuits. Any party who objects to the award has the right to a trial and can elect whether to have the case decided by a judge or jury.

WHO PAYS FOR TRIAL?

If the verdict amount at trial is greater than the amount of the special commissioners' award, the condemnor may be ordered to pay costs. If the verdict at trial is equal to or less than the amount the condemnor originally offered, you may be ordered to pay costs.

IS THE TRIAL VERDICT THE FINAL DECISION?

Not necessarily. After trial any party may appeal the judgment entered by the court.

DISMISSAL OF THE CONDEMNATION ACTION

A condemnation action may be dismissed by either the condemning authority itself or on a motion by the landowner.

WHAT HAPPENS IF THE CONDEMNING AUTHORITY NO LONGER WANTS TO CONDEMN MY PROPERTY?

If a condemning entity decides it no longer needs your condemned property, it can file a motion to dismiss the condemnation proceeding. If the court grants the motion to dismiss, the case is over, and you can recover reasonable and necessary fees for attorneys, appraisers, photographers, and for other expenses up to that date.

WHAT IF I DO NOT THINK THE CONDEMNING ENTITY HAS THE RIGHT TO CONDEMN MY PROPERTY?

You can challenge the right to condemn your property by filing a motion to dismiss the condemnation proceeding. For example, a landowner could challenge the condemning entity's claim that it seeks to condemn the property for a public use. If the court grants the landowner's motion, the court may award the landowner reasonable and necessary fees and expenses incurred to that date.

CAN I GET MY PROPERTY BACK IF IT IS CONDEMNED BUT NEVER PUT TO A PUBLIC USE?

You may have the right to repurchase your property if your property is acquired through eminent domain and:

- the public use for which the property was acquired is canceled before that property is put to that use,
- no actual progress is made toward the public use within 10 years, or
- the property becomes unnecessary for public use within 10 years.

The repurchase price is the price you were paid at the time of the condemnation.

ADDITIONAL RESOURCES AND ADDENDA

For more information about the procedures, timelines, and requirements outlined in this document, see chapter 21 of the Texas Property Code. An addenda discussing the terms required for an instrument of conveyance under Property Code section 21.0114(c), and the conveyance terms that a property owner may negotiate under Property Code section 21.0114(d), is attached to this statement.

The information in this statement is intended to be a summary of the applicable portions of Texas state law as required by HB 1495, enacted by the 80th Texas Legislature, Regular Session, and HB 2730, enacted by the 87th Texas Legislature, Regular Session. This statement is not legal advice and is not a substitute for legal counsel.

THE STATE OF TEXAS LANDOWNER'S BILL OF RIGHTS

ADDENDUM A:

Required Terms for an Instrument Conveying a Pipeline Right-of-Way Easement or an Easement Related to Pipeline Appurtenances[1]

(1) The maximum number of pipelines that may be installed in the right-of-way acquired through this instrument is _____.

(2) The types of pipeline appurtenances that are authorized to be installed under this instrument for pipeline-related appurtenances, such as pipes, valves, compressors, pumps, meters, pigging stations, dehydration facilities, electric facilities, communication facilities, and any other appurtenances that may be necessary or desirable in connection with a pipeline, are described as follows: _____.

(3) The maximum diameter, excluding any protective coating or wrapping, of each pipeline to be initially installed under this instrument for a pipeline right-of-way is _____.

(4) For each pipeline to be installed under this instrument, the type or category of substances permitted to be transported through each pipeline is _____.

(5) Any aboveground equipment or facility that Grantee[2] intends to install, maintain, or operate under this instrument on the surface of the pipeline easement is described as follows: _____.

(6) A description or illustration of the location of the easement, including a metes and bounds or centerline description, plat, or aerial or other map-based depiction of the location of the easement on the property, is attached as Exhibit _____.

(7) The maximum width of the easement under this instrument is _____.

(8) For each pipeline to be installed under this instrument, the minimum depth at which the pipeline will initially be installed is _____.

(9) The entity installing pipeline(s) under this instrument: (check one)

- ☐ intends to double-ditch areas of the pipeline easement that are not installed by boring or horizontal directional drilling.
- ☐ does not intend to double-ditch areas of the pipeline easement that are not installed by boring or horizontal directional drilling.

(10) Grantee shall provide written notice to Grantor[3], at the last known address of the person in whose name the property is listed on the most recent tax roll of any taxing unit authorized to levy property taxes against the property, if and when Grantee assigns any interest conveyed under this instrument to another entity, provided that this provision does not require notice by Grantee for assignment to an affiliate or to a successor through merger, consolidation, or other sale or transfer of all or substantially all of its assets and businesses.

(11) The easement rights conveyed by this instrument are: (check one)

- ☐ exclusive.
- ☐ nonexclusive.

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1 The easement terms listed in this addendum may be amended, altered, or omitted by the agreement of the condemning authority and the landowner, pursuant to Sections 21.0114(d), (e), and (f) of the Texas Property Code.

2 "Grantee" is the private entity, as defined by Section 21.0114(a) of the Texas Property Code, that is acquiring the pipeline easement.

3 "Grantor" is the property owner from whom the Grantee is acquiring the pipeline easement.

(12) Grantee may not grant to a third party access to the easement area for a purpose that is not related to one of the following: the construction, safety, repair, maintenance, inspection, replacement, operation, or removal of each pipeline to be installed under this instrument or of pipeline appurtenances to be installed under this instrument.

(13) Grantor: (check one)

- ☐ may recover from Grantee actual monetary damages, if any, arising from the construction and installation of each pipeline to be installed under this instrument.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, arising from the construction and installation of each pipeline to be installed under this instrument.

(14) After initial construction and installation of each pipeline installed under this instrument, Grantor: (check one)

- ☐ may recover from Grantee actual monetary damages, if any, arising from the repair, maintenance, inspection, replacement, operation, or removal of each pipeline to be installed under this instrument.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, arising from the repair, maintenance, inspection, replacement, operation, or removal of each pipeline to be installed under this instrument.

(15) Grantor: (check one)

- ☐ and Grantee agree, with regard to Grantee's removal, cutting, use, repair, and replacement of gates and fences that cross the easement or that will be used by Grantee under this instrument, that Grantee will access and secure the easement acquired under this instrument as follows: _____.
- ☐ may recover from Grantee payment for monetary damages, if any, caused by Grantee to gates and fences, if any, to the extent that the gates or fences are not restored or paid for as part of the consideration paid for the instrument.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, caused by Grantee to gates and fences.

(16) With regard to restoring the pipeline easement area acquired under this instrument and Grantor's remaining property used by Grantee to as near to original condition as is reasonably practicable and maintaining the easement in a manner consistent with the purposes for which the easement is to be used under this instrument: (check one)

- ☐ Grantee will be responsible for the restoration.
- ☐ Grantee will reimburse Grantor for monetary damages that arise from damage to the pipeline easement area or the Grantor's remaining property, if any, caused by the Grantee and not restored or paid for as part of the consideration for the instrument.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, caused by Grantee to the pipeline easement area or the Grantor's remaining property.

(17) Grantee's rights of ingress, egress, entry, and access on, to, over, and across Grantor's property under this instrument are described as follows: _____.

(18) Grantee may not make use of the property rights acquired by this instrument, other than as provided by this instrument, without the express written consent of Grantor.

(19) The terms of this instrument bind the heirs, successors, and assigns of Grantor and Grantee.

THE STATE OF TEXAS LANDOWNER'S BILL OF RIGHTS

ADDENDUM B:

Required Terms for an Instrument Conveying an Electric Transmission Line Right-of-Way Easement[4]

(1) The uses of the surface of the property to be encumbered by the electric transmission line right-of-way easement acquired by Grantee[5] under this instrument are generally described as follows: _____.

(2) A description or illustration of the location of the electric transmission line right-of-way easement, including a metes and bounds or centerline description, plat, or aerial or other map-based depiction of the location of the easement on the property, is attached as Exhibit _____.

(3) The maximum width of the electric transmission line right-of-way easement acquired by this instrument is _____.

(4) Grantee will access the electric transmission line right-of-way easement acquired under this instrument in the following manner: _____.

(5) Grantee may not grant to a third party access to the electric transmission line right-of-way easement area for a purpose that is not related to the construction, safety, repair, maintenance, inspection, replacement, operation, or removal of the electric and appurtenant facilities installed under this instrument.

(6) Grantor[6]: (check one)

- ☐ may recover from Grantee actual monetary damages, if any, arising from the construction, operation, repair, maintenance, inspection, replacement, and future removal of lines and support facilities after initial construction in the easement, if any.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, arising from the construction, operation, repair, maintenance, inspection, replacement, and future removal of lines and support facilities after initial construction in the easement.

(7) Grantor: (check one)

- ☐ and Grantee agree, with regard to Grantee's removal, cutting, use, repair, and replacement of gates and fences that cross the easement or that will be used by Grantee under this instrument, that Grantee will access and secure the easement acquired under this instrument as follows: _____
- ☐ may recover from Grantee payment for monetary damages, if any, caused by Grantee to gates and fences, if any, to the extent that the gates or fences are not restored or paid for as part of the consideration paid for the instrument.
- ☐ acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, caused by Grantee to gates and fences.

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4 The easement terms listed in this addendum may be amended, altered, or omitted by the agreement of the condemning authority and the landowner, pursuant to Sections 21.0114(d), (e), and (f) of the Texas Property Code.

5 "Grantee" is the private entity, as defined by Section 21.0114(a) of the Texas Property Code, that is acquiring the electric transmission line right-of-way easement.

6 "Grantor" is the property owner from whom the Grantee is acquiring the electric transmission line right-of-way easement.

(8) Grantee shall restore the easement area and Grantor's remaining property to their original contours and grades, to the extent reasonably practicable, unless Grantee's safety or operational needs and the electric facilities located on the easement would be impaired. With regard to restoring the electric transmission line right-of-way easement area acquired under this instrument and Grantor's remaining property used by Grantee to as near to original condition as is reasonably practicable following future damages, if any, directly attributed to Grantee's use of the easement: (check one)

- ☐ Grantee will be responsible for the restoration, unless the safety or operational needs of Grantee and the electric facilities would be impaired.
- ☐ Grantor acknowledges that the consideration paid for the easement acquired under this instrument includes future damages, if any, caused by Grantee to the easement area or the Grantor's remaining property.

(9) The easement rights acquired under this instrument are: (check one)

- ☐ exclusive.
- ☐ nonexclusive.
- ☐ otherwise limited under the terms of the instrument as follows: _____.

(10) Grantee may not assign Grantee's interest in the property rights acquired under this instrument to an assignee that will not operate as a utility subject to the jurisdiction of the Public Utility Commission of Texas or the Federal Energy Regulatory Commission without written notice to Grantor at the last known address of the person in whose name the property is listed on the most recent tax roll of any taxing unit authorized to levy property taxes against the property.

(11) Grantee may not make use of the property rights acquired by this instrument, other than as provided by this instrument, without the express written consent of Grantor.

(12) The terms of this instrument bind the heirs, successors, and assigns of Grantor and Grantee.

THE STATE OF TEXAS LANDOWNER'S BILL OF RIGHTS

ADDENDUM C:

Optional Terms for an Instrument Conveying a Pipeline Right-of-Way Easement, an Easement Related to Pipeline Appurtenances, or an Electric Transmission Line Right-of-Way Easement[7]

(1) With regard to the specific vegetation described as follows: _____, Grantor[8]: (check one):

- ☐ may recover from Grantee[9] payment for monetary damages, if any, caused by Grantee to the vegetation.
- ☐ Grantor acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, caused by Grantee to the vegetation.

(2) With regard to income loss from disruption of existing agricultural production or existing leases based on verifiable loss or lease payments caused by Grantee's use of the easement acquired under this instrument, Grantor: (check one)

- ☐ may recover from Grantee payment for monetary damages, if any, caused by Grantee to Grantor's income.
- ☐ Grantor acknowledges that the consideration paid for the easement acquired under this instrument includes monetary damages, if any, caused by Grantee to Grantor's income.

(3) Grantee shall maintain commercial liability insurance or self-insurance at all times, including during Grantee's construction and operations on the easement, while Grantee uses the easement acquired under this instrument. The insurance must insure Grantor against liability for personal injuries and property damage sustained by any person to the extent caused by the negligence of Grantee or Grantee's agents or contractors and to the extent allowed by law. If Grantee maintains commercial liability insurance, it must be issued by an insurer authorized to issue liability insurance in the State of Texas.

(4) If Grantee is subject to the electric transmission cost-of-service rate jurisdiction of the Public Utility Commission of Texas or has a net worth of at least $25 million, Grantee shall maintain commercial liability insurance or self-insurance at levels approved by the Public Utility Commission of Texas in the entity's most recent transmission cost-of-service base rate proceeding.

7 Pursuant to Section 21.0114(d) of the Texas Property Code, in addition to the terms set forth in Addenda A and B, a property owner may negotiate for the inclusion of the terms in this Addendum in any instrument conveying an easement to a private entity, as defined by Section 21.0114(a) of the Texas Property Code. The easement terms listed in this addendum may be amended, altered, or omitted by the agreement of the condemning authority and the landowner, pursuant to Sections 21.0114(d), (e), and (f) of the Texas Property Code.

8 "Grantor" is the property owner from whom the Grantee is acquiring the pipeline or electric transmission line right-of-way easement.

9 "Grantee" is the private entity, as defined by Section 21.0114(a) of the Texas Property Code, that is acquiring the easement.

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Appendix C

EXISTING ENVIRONMENT TABLES

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MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Alazan very fine sandy loam, 0 to 2 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Alazan very fine sandy loam, 0 to 4 percent slopes	Stream terraces	No	All areas are prime farmland	Polk, Tyler
Angie fine sandy loam	Interfluves	No	All areas are prime farmland	Montgomery, Walker
Annona association, gently rolling	Stream terraces	No	Not prime farmland	Walker
Annona association, gently undulating	Stream terraces	No	Farmland of statewide importance	Walker
Annona fine sandy loam, 1 to 3 percent slopes	Depressions	Yes	Farmland of statewide importance	Trinity, Walker
Arriola fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Walker
Atacosa fine sandy loam, 2 to 5 percent slopes	Terraces	No	Not prime farmland	San Jacinto
Attoyac fine sandy loam, 0 to 3 percent slopes	Stream terraces	No	All areas are prime farmland	Jasper
Austonio fine sandy loam, 1 to 3 percent slopes	Stream terraces	Yes	All areas are prime farmland	Trinity
Austonio fine sandy loam, 5 to 15 percent slopes	Stream terraces	No	Not prime farmland	Trinity
Belrose loamy fine sand, 0 to 3 percent slopes	Channels on terraces	Yes	Not prime farmland	Tyler
Belrose loamy fine sand, 0 to 3 percent slopes	Bars on terraces	No	Not prime farmland	Polk, San Jacinto, Walker
Belrose-Caneyhead frequently ponded complex, 0 to 1 percent slopes	Bars on terraces	No	Prime farmland if drained	Jasper, Polk, San Jacinto
Bernaldo fine sandy loam, 0 to 3 percent slopes	Stream terraces	No	All areas are prime farmland	Polk, San Jacinto, Trinity
Bernaldo fine sandy loam, 3 to 8 percent slopes	Stream terraces	No	Not prime farmland	Polk, San Jacinto
Bernaldo-Besner complex, gently undulating	Stream terraces	No	All areas are prime farmland	Jasper, Newton
Besner-Mollville complex, gently undulating	Stream terraces	No	All areas are prime farmland	Jasper
Betis fine sand, 0 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker
Betis fine sand, 5 to 12 percent slopes	Interfluves	No	Not prime farmland	Montgomery, San Jacinto, Walker
Betis loamy fine sand	Interfluves	No	Not prime farmland	Montgomery, Walker
Betis loamy fine sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, San Jacinto
Bibb soils, frequently flooded	Floodplains	Yes	Not prime farmland	Montgomery
Bienville-Alaga association, gently undulating	Stream terraces	No	Not prime farmland	Jasper, Newton
Bissonnet loam, 0 to 1 percent slopes	Flats	Yes	Not prime farmland	Montgomery, Walker
Bissonnet-Aldine complex, 0 to 1 percent slopes	Flats	Yes	Not prime farmland	Montgomery

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Bleiblerville clay	Ridges	No	All areas are prime farmland	Montgomery, Walker
Bonwier-Stringtown association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Boy loamy fine sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery
Boykin loamy fine sand, 1 to 5 percent slopes	-	No	Not prime farmland	Polk, San Jacinto
Boykin loamy sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Browndell-Kitterll complex 15 to 35 percent slopes, very bouldery	Hillslopes	No	Not prime farmland	Tyler
Browndell-Kitterll complex, 2 to 5 percent slopes	Interfluves	No	Not prime farmland	Jasper, Tyler
Browndell-Kitterll complex, stony, 5 to 15 percent slopes	Hillslopes	No	Not prime farmland	Tyler
Browndell-Rock outcrop complex, sloping	Interfluves	No	Not prime farmland	Jasper, Newton
Buna very fine sandy loam, 3 to 8 percent slopes	Terraces	No	Farmland of statewide importance	Polk, San Jacinto
Burkeville clay, 3 to 12 percent slopes	Interfluves	No	Not prime farmland	Jasper, Newton
Burkeville clay, 3 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Burkeville clay, 5 to 15 percent slopes	Hillslopes	No	Not prime farmland	Tyler, Polk, San Jacinto, Walker
Burleson clay, 1 to 3 percent slopes	-	No	All areas are prime farmland	Montgomery, Walker
Chambliss loamy sand, 0 to 8 percent slopes	Ridges	No	Not prime farmland	Tyler
Choates loamy fine sand, 1 to 5 percent slopes	-	No	Not prime farmland	Polk, San Jacinto, Walker
Choates loamy sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Colita fine sandy loam, 0 to 1 percent slopes	-	No	Not prime farmland	Trinity
Colita fine sandy loam, 1 to 3 percent slopes	Uplands	No	Not prime farmland	Trinity
Colita fine sandy loam, 1 to 3 percent slopes	Uplands	No	All areas are prime farmland	Polk, San Jacinto, Trinity
Colita fine sandy loam, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Polk, Tyler
Colita variant-Kitterll complex, 1 to 8 percent slopes	Interfluves	No	Not prime farmland	Polk, San Jacinto
Colita-Laska complex, 0 to 2 percent slopes	-	No	Not prime farmland	Trinity
Colita-Laska complex, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto, Trinity

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Colita-Laska complex, mounded, 0 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Polk, Tyler
Colmesneil loamy sand, 1 to 8 percent slopes	Interfluves	No	Not prime farmland	Tyler
Conroe association, gently undulating	Interfluves	No	Not prime farmland	Walker
Conroe gravelly loamy fine sand, 0 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker, San Jacinto
Conroe gravelly loamy fine sand, 5 to 8 percent slopes	-	No	Not prime farmland	San Jacinto
Conroe loamy fine sand, 0 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker
Conroe loamy fine sand, 5 to 12 percent slopes	Interfluves	No	Not prime farmland	Montgomery
Conroe soils	Interfluves	No	Not prime farmland	Montgomery
Corrigan loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Tyler, Trinity
Corrigan loam, 5 to 12 percent slopes	-	No	Not prime farmland	Trinity
Corrigan loam, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Tyler
Corrigan-Rayburn association, gently undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Cowmarsh mucky silty clay, 0 to 1 percent slopes, frequently flooded, frequently ponded	Oxbows	Yes	Not prime farmland	Tyler, Polk, San Jacinto
Crockett fine sandy loam, 1 to 3 percent slopes	Ridges	No	Farmland of statewide importance	Montgomery, Walker
Dams	-	No	Not prime farmland	Jasper, Polk
Depcor-Huntsburg association, gently undulating	Interfluves	No	Not prime farmland	Walker
Depcor-Huntsburg-Gunter association, gently rolling	Interfluves	No	Not prime farmland	Walker
Deweyville mucky silt loam, 0 to 1 percent slopes, frequently flooded, frequently ponded	Swamps	Yes	Not prime farmland	Jasper, Newton
Diboll-Keltys complex, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk
Doucette loamy fine sand, 1 to 5 percent slopes	Interfluves	No	Farmland of statewide importance	Polk, San Jacinto, Trinity, Walker
Doucette loamy sand, 1 to 5 percent slopes	Interfluves	No	Farmland of statewide importance	Polk, Tyler
Doucette-Boykin association, undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Eastham clay, 0 to 2 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Eastham clay, 2 to 5 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Elmina association, gently undulating	Interfluves	No	Not prime farmland	Walker

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Etoile loam, 1 to 3 percent slopes	-	No	Farmland of statewide importance	Trinity
Evadale silt loam, 0 to 1 percent slopes	Channels on meanders	Yes	Not prime farmland	Jasper
Evadale-Gist complex, 0 to 1 percent slopes	Flats	No	Not prime farmland	Jasper
Falba and Arol soils, 1 to 5 percent slopes, eroded	Ridges	No	Not prime farmland	Walker
Falba complex, 5 to 8 percent slopes	Ridges	No	Not prime farmland	Walker
Falba fine sandy loam, 0 to 1 percent slopes	Ridges	No	Farmland of statewide importance	Walker
Falba fine sandy loam, 1 to 5 percent slopes	Ridges	No	Not prime farmland	Walker
Ferris clay, 1 to 5 percent slopes	Ridges	No	All areas are prime farmland	Walker
Ferris clay, gullied	Ridges	No	Not prime farmland	Walker
Fetzer loamy fine sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker
Fetzer loamy fine sand, 5 to 12 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker
Garner clay	Stream terraces	No	All areas are prime farmland	Montgomery, Walker
Garner clay, 0 to 1 percent slopes	-	No	All areas are prime farmland	Polk, San Jacinto
Garner clay, 0 to 1 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Gladewater clay, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Walker
Gladewater soils, frequently flooded	Floodplains	Yes	Not prime farmland	Jasper, Newton
Gowker and Kanebreak soils, frequently flooded	Floodplains	No	Not prime farmland	Walker
Gowker sandy clay loam, overwash, frequently flooded	Floodplains	No	Not prime farmland	Montgomery, Walker
Gunter association, undulating	Interfluves	No	Not prime farmland	Walker
Gunter fine sand	Interfluves	No	Not prime farmland	Montgomery
Hainesville loamy fine sand, 0 to 2 percent slopes	Marine terraces	No	Not prime farmland	Tyler
Hainesville loamy fine sand, 0 to 2 percent slopes	Stream terraces	No	Not prime farmland	Trinity
Hatliff-Pluck-Kian complex, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Jasper, Polk, Tyler, Montgomery, San Jacinto
Hatliff-Pluck-Kian complex, 0 to 1 percent slopes, frequently flooded	Oxbows	Yes	Not prime farmland	Newton
Hatliff-Pluck-Kian complex, 0 to 1 percent slopes, frequently flooded	Channels and floodplains	Yes	Not prime farmland	Polk, San Jacinto Trinity, Walker

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Hillister loamy sand, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Houston Black clay, 1 to 3 percent slopes	Ridges	No	All areas are prime farmland	Walker
Iuka soils, frequently flooded	Floodplains	No	Not prime farmland	Jasper, Newton, Sabine
Jayhawker silt loam, 0 to 1 percent slopes, frequently ponded	Flats	No	Not prime farmland	Tyler
Kaman clay, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Montgomery
Kaman clay, 0 to 1 percent slopes, frequently flooded	Oxbows	Yes	Not prime farmland	Polk, San Jacinto, Walker
Kaman clay, 0 to 1 percent slopes, occasionally flooded	Floodplains	Yes	Not prime farmland	Polk, San Jacinto
Kanebreak soils, frequently flooded	Floodplains	Yes	Not prime farmland	Walker
Kaufman clay, 0 to 1 percent slopes, frequently flooded, southern	Floodplains	Yes	Not prime farmland	Montgomery
Keltys fine sandy loam, 5 to 8 percent slopes	Interfluves	No	Not prime farmland	Trinity
Kenefick very fine sandy loam, 0 to 3 percent slopes	Bars on terraces	No	All areas are prime farmland	Tyler, Polk, San Jacinto
Kenefick-Caneyhead frequently ponded complex, 0 to 1 percent slopes	Channels on terraces	Yes	Prime farmland if drained	Tyler
Kenefick-Caneyhead frequently ponded complex, 0 to 1 percent slopes	Bars on terraces	No	Prime farmland if drained	San Jacinto
Kershaw sand, 0 to 5 percent slopes	Stream terraces	No	Not prime farmland	Walker
Kian and Mantachie soils, frequently flooded	Floodplains	Yes	Not prime farmland	Polk
Kirbyville fine sandy loam	Flats	No	All areas are prime farmland	Montgomery
Kirbyville fine sandy loam, 0 to 2 percent slopes	Flats	Yes	Prime farmland if drained	Polk, Tyler
Kirbyville fine sandy loam, 0 to 2 percent slopes	Interfluves	No	All areas are prime farmland	Polk
Kirbyville-Niwana complex, 0 to 2 percent slopes	Flats	No	Not prime farmland	Tyler
Kirbyville-Niwana complex, 0 to 2 percent slopes	Flats	Yes	Not prime farmland	Jasper, Newton
Kisatchie-Rayburn association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Kitterll fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Trinity
Kitterll-Browndell complex, 5 to 15 percent slopes	-	No	Not prime farmland	Trinity

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Kitterll-Rock outcrop complex, 1 to 10 percent slopes	-	No	Not prime farmland	Walker
Kosse soils, frequently flooded	Floodplains	No	Not prime farmland	Montgomery, Walker
Kountze very fine sandy loam, 0 to 2 percent slopes	Fats	Yes	Not prime farmland	Tyler
Kountze very fine sandy loam, 0 to 2 percent slopes	Interfluves	No	Not prime farmland	Polk, Trinity
Koury silt loam, 0 to 1 percent slopes, frequently flooded	-	No	Not prime farmland	Trinity
Koury very fine sandy loam, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Tyler
Kurth fine sandy loam, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Trinity
Kurth fine sandy loam, 5 to 8 percent slopes	Interfluves	No	Not prime farmland	Trinity
Landman association, gently undulating	Stream terraces	No	Farmland of statewide importance	Walker
Landman fine sand	Stream terraces	No	Farmland of statewide importance	Montgomery
Laneville fine sandy loam, 0 to 1 percent slopes, frequently flooded	Floodplains	No	Not prime farmland	Tyler
Laska fine sandy loam, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Trinity, Polk, Tyler
Laska fine sandy loam, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto, Trinity
Latium clay, 1 to 5 percent slopes, eroded	Ridges	No	Not prime farmland	Montgomery, Walker
Latium clay, 5 to 8 percent slopes, eroded	Ridges	No	Not prime farmland	Montgomery, Walker
Latium-Gullied land complex, 3 to 8 percent slopes	Ridges	No	Not prime farmland	Montgomery, Walker
Leggett fine sandy loam, 0 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto, Trinity
Lelavale silt loam, 0 to 1 percent slopes, frequently ponded	Depressions	Yes	Not prime farmland	Polk, Tyler
Leson clay, 0 to 3 percent slopes	Ridges	No	All areas are prime farmland	Walker
Letney loamy sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Trinity
Letney-Tehran association, undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Lilbert loamy fine sand	Interfluves	No	Not prime farmland	Montgomery
Lilbert loamy fine sand, terrace	Interfluves	No	Not prime farmland	Montgomery
Lovelady loamy fine sand, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Trinity
Lovelady loamy fine sand, 5 to 8 percent slopes	Interfluves	No	Not prime farmland	Trinity

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Lufkin fine sandy loam, 0 to 1 percent slopes	Stream terraces	No	Farmland of statewide importance	Walker
Mantachie and Bleakwood soils, frequently flooded	Floodplains	Yes	Not prime farmland	Jasper, Newton
Melhomes soils, frequently flooded	Interfluves	Yes	Not prime farmland	Jasper, Newton
Mollville-Besner complex, 0 to 1 percent slopes, frequently ponded	Open depressions	Yes	Not prime farmland	Tyler
Mollville-Besner complex, 0 to 1 percent slopes, frequently ponded	Stream terraces	No	Not prime farmland	Trinity
Mooreville soils, occasionally flooded	Floodplains	No	Not prime farmland	Jasper, Newton
Moswell fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk
Moswell fine sandy loam, 5 to 12 percent slopes	Interfluves	No	Not prime farmland	Polk
Moten-Multey complex, 0 to 2 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Newco fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Newco fine sandy loam, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Newco-Urland association, gently undulating	Interfluves	No	All areas are prime farmland	Jasper, Newton
Newco-Urland association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Nikful fine sandy loam, 0 to 8 percent slopes	Interfluves	No	Not prime farmland	Jasper, Newton
Normangee clay loam, 1 to 3 percent slopes	Stream terraces	No	Not prime farmland	Montgomery, Walker
Normangee soils, 0 to 1 percent slopes	Ridges	No	Not prime farmland	Montgomery
Nugent soils, frequently flooded	Floodplains	Yes	Not prime farmland	Walker
Oakhurst very fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, San Jacinto, Trinity, Walker
Oakhurst very fine sandy loam, 5 to 8 percent slopes	Interfluves	No	Not prime farmland	Polk, San Jacinto, Trinity, Walker
Ochlockonee soils, occasionally flooded	Floodplains	No	All areas are prime farmland	Jasper
Olive frequently ponded-Dallardsville complex, 0 to 1 percent slopes	Open depressions	Yes	Not prime farmland	Tyler
Osier-Alaga complex, rarely flooded	Stream terraces	Yes	Not prime farmland	Montgomery, San Jacinto
Otanya very fine sandy loam, 1 to 3 percent slopes	Flats	Yes	Farmland of statewide importance	Polk, Tyler
Otanya very fine sandy loam, 1 to 3 percent slopes	Interfluves	No	Farmland of statewide importance	Polk

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Otanya very fine sandy loam, 3 to 5 percent slopes	Interfluves	No	Not prime farmland	Tyler
Ozias-Pophers complex, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Jasper, Polk, Tyler
Penning very fine sandy loam, 0 to 2 percent slopes	-	No	All areas are prime farmland	Trinity
Pinetucky and Conroe soils, graded	Interfluves	No	Not prime farmland	Polk, San Jacinto
Pinetucky fine sandy loam, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto, Tyler
Pinetucky loamy fine sand, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto
Pinetucky-Doucette association, undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Pits	-	No	Not prime farmland	Walker
Pits, gravel	Interfluves	No	Not prime farmland	Tyler
Pophers silty clay loam, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Trinity, Polk
Rayburn fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler, San Jacinto, Walker, Trinity
Rayburn fine sandy loam, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler, San Jacinto, Trinity
Rayburn-Corrigan association, undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Rayburn-Kisatchie association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Redco clay, 0 to 2 percent slopes	Interfluves	No	All areas are prime farmland	Walker
Redco clay, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Polk, Tyler
Redco clay, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Tyler
Redco-Woodville association, gently undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Rogan gravelly fine sandy loam, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Tyler
Rogan soils, 1 to 5 percent slopes, graded	Interfluves	No	All areas are prime farmland	Polk, Tyler
Rogan-Pinetucky association, gently undulating	Interfluves	No	All areas are prime farmland	Jasper
Rosenwall fine sandy loam, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Trinity
Sawlit-Sawtown complex, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Tyler
Segno fine sandy loam, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Montgomery, San Jacinto
Segno fine sandy loam, 3 to 5 percent slopes	Interfluves	No	All areas are prime farmland	San Jacinto

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Shankler loamy sand, 1 to 8 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Shankler loamy sand, 8 to 15 percent slopes	Interfluves	No	Not prime farmland	Tyler
Shankler-Boykin association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Shankler-Boykin association, undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Simelake-Pluck complex, 0 to 1 percent slopes, frequently flooded	Channels and floodplains	Yes	Not prime farmland	Jasper, Tyler
Sorter silt loam, 0 to 1 percent slopes	Flats	Yes	Not prime farmland	Montgomery, Polk, San Jacinto
Sorter-Dallardsville complex, 0 to 1 percent slopes	Interfluves	No	Not prime farmland	Tyler
Sorter-Tarkington complex, 0 1 percent slopes	Flats	No	Not prime farmland	San Jacinto
Sourlake loam, 0 to 1 percent slopes, frequently flooded	Floodplains	Yes	Not prime farmland	Polk, San Jacinto
Splendora fine sandy loam, 0 to 2 percent slopes	Flatwoods	No	Not prime farmland	Montgomery, San Jacinto
Spurger very fine sandy loam, 0 to 3 percent slopes	Terraces	No	Not prime farmland	Polk, San Jacinto
Spurger-Caneyhead frequently ponded complex, 0 to 1 percent slopes	Terraces	No	Not prime farmland	Jasper, Newton, Polk, San Jacinto
Stringtown fine sandy loam, 5 to 15 percent slopes	-	No	Not prime farmland	Trinity
Stringtown-Bonwier association, graded	Interfluves	No	Not prime farmland	Jasper, Newton
Stringtown-Bonwier association, hilly	Interfluves	No	Not prime farmland	Jasper
Stringtown-Bonwier association, strongly sloping	Interfluves	No	Not prime farmland	Polk, San Jacinto, Trinity, Walker
Stringtown-Bonwier complex, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Tahoula clay, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Jasper
Tahoula clay, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Jasper, Newton
Tehran loamy sand, 5 to 15 percent slopes	-	No	Not prime farmland	Trinity
Tehran-Letney association, hilly	Interfluves	No	Not prime farmland	Jasper, Newton
Trinity soils, frequently flooded	Floodplains	No	Not prime farmland	Walker
Urbo and Mantachie soils, frequently flooded	Floodplains	Yes	Not prime farmland	Jasper, Newton
Urland fine sandy loam, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Tyler
Urland-Pinetucky association, undulating	Interfluves	No	All areas are prime farmland	Jasper, Newton

MAPPED SOIL ASSOCIATIONS WITHIN THE STUDY AREA

MAP UNIT NAME	LANDFORM	HYDRIC STATUS	PRIME FARMLAND	COUNTY LOCATION
Vamont clay, 1 to 5 percent slopes	Depressions	Yes	All areas are prime farmland	Polk, San Jacinto, Trinity
Voss sand, 0 to 1 percent slopes, occasionally flooded	Bars on river valleys	No	Not prime farmland	San Jacinto
Votaw fine sand, 0 to 1 percent slopes	Bars on terraces	No	Not prime farmland	Tyler
Waller silt loam, 0 to 1 percent slopes	Flats	Yes	Prime farmland if drained	Montgomery, Jasper, Polk, San Jacinto
Waller-Dallardsville complex, 0 to 1 percent slopes	Flats	No	Prime farmland if drained	Tyler
Waller-Tarkington complex, 0 to 1 percent slopes	Flats	No	Prime farmland if drained	San Jacinto
Water	-	No	Not prime farmland	Jasper, Newton, Montgomery, Walker, Tyler, Polk, San Jacinto, Trinity
Westcott very fine sandy loam, 0 to 1 percent slopes	Interfluves	No	All areas are prime farmland	San Jacinto
Wiergate clay, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Polk, Tyler
Wiergate clay, 1 to 5 percent slopes	Interfluves	No	All areas are prime farmland	Polk, San Jacinto, Walker
Wiergate clay, 1 to 8 percent slopes	Interfluves	No	Not prime farmland	Jasper, Newton
Wiergate clay, 5 to 8 percent slopes	Interfluves	No	Not prime farmland	Polk, San Jacinto
Woden fine sandy loam, 0 to 3 percent slopes	Stream terraces	No	All areas are prime farmland	Walker
Woden fine sandy loam, 1 to 4 percent slopes	Stream terraces	No	All areas are prime farmland	Trinity
Woodtell fine sandy loam, 1 to 3 percent slopes	Interfluves	No	Not prime farmland	Walker
Woodville fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker, Polk, San Jacinto
Woodville fine sandy loam, 5 to 12 percent slopes	Interfluves	No	Not prime farmland	Montgomery, Walker, Polk, San Jacinto
Woodville fine sandy loam, 5 to 15 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Woodville soils, 2 to 5 percent slopes, eroded	Interfluves	No	Not prime farmland	Montgomery, Walker
Woodville very fine sandy loam, 1 to 5 percent slopes	Interfluves	No	Not prime farmland	Polk, Tyler
Woodville-Redco association, gently undulating	Interfluves	No	Not prime farmland	Jasper, Newton
Woodville-Sawlit complex, 1 to 3 percent slopes	Interfluves	No	All areas are prime farmland	Tyler

Source: NRCS 2023a

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AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
ANSERIFORMES: Anatidae		
American wigeon	*Mareca americana*	M, WR
Black-bellied whistling duck	*Dendrocygna autumnalis*	R
Blue-winged teal	*Spatula discors*	M
Bufflehead	*Bucephala albeola*	M, WR
Cackling goose	*Branta hutchinsii*	M
Canada goose	*Branta canadensis*	M
Canvasback	*Aythya valisineria*	M, WR
Cinnamon teal	*Spatula cyanoptera*	M
Common goldeneye	*Bucephala clangula*	M, WR
Gadwall	*Mareca strepera*	M, WR
Greater scaup	*Aythya marila*	M, WR
Greater white-fronted goose	*Anser albifrons*	M, WR
Green-winged teal	*Anas crecca*	M, WR
Hooded merganser	*Lophodytes cucullatus*	M, WR
Lesser scaup	*Aythya affinis*	M, WR
Mallard	*Anas platyrhynchos*	WR
Northern pintail	*Anas acuta*	WR
Northern shoveler	*Spatula clypeata*	M, WR
Red-breasted merganser	*Mergus serrator*	M, WR
Redhead	*Aythya americana*	M, WR
Ross's goose	*Anser rossii*	M
Ruddy duck	*Oxyura jamaicensis*	M, WR
Snow goose	*Anser caerulescens*	M, WR
Wood duck	*Aix sponsa*	R
GALLIFORMES: Odontophoridae		
Northern bobwhite	*Colinus virginianus*	R
GALLIFORMES: Phasianidae		
Wild turkey	*Meleagris gallopavo*	R
GALLIFORMES: Gaviidae		
Common loon	*Gavia immer*	M, WR
PODICIPEDIFORMES: Podicipedidae		
Eared grebe	*Podiceps nigricollis*	M, WR
Horned grebe	*Podiceps auritus*	WR
Pied-billed grebe	*Podilymbus podiceps*	R
CICONIIFORMES: Ciconiidae		
Wood stork	*Mycteria americana*	SR
SULIFORMES: Phalacrocoracidae		
Double-crested cormorant	*Nannopterum auritum*	M, WR
Neotropic cormorant	*Nannopterum brasilianum*	R, SR
SULIFORMES: Anhingidae		

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
Anhinga	*Anhinga anhinga*	SR
PELECANIFORMES: Pelecanidae		
American white pelican	*Pelecanus erythrorhynchos*	M, WR
Brown pelican	*Pelecanus occidentalis*	SR
PELECANIFORMES: Ardeidae		
American bittern	*Botaurus lentiginosus*	M
Black-crowned night heron	*Nycticorax nycticorax*	R
Cattle egret	*Bubulcus ibis*	SR
Great blue heron	*Ardea herodias*	R
Great egret	*Ardea alba*	SR
Green heron	*Butorides virescens*	R
Least bittern	*Ixobrychus exilis*	SR
Little blue heron	*Egretta caerulea*	SR
Snowy egret	*Egretta thula*	SR
Tricolored heron	*Egretta tricolor*	SR
Yellow-crowned night heron	*Nyctanassa violacea*	SR
PELECANIFORMES: Threskiornithidae		
Roseate spoonbill	*Platalea ajaja*	SR
White ibis	*Eudocimus albus*	SR
White-faced ibis	*Plegadis chihi*	M
ACCIPITERIFORMES: Cathartidae		
Black vulture	*Coragyps atratus*	R
Turkey vulture	*Cathartes aura*	R
ACCIPITERIFORMES: Pandionidae		
Osprey	*Pandion haliaetus*	M, WR
ACCIPITERIFORMES: Accipitridae		
Bald eagle	*Haliaeetus leucocephalus*	R
Broad-winged hawk	*Buteo platypterus*	M, SR
Cooper's hawk	*Accipiter cooperii*	R, SR
Mississippi kite	*Ictinia mississippiensis*	SR
Northern harrier	*Circus hudsonius*	M, WR
Red-shouldered hawk	*Buteo lineatus*	R
Red-tailed hawk	*Buteo jamaicensis*	R
Sharp-shinned hawk	*Accipiter striatus*	M, SR
Swainson's hawk	*Buteo swainsoni*	M
Swallow-tailed kite	*Elanoides forficatus*	SR
White-tailed kite	*Elanus leucurus*	R
GRUIFORMES: Rallidae		
American coot	*Fulica americana*	R
Black rail	*Laterallus jamaicensis*	M
Common gallinule	*Gallinula galeata*	SR

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
King rail	*Rallus elegans*	M
Purple gallinule	*Porphyrio martinicus*	M, SR
Sora	*Porzana carolina*	M, WR
Virginia rail	*Rallus limicola*	M, WR
Yellow rail	*Coturnicops noveboracensis*	M
CHARADRIIFORMES: Recurvirostridae		
American avocet	*Recurvirostra americana*	M
Black-necked stilt	*Himantopus mexicanus*	M
CHARADRIIFORMES: Charadriidae		
American golden-plover	*Pluvialis dominica*	M
Black-bellied plover	*Pluvialis squatarola*	M
Killdeer	*Charadrius vociferus*	R
Piping plover	*Charadrius melodus*	M
Semipalmated plover	*Charadrius semipalmatus*	M
Snowy plover	*Charadrius nivosus*	M
CHARADRIIFORMES: Scolopacidae		
American woodcock	*Scolopax minor*	WR
Baird's sandpiper	*Calidris bairdii*	M
Buff-breasted sandpiper	*Calidris subruficollis*	M
Dunlin	*Calidris alpina*	M
Greater yellowlegs	*Tringa melanoleuca*	M, WR
Hudsonian godwit	*Limosa limosa*	M
Least sandpiper	*Calidris minutilla*	M, WR
Lesser yellowlegs	*Tringa flavipes*	M
Long-billed dowitcher	*Limnodromus scolopaceus*	M
Marbled godwit	*Limosa fedoa*	M
Pectoral sandpiper	*Calidris melanotos*	M
Red knot	*Calidris canutus*	M
Ruddy turnstone	*Arenaria interpres*	M
Sanderling	*Calidris alba*	M
Semipalmated sandpiper	*Calidris pusilla*	M
Short-billed dowitcher	*Limnodromus griseus*	M
Spotted sandpiper	*Actitis macularius*	M, WR
Stilt sandpiper	*Calidris himantopus*	M
Upland sandpiper	*Bartramia longicauda*	M
Western sandpiper	*Calidris mauri*	M
Whimbrel	*Numenius phaeopus*	M
White-rumped sandpiper	*Calidris fuscicollis*	M
Willet	*Tringa semipalmata*	M
Wilson's phalarope	*Phalaropus tricolor*	M
Wilson's snipe	*Gallinago delicata*	M, WR

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
CHARADRIIFORMES: Laridae		
Black tern	*Chlidonias niger*	M
Bonaparte's gull	*Chroicocephalus philadelphia*	M, WR
Caspian tern	*Hydroprogne caspia*	M, WR
Common tern	*Sterna hirundo*	M
Forster's tern	*Sterna forsteri*	M, WR
Franklin's gull	*Leucophaeus pipixcan*	M
Herring gull	*Larus argentatus*	M, WR
Laughing gull	*Leucophaeus atricilla*	SR
Ring-billed gull	*Larus delawarensis*	M, WR
Sabine's gull	*Xema sabini*	M
COLUMBIFORMES: Columbidae		
Eurasian collared-dove	*Streptopelia turtur*	R
Inca dove	*Columbina inca*	R
Mourning dove	*Zenaida macroura*	R
Rock pigeon	*Columba livia*	R
White-winged dove	*Zenaida asiatica*	R
CUCULFORMES: Cuculidae		
Black-billed cuckoo	*Coccyzus erythropthalmus*	M
Greater roadrunner	*Geococcyx californianus*	R
Yellow-billed cuckoo	*Coccyzus americanus*	SR
STRIGIFORMES: Tytonidae		
Barn owl	*Tyto alba*	R
STRIGIFORMES: Strigidae		
Barred owl	*Strix varia*	R
Burrowing owl	*Athene cunicularia*	WR
Eastern screech-owl	*Megascops asio*	R
Great horned owl	*Bubo virginianus*	R
Short-eared owl	*Asio flammeus*	M, WR
CAPRIMULGIFORMES: Caprimulgidae		
Chuck-will's-widow	*Antrostomus carolinensis*	M, SR
Common nighthawk	*Chordeiles minor*	M
Eastern whip-poor-will	*Antrostomus vociferus*	M
APODIFORMES: Apodidae		
Chimney swift	*Chaetura pelagica*	M, SR
APODIFORMES: Trochilidae		
Ruby-throated hummingbird	*Archilochus colubris*	SR
Rufous hummingbird	*Selasphorus rufus*	WR
CORACIIFORMES: Alcedinidae		
Belted kingfisher	*Megaceryle alcyon*	R
PICIFORMES: Picidae		

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
Downy woodpecker	*Dryobates pubescens*	R
Hairy woodpecker	*Dryobates villosus*	R
Northern flicker	*Colaptes auratus*	SR
Pileated woodpecker	*Dryocopus pileatus*	R
Red-bellied woodpecker	*Melanerpes carolinus*	R
Red-cockaded woodpecker	*Dryobates borealis*	R
Red-headed woodpecker	*Melanerpes erythrocephalus*	R
Yellow-bellied sapsucker	*Sphyrapicus varius*	M, WR
FALCONIFORMES: Falconidae		
American kestrel	*Falco sparverius*	R
Merlin	*Falco columbarius*	M, WR
Peregrine falcon	*Falco peregrinus*	M
PASSERIFORMES: Tyrannidae		
Acadian flycatcher	*Empidonax virescens*	M, SR
Alder flycatcher	*Empidonax alnorum*	M
Eastern kingbird	*Tyrannus tyrannus*	SR
Eastern phoebe	*Sayornis phoebe*	WR
Eastern wood-pewee	*Contopus virens*	SR
Great crested flycatcher	*Myiarchus crinitus*	SR
Least flycatcher	*Empidonax minimus*	M
Olive-sided flycatcher	*Contopus cooperi*	M
Scissor-tailed flycatcher	*Tyrannus forficatus*	SR
Willow flycatcher	*Empidonax traillii*	M
Yellow-bellied flycatcher	*Empidonax flaviventris*	M
PASSERIFORMES: Laniidae		
Loggerhead shrike	*Lanius ludovicianus*	R
PASSERIFORMES: Vireonidae		
Blue-headed vireo	*Vireo solitarius*	WR
Philadelphia vireo	*Vireo philadelphicus*	M
Red-eyed vireo	*Vireo olivaceus*	SR
Warbling vireo	*Vireo gilvus*	M
White-eyed vireo	*Vireo griseus*	R
Yellow-green vireo	*Vireo flavoviridis*	SR
PASSERIFORMES: Corvidae		
American crow	*Corvus brachyrhynchos*	R
Blue jay	*Cyanocitta cristata*	R
PASSERIFORMES: Hirundinidae		
Bank swallow	*Riparia riparia*	M
Barn swallow	*Hirundo rustica*	SR
Cave swallow	*Petrochelidon fulva*	M, SR
Cliff swallow	*Petrochelidon pyrrhonota*	SR

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
Northern rough-winged swallow	*Stelgidopteryx serripennis*	M, SR
Purple martin	*Progne subis*	SR
Tree swallow	*Tachycineta bicolor*	M, WR
PASSERIFORMES: Paridae		
Carolina chickadee	*Poecile carolinensis*	R
Tufted titmouse	*Baeolophus bicolor*	R
PASSERIFORMES: Sittidae		
Brown-headed nuthatch	*Sitta pusilla*	R
Red-breasted nuthatch	*Sitta canadensis*	WR
White-breasted nuthatch	*Sitta carolinensis*	R
PASSERIFORMES: Certhiidae		
Brown creeper	*Certhia americana*	M, WR
PASSERIFORMES: Troglodytidae		
Bewick's wren	*Thryomanes bewickii*	WR
Carolina wren	*Thryothorus ludovicianus*	R
House wren	*Troglodytes aedon*	M, WR
Marsh wren	*Cistothorus palustris*	WR
Sedge wren	*Cistothorus stellaris*	M, WR
Winter wren	*Troglodytes hiemalis*	M, WR
PASSERIFORMES: Polioptilidae		
Blue-gray gnatcatcher	*Polioptila caerulea*	SR
PASSERIFORMES: Regulidae		
Golden-crowned kinglet	*Regulus satrapa*	M, WR
Ruby-crowned kinglet	*Corthylio calendula*	M, WR
PASSERIFORMES: Turdidae		
American robin	*Turdus migratorius*	M, WR
Eastern bluebird	*Sialia sialis*	SR
Gray-cheeked thrush	*Catharus minimus*	M
Hermit thrush	*Catharus guttatus*	M, WR
Swainson's thrush	*Catharus ustulatus*	M
Veery	*Catharus mexicanus*	M
Wood thrush	*Hylocichla mustelina*	SR
PASSERIFORMES: Mimidae		
Brown thrasher	*Toxostoma rufum*	R
Gray catbird	*Dumetella carolinensis*	M, WR
Northern mockingbird	*Mimus polyglottos*	R
PASSERIFORMES: Sturnidae		
European starling	*Sturnus vulgaris*	R
PASSERIFORMES: Motacillidae		
American pipit	*Anthus rubescens*	M, WR
Sprague's pipit	*Anthus spragueii*	M

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
PASSERIFORMES: Bombycillidae		
Cedar waxwing	*Bombycilla cedrorum*	M, WR
PASSERIFORMES: Parulidae		
American redstart	*Setophaga ruticilla*	SR
Bay-breasted warbler	*Setophaga castanea*	M
Black-and-white warbler	*Mniotilta varia*	R
Blackburnian warbler	*Setophaga fusca*	M
Blackpoll warbler	*Setophaga striata*	M
Black-throated green warbler	*Setophaga virens*	M
Blue-winged warbler	*Vermivora cyanoptera*	M
Canada warbler	*Cardellina canadensis*	M
Cerulean warbler	*Setophaga cerulea*	M
Chestnut-sided warbler	*Setophaga pensylvanica*	M
Common yellowthroat	*Geothlypis trichas*	SR
Golden-winged warbler	*Vermivora chrysoptera*	M
Hooded warbler	*Setophaga citrina*	SR
Kentucky warbler	*Geothlypis formosa*	SR
Louisiana waterthrush	*Parkesia motacilla*	SR
Magnolia warbler	*Setophaga magnolia*	M
Mourning warbler	*Geothlypis philadelphia*	M
Nashville warbler	*Leiothlypis ruficapilla*	M
Northern parula	*Setophaga americana*	SR
Northern waterthrush	*Parkesia noveboracensis*	M
Orange-crowned warbler	*Leiothlypis celata*	M, WR
Ovenbird	*Seiurus aurocapilla*	M
Palm warbler	*Setophaga palmarum*	M
Pine warbler	*Setophaga pinus*	R
Prairie warbler	*Setophaga discolor*	SR
Prothonotary warbler	*Protonotaria citrea*	SR
Swainson's warbler	*Limnothlypis swainsonii*	SR
Tennessee warbler	*Leiothlypis peregrina*	M
Wilson's warbler	*Cardellina pusilla*	M
Worm-eating warbler	*Helmitheros vermivorum*	M, SR
Yellow warbler	*Setophaga petechia*	M
Yellow-rumped warbler	*Setophaga coronata*	M, WR
Yellow-throated warbler	*Setophaga dominica*	SR
PASSERIFORMES: Icteriidae		
Yellow-breasted chat	*Icteria virens*	SR
PASSERIFORMES: Passerellidae		
Bachman's sparrow	*Peucaea aestivalis*	R
Chipping sparrow	*Spizella passerina*	R

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
Dark-eyed junco	*Junco hyemalis*	M, WR
Eastern towhee	*Pipilo erythrophthalmus*	M, WR
Field sparrow	*Spizella pusilla*	M, WR
Fox sparrow	*Passerella iliaca*	M, WR
Grasshopper sparrow	*Ammodramus savannarum*	SR
Henslow's sparrow	*Centronyx henslowii*	WR
Lark sparrow	*Chondestes grammacus*	M, SR
LeConte's sparrow	*Ammospiza leconteii*	WR
Lincoln's sparrow	*Melospiza lincolnii*	M, WR
Nelson's sparrow	*Ammospiza nelsoni*	M
Savannah sparrow	*Passerculus sandwichensis*	M, WR
Song sparrow	*Melospiza melodia*	M, WR
Swamp sparrow	*Melospiza georgiana*	M, WR
Vesper sparrow	*Pooecetes gramineus*	M, WR
White-crowned sparrow	*Zonotrichia leucophrys*	M, WR
White-throated sparrow	*Zonotrichia albicollis*	M, WR
PASSERIFORMES: Cardinalidae		
Blue grosbeak	*Passerina caerulea*	SR
Dickcissel	*Spiza americana*	M, SR
Indigo bunting	*Passerina cyanea*	SR
Northern cardinal	*Cardinalis cardinalis*	R
Painted bunting	*Passerina ciris*	M, SR
Rose-breasted grosbeak	*Pheucticus ludovicianus*	M
Scarlet tanager	*Piranga olivacea*	M
Summer tanager	*Piranga rubra*	SR
PASSERIFORMES: Icteridae		
Baltimore oriole	*Icterus galbula*	M
Bobolink	*Dolichonyx oryzivorus*	M
Brewer's blackbird	*Euphagus cyanocephalus*	M, WR
Brown-headed cowbird	*Molothrus ater*	R
Common grackle	*Quiscalus quiscula*	R
Eastern meadowlark	*Sturnella magna*	R
Great-tailed grackle	*Quiscalus mexicanus*	R
Orchard oriole	*Icterus spurius*	SR
Red-winged blackbird	*Agelaius phoeniceus*	R
Rusty blackbird	*Euphagus carolinus*	M, WR
Western meadowlark	*Sturnella neglecta*	WR
PASSERIFORMES: Fringillidae		
American goldfinch	*Spinus tristis*	M, WR
House finch	*Haemorhous mexicanus*	R
Pine siskin	*Spinus pinus*	M, WR

AVIAN SPECIES POTENTIALLY OCCURRING WITHIN THE STUDY AREA

Common Name	Scientific Name	Likely Seasonal Occurrence
Purple finch	*Haemorhous purpureus*	WR
Red crossbill	*Loxia curvirostra*	WR
PASSERIFORMES: Passeridae		
House sparrow	*Passer domesticus*	R

[1] Nomenclature follows American Birding Association (ABA 2023)

[2] According to Lockwood and Freeman (2016)

[3] Likely seasonal occurrence abbreviations: R – Resident: Occurring regularly in the same general area throughout the year. Implies breeding; SR – Summer Resident: Implies breeding but may include nonbreeders; WR – Winter Resident: Occurring during winter season; M – Migrant: Occurs as a transient passing through the area either in spring or fall or both.

Appendix D

Habitable Structure and Other Environmental Features Inventory Tables

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Table 7-2 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 1

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-79-81-82a-82b-82c-91-121-128-139-141-144-145-148-156-158-165-168-171-175-177-181-188-201-205-221-223-224-228-235-243-244-250-257-276-279-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
57	Single Family Residential	396	10
58	Other Related Structure	279	10
59	Single Family Residential	371	10
60	Single Family Residential	417	10
170	Single Family Residential	287	26
171	Single Family Residential	309	26
172	Single Family Residential	174	26
173	Single Family Residential	399	26
174	Single Family Residential	510	26
175	Single Family Residential	241	26
176	Commercial	276	26
177	Commercial	207	26
178	Other Related Structure	274	26
179	Single Family Residential	173	26
180	Single Family Residential	445	26
181	Single Family Residential	119	26
182	Single Family Residential	439	26
183	Single Family Residential	477	26
184	Single Family Residential	210	26
185	Single Family Residential	235	26
186	Single Family Residential	478	26

Table 7-2 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 1

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-79-81-82a-82b-82c-91-121-128-139-141-144-145-148-156-158-165-168-171-175-177-181-188-201-205-221-223-224-228-235-243-244-250-257-276-279-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
218	Single Family Residential	466	47
219	Other Related Structure	307	47
220	Single Family Residential	343	50
221	Other Related Structure	440	50
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56
289	Single Family Residential	423	60
290	Single Family Residential	491	60
293	Single Family Residential	404	60
294	Single Family Residential	332	60
296	Single Family Residential	441	60
297	Single Family Residential	456	60
298	Single Family Residential	468	64
299	Single Family Residential	211	64
316	Single Family Residential	216	67
412	Single Family Residential	234	79
413	Single Family Residential	354	79
415	Single Family Residential	406	79
416	Single Family Residential	356	79
417	Single Family Residential	244	79
423	Single Family Residential	378	81
440	Single Family Residential	452	82a
442	Single Family Residential	490	82b
443	Single Family Residential	478	82b
444	Single Family Residential	434	82b
445	Single Family Residential	508	82b
446	Single Family Residential	464	82b
447	Single Family Residential	467	82b
448	Single Family Residential	442	82b
449	Single Family Residential	431	82b
450	Single Family Residential	367	82c
451	Single Family Residential	169	82c
452	Single Family Residential	216	82c
453	Single Family Residential	326	82c

Table 7-2 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 1

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-79-81-82a-82b-82c-91-121-128-139-141-144-145-148-156-158-165-168-171-175-177-181-188-201-205-221-223-224-228-235-243-244-250-257-276-279-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
454	Single Family Residential	464	82c
455	Single Family Residential	375	82c
563	Single Family Residential	260	91
564	Single Family Residential	230	91
565	Single Family Residential	398	91
570	Single Family Residential	415	121
571	Single Family Residential	330	121
572	Single Family Residential	337	121
573	Single Family Residential	319	121
574	Single Family Residential	172	121
575	Single Family Residential	443	121
576	Single Family Residential	488	121
590	Single Family Residential	484	128
591	Single Family Residential	313	128
592	Single Family Residential	332	128
595	Single Family Residential	486	128
602	Single Family Residential	417	128
614	Single Family Residential	370	144
615	Other Related Structure	448	145
616	Other Related Structure	455	145
617	Other Related Structure	461	145
618	Single Family Residential	160	145
619	Single Family Residential	294	145
620	Single Family Residential	422	145
626	Single Family Residential	396	148
627	Single Family Residential	333	148
628	Single Family Residential	476	148
637	Single Family Residential	258	148
638	Other Related Structure	223	148
639	Other Related Structure	349	148
640	Single Family Residential	205	148
641	Single Family Residential	377	148
679	Single Family Residential	414	177
688	Single Family Residential	466	177
706	Single Family Residential	399	181
707	Single Family Residential	436	181
708	Single Family Residential	253	181
737	Single Family Residential	231	223
746	Single Family Residential	442	235
747	Single Family Residential	405	235

Table 7-2 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 1

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-79-81-82a-82b-82c-91-121-128-139-141-144-145-148-156-158-165-168-171-175-177-181-188-201-205-221-223-224-228-235-243-244-250-257-276-279-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
748	Single Family Residential	387	235
749	Single Family Residential	185	235
750	Single Family Residential	364	250
752	Single Family Residential	314	82c
821	Wells Cemetery	575	224
861	Rowe-Dunham Cemetery	347	91
868	Egypt Cemetery	823	148
891	Unnamed Cemetery	282	144
919	McGown Cemetery	500	82a
954	Hart-Smyth-Smith-Hall Cemetery	730	177
973	Hancock Cemetery	682	181
992	Sterling Cemetery	512	128
999	Ferrell Cemetery	576	165
1039	Darby Holcomb Cemetery	1,000	91
1083	Gay Cemetery	920	121
1117	Wood Cemetery	207	10
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,704	1
1471	Other Communication Tower	1,810	91
1483	Other Communication Tower	503	82b
1498	Other Communication Tower	416	79
1499	Other Communication Tower	1,921	82a
1520	Other Communication Tower	416	128
1522	Other Communication Tower	449	128
1538	Other Communication Tower	1,393	26
1556	Other Communication Tower	1,694	1
1575	Other Communication Tower	912	121
1637	Other Communication Tower	1,855	50
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	272	60
1751	Lone Star Hiking Trail	0	60
1807	Estates Airpark Airport	8,875	26
1812	Barnes Airfield	2,607	128
1818	GDAP Air Ranch	4,430	10
-	41SJ221 Cemetery	306	82a
-	41NW127	530	-
-	41NW79	125	-
-	41SJ111	445	-
-	41SJ183	195	-
-	41SJ189	0	-

Table 7-2 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 1

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-79-81-82a-82b-82c-91-121-128-139-141-144-145-148-156-158-165-168-171-175-177-181-188-201-205-221-223-224-228-235-243-244-250-257-276-279-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
-	41MQ39	829	-
-	41MQ40	546	-
-	41PK139	984	-
-	41SJ184	32	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-
-	41SJ220	511	-
-	41SJ222	133	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
57	Single Family Residential	396	10
58	Other Related Structure	279	10
59	Single Family Residential	371	10
60	Single Family Residential	417	10
170	Single Family Residential	287	26
171	Single Family Residential	309	26
172	Single Family Residential	174	26
173	Single Family Residential	399	26
174	Single Family Residential	510	26
175	Single Family Residential	241	26
176	Commercial	276	26
177	Commercial	207	26
178	Other Related Structure	274	26
179	Single Family Residential	173	26
180	Single Family Residential	445	26
181	Single Family Residential	119	26
182	Single Family Residential	439	26
183	Single Family Residential	477	26
184	Single Family Residential	210	26

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
185	Single Family Residential	235	26
186	Single Family Residential	478	26
218	Single Family Residential	466	47
219	Other Related Structure	307	47
220	Single Family Residential	343	50
221	Other Related Structure	440	50
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56
289	Single Family Residential	423	60
290	Single Family Residential	491	60
293	Single Family Residential	404	60
294	Single Family Residential	332	60
296	Single Family Residential	441	60
297	Single Family Residential	456	60
298	Single Family Residential	468	64
299	Single Family Residential	211	64
301	Single Family Residential	387	68
302	Single Family Residential	288	68
303	Single Family Residential	367	68
304	Single Family Residential	491	68
305	Single Family Residential	481	68
306	Single Family Residential	404	68
317	Single Family Residential	342	68
318	Single Family Residential	417	68
319	Single Family Residential	460	68
330	Single Family Residential	369	72
331	Single Family Residential	390	72
332	Single Family Residential	406	72
333	Single Family Residential	206	72
334	Single Family Residential	425	72
335	Single Family Residential	431	72
336	Single Family Residential	481	72
337	Single Family Residential	494	72

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
338	Other Related Structure	459	72
368	Single Family Residential	486	72
369	Single Family Residential	484	75
370	Single Family Residential	264	75
371	Single Family Residential	500	75
372	Single Family Residential	393	75
373	Single Family Residential	317	75
374	Single Family Residential	405	75
375	Single Family Residential	325	75
376	Other Related Structure	187	75
377	Single Family Residential	173	75
378	Single Family Residential	312	75
379	Single Family Residential	483	75
380	Single Family Residential	505	75
381	Single Family Residential	335	78
382	Single Family Residential	318	78
383	Other Related Structure	319	78
384	Single Family Residential	348	78
385	Single Family Residential	193	78
386	Single Family Residential	288	78
387	Single Family Residential	328	78
388	Single Family Residential	355	78
389	Single Family Residential	440	78
390	Single Family Residential	261	78
391	Single Family Residential	403	78
392	Single Family Residential	474	78
393	Single Family Residential	377	78
394	Single Family Residential	454	78
395	Single Family Residential	434	78
396	Commercial	289	78
397	Single Family Residential	227	78
398	Single Family Residential	494	78
481	Single Family Residential	395	95b
482	Single Family Residential	497	95b
483	Single Family Residential	464	95b
484	Single Family Residential	382	95b
485	Single Family Residential	443	95b
486	Single Family Residential	477	95b
488	Single Family Residential	328	104
489	Single Family Residential	477	104

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
492	Single Family Residential	353	108
493	Single Family Residential	495	108
494	Single Family Residential	430	108
495	Single Family Residential	285	108
496	Commercial	190	108
497	Commercial	186	108
498	Single Family Residential	431	108
499	Single Family Residential	228	108
500	Single Family Residential	275	108
501	Single Family Residential	123	108
502	Single Family Residential	431	108
503	Single Family Residential	219	108
504	Single Family Residential	251	108
505	Single Family Residential	501	108
506	Other Related Structure	378	108
507	Single Family Residential	186	108
508	Single Family Residential	382	108
509	Other Related Structure	177	108
510	Single Family Residential	182	108
511	Single Family Residential	225	108
512	Single Family Residential	415	108
513	Single Family Residential	321	108
514	Single Family Residential	288	108
515	Single Family Residential	462	108
534	Single Family Residential	137	117
535	Single Family Residential	254	117
536	Single Family Residential	278	117
537	Single Family Residential	397	117
538	Single Family Residential	175	117
539	Single Family Residential	334	117
558	Single Family Residential	474	126
559	Other Related Structure	492	126
560	Single Family Residential	398	126
561	Single Family Residential	275	126
603	Single Family Residential	451	137
604	Single Family Residential	492	137
622	Single Family Residential	353	147
623	Single Family Residential	472	147
624	Single Family Residential	307	147
625	Single Family Residential	218	147

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
642	Single Family Residential	280	150
643	Single Family Residential	459	150
644	Other Related Structure	483	150
645	Other Related Structure	409	150
646	Other Related Structure	344	150
647	Single Family Residential	333	150
648	Single Family Residential	415	150
661	Single Family Residential	412	164
675	Single Family Residential	461	172
676	Other Related Structure	464	172
685	Single Family Residential	361	172
686	Single Family Residential	306	172
687	Single Family Residential	503	172
716	Commercial	288	207
717	Single Family Residential	398	207
718	Single Family Residential	203	207
719	Single Family Residential	136	207
720	Single Family Residential	269	207
727	Single Family Residential	211	217
728	Single Family Residential	118	217
738	Single Family Residential	450	217
739	Single Family Residential	261	217
740	Single Family Residential	266	217
849	Bluff Creek Cemetery	851	117
891	Unnamed Cemetery	720	137
900	Milby Cemetery	509	78
901	Mitchell Cemetery	152	78
1074	Watts-Fuller Cemetery	438	289
1077	Goss-Kirkwood Cemetery	909	147
1117	Wood Cemetery	207	10
1219	NRHP Site of Council Hill	813	75
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,704	1
1538	Other Communication Tower	1,393	26
1556	Other Communication Tower	1,694	1
1594	Other Communication Tower	1,129	108
1637	Other Communication Tower	1,855	50
1652	Other Communication Tower	423	108
1739	Sam Houston National Forest	272	60
1751	Lone Star Hiking Trail	0	60

Table 7-3 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 2

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-68-72-75-78-95a-95b-103-104-106-108-116-117-126-133-134-136-137-143-147-150-164-166-163b-169-172-179-289-189-207-210-217-238-239-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
1807	Estates Airpark Airport	8,875	26
1814	Unnamed Private Airstrip	5,423	116
1818	GDAP Air Ranch	4,430	10
-	41JP70	666	-
-	41PK2	996	-
-	41PK272	665	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41TL87	0	-
-	41JP24	439	-
-	41MQ39	829	-
-	41MQ40	546	-
-	41PK204	223	-
-	41PK205	36	-
-	41PK206	368	-
-	41PK207	262	-
-	41PK208	3	-
-	41SJ184	32	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-
-	41SJ190	108	-
-	41SJ191	126	-
-	41TL2	722	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-4 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 3

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-19b-28-42-43-46-49-55-56-61-62-65-66-67-71-75-78-95a-95b-103-104-105-107-110-111-112-114-126-133-135-146-148-156-158-161-164-166-163b-169-172-179-289-190-192-194-208-211-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
50	Single Family Residential	426	12
51	Single Family Residential	428	12
74	Single Family Residential	388	17
75	Commercial	172	20a
79	Single Family Residential	314	287
80	Single Family Residential	307	17
81	Single Family Residential	437	17
83	Commercial	271	17
210	Single Family Residential	296	42
211	Single Family Residential	280	42
228	Single Family Residential	314	46
229	Single Family Residential	401	49
230	Single Family Residential	349	49
231	Single Family Residential	444	49
232	Single Family Residential	478	49
233	Single Family Residential	429	55
287	Single Family Residential	312	56
288	Single Family Residential	480	61
291	Single Family Residential	294	62

Table 7-4 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 3

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-19b-28-42-43-46-49-55-56-61-62-65-66-67-71-75-78-95a-95b-103-104-105-107-110-111-112-114-126-133-135-146-148-156-158-161-164-166-163b-169-172-179-289-190-192-194-208-211-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
292	Single Family Residential	397	62
295	Other Related Structure	461	62
316	Single Family Residential	216	67
359	Single Family Residential	395	71
360	Single Family Residential	461	71
361	Single Family Residential	385	71
362	Single Family Residential	455	71
363	Single Family Residential	288	71
364	Single Family Residential	264	71
365	Single Family Residential	296	71
366	Other Related Structure	344	71
367	Single Family Residential	352	71
368	Single Family Residential	486	71
369	Single Family Residential	484	75
370	Single Family Residential	264	75
371	Single Family Residential	500	75
372	Single Family Residential	393	75
373	Single Family Residential	317	75
374	Single Family Residential	405	75
375	Single Family Residential	325	75
376	Other Related Structure	187	75
377	Single Family Residential	173	75
378	Single Family Residential	312	75
379	Single Family Residential	483	75
380	Single Family Residential	505	75
381	Single Family Residential	335	78
382	Single Family Residential	318	78
383	Other Related Structure	319	78
384	Single Family Residential	348	78
385	Single Family Residential	193	78
386	Single Family Residential	288	78
387	Single Family Residential	328	78
388	Single Family Residential	355	78
389	Single Family Residential	440	78
390	Single Family Residential	261	78
391	Single Family Residential	403	78
392	Single Family Residential	474	78
393	Single Family Residential	377	78

Table 7-4 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 3

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-19b-28-42-43-46-49-55-56-61-62-65-66-67-71-75-78-95a-95b-103-104-105-107-110-111-112-114-126-133-135-146-148-156-158-161-164-166-163b-169-172-179-289-190-192-194-208-211-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
394	Single Family Residential	454	78
395	Single Family Residential	434	78
396	Commercial	289	78
397	Single Family Residential	227	78
398	Single Family Residential	494	78
481	Single Family Residential	395	95b
482	Single Family Residential	497	95b
483	Single Family Residential	464	95b
484	Single Family Residential	382	95b
485	Single Family Residential	443	95b
486	Single Family Residential	477	95b
488	Single Family Residential	328	104
489	Single Family Residential	477	104
516	Single Family Residential	306	105
517	Single Family Residential	415	105
518	Single Family Residential	253	107
519	Single Family Residential	496	107
520	Single Family Residential	247	107
521	Single Family Residential	204	110
522	Single Family Residential	387	110
523	Commercial	146	110
524	Single Family Residential	324	110
525	Single Family Residential	501	112
526	Single Family Residential	272	112
527	Single Family Residential	279	112
528	Single Family Residential	262	112
529	Single Family Residential	250	112
530	Single Family Residential	251	114
531	Single Family Residential	421	114
533	Single Family Residential	500	114
558	Single Family Residential	474	126
559	Other Related Structure	492	126
560	Single Family Residential	398	126
561	Single Family Residential	275	126
607	Single Family Residential	320	135
608	Single Family Residential	399	135
609	Single Family Residential	260	135
610	Single Family Residential	341	135

Table 7-4 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 3

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-19b-28-42-43-46-49-55-56-61-62-65-66-67-71-75-78-95a-95b-103-104-105-107-110-111-112-114-126-133-135-146-148-156-158-161-164-166-163b-169-172-179-289-190-192-194-208-211-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
611	Single Family Residential	371	135
612	Other Related Structure	330	135
613	Single Family Residential	430	135
626	Single Family Residential	396	148
627	Single Family Residential	333	148
628	Single Family Residential	476	148
637	Single Family Residential	258	148
638	Other Related Structure	223	148
639	Other Related Structure	349	148
640	Single Family Residential	205	148
641	Single Family Residential	377	148
661	Single Family Residential	412	164
675	Single Family Residential	461	172
676	Other Related Structure	464	172
685	Single Family Residential	361	172
686	Single Family Residential	306	172
687	Single Family Residential	503	172
727	Single Family Residential	211	217
728	Single Family Residential	118	217
738	Single Family Residential	450	217
739	Single Family Residential	261	217
740	Single Family Residential	266	217
868	Egypt Cemetery	823	148
900	Milby Cemetery	509	78
901	Mitchell Cemetery	152	78
1074	Watts-Fuller Cemetery	438	289
1219	NRHP Site of Council Hill	813	75
1459	Other Communication Tower	1,818	ExA
1462	Other Communication Tower	1,700	46
1463	Other Communication Tower	1,704	1
1474	Other Communication Tower	530	208
1487	Other Communication Tower	452	135
1547	Other Communication Tower	1,800	46
1556	Other Communication Tower	1,694	1
1566	Other Communication Tower	559	135
1661	Other Communication Tower	755	17
1739	Sam Houston National Forest	309	56
1751	Lone Star Hiking Trail	0	62

Table 7-4 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 3

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-19b-28-42-43-46-49-55-56-61-62-65-66-67-71-75-78-95a-95b-103-104-105-107-110-111-112-114-126-133-135-146-148-156-158-161-164-166-163b-169-172-179-289-190-192-194-208-211-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
1807	Estates Airpark Airport	8,393	46
1818	GDAP Air Ranch	5,494	11
-	41JP70	666	-
-	41PK2	996	-
-	41PK272	665	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41TL87	0	-
-	41JP24	439	-
-	41PK204	246	-
-	41PK205	36	-
-	41PK206	368	-
-	41PK207	262	-
-	41PK208	3	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-5 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 4

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-80-85-88-90-93-119-123-125-132-133-135-149-155-157-160-168-171-175-177-181-188-201-203-204-213-234-245-252-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
57	Single Family Residential	396	10
58	Other Related Structure	279	10
59	Single Family Residential	371	10
60	Single Family Residential	417	10
170	Single Family Residential	287	26
171	Single Family Residential	309	26
172	Single Family Residential	174	26
173	Single Family Residential	399	26
174	Single Family Residential	510	26
175	Single Family Residential	241	26
176	Commercial	276	26
177	Commercial	207	26
178	Other Related Structure	274	26
179	Single Family Residential	173	26
180	Single Family Residential	445	26
181	Single Family Residential	119	26
182	Single Family Residential	439	26
183	Single Family Residential	477	26
184	Single Family Residential	210	26
185	Single Family Residential	235	26

Table 7-5 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 4

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-80-85-88-90-93-119-123-125-132-133-135-149-155-157-160-168-171-175-177-181-188-201-203-204-213-234-245-252-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
186	Single Family Residential	478	26
218	Single Family Residential	466	47
219	Other Related Structure	307	47
220	Single Family Residential	343	50
221	Other Related Structure	440	50
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56
289	Single Family Residential	423	60
290	Single Family Residential	491	60
293	Single Family Residential	404	60
294	Single Family Residential	332	60
296	Single Family Residential	441	60
297	Single Family Residential	456	60
298	Single Family Residential	468	64
299	Single Family Residential	211	64
316	Single Family Residential	216	67
418	Single Family Residential	334	80
419	Single Family Residential	322	80
420	Single Family Residential	187	80
421	Single Family Residential	282	80
422	Single Family Residential	403	80
424	Single Family Residential	438	85
429	Single Family Residential	502	88
434	Single Family Residential	452	90
435	Single Family Residential	127	90
436	Single Family Residential	347	90
437	Single Family Residential	350	90
438	Other Related Structure	287	90
439	Single Family Residential	391	90
456	Single Family Residential	313	90
457	Single Family Residential	380	90
458	Single Family Residential	352	90
459	Single Family Residential	457	90

Table 7-5 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 4

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-80-85-88-90-93-119-123-125-132-133-135-149-155-157-160-168-171-175-177-181-188-201-203-204-213-234-245-252-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
460	Single Family Residential	444	90
461	Single Family Residential	205	90
462	Single Family Residential	442	90
463	Single Family Residential	508	90
562	Single Family Residential	327	93
568	Single Family Residential	382	119
569	Single Family Residential	352	119
581	Single Family Residential	284	123
582	Single Family Residential	320	123
584	Single Family Residential	323	123
585	Single Family Residential	284	123
589	Single Family Residential	380	123
607	Single Family Residential	320	135
608	Single Family Residential	399	135
609	Single Family Residential	260	135
610	Single Family Residential	341	135
611	Single Family Residential	371	135
612	Other Related Structure	330	135
613	Single Family Residential	430	135
629	Other Related Structure	119	149
630	Single Family Residential	475	149
631	Single Family Residential	447	149
632	Single Family Residential	185	149
633	Single Family Residential	318	149
634	Single Family Residential	133	149
635	Single Family Residential	225	149
636	Single Family Residential	113	149
649	Single Family Residential	271	157
650	Single Family Residential	250	157
651	Single Family Residential	477	157
652	Other Related Structure	381	157
653	Single Family Residential	453	157
654	Single Family Residential	304	157
655	Single Family Residential	229	157
656	Single Family Residential	160	157
657	Single Family Residential	377	160
658	Single Family Residential	305	160
659	Single Family Residential	335	160
660	Single Family Residential	349	160

Table 7-5 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 4

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-80-85-88-90-93-119-123-125-132-133-135-149-155-157-160-168-171-175-177-181-188-201-203-204-213-234-245-252-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
679	Single Family Residential	414	177
688	Single Family Residential	466	177
706	Single Family Residential	399	181
707	Single Family Residential	436	181
708	Single Family Residential	253	181
729	Single Family Residential	256	213
730	Single Family Residential	203	213
731	Single Family Residential	364	213
880	Feagin Cemetery	731	125
954	Hart-Smyth-Smith-Hall Cemetery	730	177
973	Hancock Cemetery	682	181
1076	De La Fosse Cemetery	282	90
1117	Wood Cemetery	207	10
1455	Other Communication Tower	1,114	204
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,704	1
1487	Other Communication Tower	452	135
1489	Other Communication Tower	515	157
1514	Other Communication Tower	1,202	204
1538	Other Communication Tower	1,393	26
1556	Other Communication Tower	1,694	1
1566	Other Communication Tower	559	135
1592	Other Communication Tower	1,804	213
1637	Other Communication Tower	1,855	50
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	272	60
1751	Lone Star Hiking Trail	0	60
1807	Estates Airpark Airport	8,875	26
1818	GDAP Air Ranch	4,430	10
1819	Scrappin Valley Airport	3,820	213
-	41PK278	235	-
-	41PK285	818	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41TL22	412	-
-	41TN44	0	-
-	41JP114	796	-
-	41MQ39	829	-
-	41MQ40	546	-

Table 7-5 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 4

Segment Combinations: ExA-1-7-10-26-47-50-55-56-60-64-67-70-80-85-88-90-93-119-123-125-132-133-135-149-155-157-160-168-171-175-177-181-188-201-203-204-213-234-245-252-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
-	41PK67	879	-
-	41SJ184	32	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-6 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 5

Segment Combinations: ExA-1-7-11-12-14-17-20a-20b-24-30-36-41-44-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-135-149-155-157-160-168-171-175-178-185-208-211-215-216-226-232-236-260-272-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
50	Single Family Residential	426	12
51	Single Family Residential	428	12
74	Single Family Residential	388	17
75	Commercial	172	20a
76	Single Family Residential	508	24
77	Single Family Residential	318	24
78	Single Family Residential	367	24
79	Single Family Residential	223	20b
80	Single Family Residential	307	17
81	Single Family Residential	437	17
83	Commercial	271	17
212	Single Family Residential	180	44
213	Single Family Residential	209	44
214	Single Family Residential	247	44
215	Single Family Residential	394	44
216	Single Family Residential	434	44
217	Single Family Residential	453	44
220	Single Family Residential	343	50
221	Other Related Structure	440	50

Table 7-6 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 5

Segment Combinations: ExA-1-7-11-12-14-17-20a-20b-24-30-36-41-44-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-135-149-155-157-160-168-171-175-178-185-208-211-215-216-226-232-236-260-272-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56
288	Single Family Residential	480	61
291	Single Family Residential	294	62
292	Single Family Residential	397	62
295	Other Related Structure	461	62
300	Single Family Residential	375	69
307	Single Family Residential	334	69
308	Single Family Residential	302	69
309	Single Family Residential	216	69
310	Single Family Residential	171	69
311	Single Family Residential	399	69
312	Single Family Residential	507	69
313	Single Family Residential	286	69
314	Single Family Residential	306	69
315	Single Family Residential	328	69
320	Single Family Residential	379	69
321	Single Family Residential	445	69
322	Single Family Residential	227	69
323	Single Family Residential	241	69
324	Single Family Residential	436	69
325	Single Family Residential	390	69
326	Single Family Residential	499	69
339	Commercial	304	69
340	Single Family Residential	359	69
341	Other Related Structure	311	74
342	Single Family Residential	182	74
344	Single Family Residential	137	74
345	Other Related Structure	412	74
346	Single Family Residential	448	74
347	Single Family Residential	398	74
348	Single Family Residential	454	74

Table 7-6 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 5

Segment Combinations: ExA-1-7-11-12-14-17-20a-20b-24-30-36-41-44-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-135-149-155-157-160-168-171-175-178-185-208-211-215-216-226-232-236-260-272-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
349	Single Family Residential	460	74
350	Single Family Residential	432	74
351	Single Family Residential	471	74
352	Single Family Residential	472	74
353	Single Family Residential	442	74
354	Single Family Residential	273	74
355	Single Family Residential	354	74
356	Single Family Residential	341	74
357	Single Family Residential	441	74
358	Single Family Residential	379	74
399	Single Family Residential	468	77a
400	Single Family Residential	385	77a
401	Single Family Residential	378	77b
403	Single Family Residential	357	77b
404	Single Family Residential	368	77b
405	Single Family Residential	372	77b
406	Single Family Residential	367	77b
407	Single Family Residential	267	77b
408	Single Family Residential	293	77b
409	Single Family Residential	485	77b
410	Single Family Residential	243	77b
411	Single Family Residential	508	77b
490	Single Family Residential	371	99b
491	Single Family Residential	422	99b
534	Single Family Residential	137	117
535	Single Family Residential	254	117
536	Single Family Residential	278	117
537	Single Family Residential	397	117
538	Single Family Residential	175	117
539	Single Family Residential	334	117
558	Single Family Residential	474	126
559	Other Related Structure	492	126
560	Single Family Residential	398	126
561	Single Family Residential	275	126
607	Single Family Residential	320	135
608	Single Family Residential	399	135
609	Single Family Residential	260	135
610	Single Family Residential	341	135

Table 7-6 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 5

Segment Combinations: ExA-1-7-11-12-14-17-20a-20b-24-30-36-41-44-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-135-149-155-157-160-168-171-175-178-185-208-211-215-216-226-232-236-260-272-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
611	Single Family Residential	371	135
612	Other Related Structure	330	135
613	Single Family Residential	430	135
629	Other Related Structure	119	149
630	Single Family Residential	475	149
631	Single Family Residential	447	149
632	Single Family Residential	185	149
633	Single Family Residential	318	149
634	Single Family Residential	133	149
635	Single Family Residential	225	149
636	Single Family Residential	113	149
649	Single Family Residential	271	157
650	Single Family Residential	250	157
651	Single Family Residential	477	157
652	Other Related Structure	381	157
653	Single Family Residential	453	157
654	Single Family Residential	304	157
655	Single Family Residential	229	157
656	Single Family Residential	160	157
657	Single Family Residential	377	160
658	Single Family Residential	305	160
659	Single Family Residential	335	160
660	Single Family Residential	349	160
680	Other Related Structure	175	178
693	Single Family Residential	434	185
697	Single Family Residential	373	185
698	Commercial	383	185
699	Single Family Residential	333	185
700	Single Family Residential	165	185
701	Single Family Residential	389	185
702	Single Family Residential	417	185
703	Commercial	270	185
704	Commercial	377	185
709	Single Family Residential	354	185
710	Single Family Residential	271	185
711	Single Family Residential	428	185
741	Single Family Residential	484	226
813	Yates Cemetery	395	185

Table 7-6 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 5

Segment Combinations: ExA-1-7-11-12-14-17-20a-20b-24-30-36-41-44-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-135-149-155-157-160-168-171-175-178-185-208-211-215-216-226-232-236-260-272-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
849	Bluff Creek Cemetery	851	117
899	Ellis Cemetery	573	77b
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,704	1
1474	Other Communication Tower	530	208
1481	Other Communication Tower	692	69
1487	Other Communication Tower	452	135
1489	Other Communication Tower	515	157
1527	Other Communication Tower	267	44
1556	Other Communication Tower	1,694	1
1566	Other Communication Tower	559	135
1637	Other Communication Tower	1,855	50
1661	Other Communication Tower	755	17
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	130	69
1751	Lone Star Hiking Trail	0	62
1814	Unnamed Private Airstrip	5,423	116
1816	Loghouse/STOL Airstrip	4,772	99b
1818	GDAP Air Ranch	5,494	11
-	41PK251	563	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41TL22	412	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-
-	41SJ215	591	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
32	Single Family Residential	504	1
33	Single Family Residential	389	1
34	Single Family Residential	286	1
35	Single Family Residential	377	1
36	Single Family Residential	465	1
37	Single Family Residential	499	1
38	Single Family Residential	332	1
50	Single Family Residential	426	12
51	Single Family Residential	428	12
74	Single Family Residential	388	17
75	Commercial	172	20a
79	Single Family Residential	314	287
80	Single Family Residential	307	17
81	Single Family Residential	437	17
83	Commercial	271	17
106	Commercial	243	288
107	Commercial	356	288
117	Commercial	338	21
118	Commercial	362	21
119	Commercial	456	21
121	Single Family Residential	143	21
122	Single Family Residential	404	21
187	Single Family Residential	489	27
188	Single Family Residential	403	27
189	Single Family Residential	313	27
190	Other Related Structure	222	27

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
191	Single Family Residential	235	27
192	Single Family Residential	354	27
193	Single Family Residential	500	27
194	Single Family Residential	501	27
195	Single Family Residential	244	27
196	Single Family Residential	410	27
197	Single Family Residential	447	27
198	Single Family Residential	261	27
199	Single Family Residential	285	27
200	Single Family Residential	471	27
201	Single Family Residential	351	27
202	Single Family Residential	372	27
203	Single Family Residential	389	27
204	Single Family Residential	283	27
205	Single Family Residential	398	27
206	Single Family Residential	422	27
207	Single Family Residential	403	27
208	Single Family Residential	301	27
209	Single Family Residential	499	27
218	Single Family Residential	466	47
219	Other Related Structure	307	47
220	Single Family Residential	343	50
221	Other Related Structure	440	50
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56
288	Single Family Residential	480	61
291	Single Family Residential	294	62
292	Single Family Residential	397	62
295	Other Related Structure	461	62
300	Single Family Residential	375	69
307	Single Family Residential	334	69
308	Single Family Residential	302	69

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
309	Single Family Residential	216	69
310	Single Family Residential	171	69
311	Single Family Residential	399	69
312	Single Family Residential	507	69
313	Single Family Residential	286	69
314	Single Family Residential	306	69
315	Single Family Residential	328	69
320	Single Family Residential	379	69
321	Single Family Residential	445	69
322	Single Family Residential	227	69
323	Single Family Residential	241	69
324	Single Family Residential	436	69
325	Single Family Residential	390	69
326	Single Family Residential	499	69
339	Commercial	304	69
340	Single Family Residential	359	69
341	Other Related Structure	311	74
342	Single Family Residential	182	74
344	Single Family Residential	137	74
345	Other Related Structure	412	74
346	Single Family Residential	448	74
347	Single Family Residential	398	74
348	Single Family Residential	454	74
349	Single Family Residential	460	74
350	Single Family Residential	432	74
351	Single Family Residential	471	74
352	Single Family Residential	472	74
353	Single Family Residential	442	74
354	Single Family Residential	273	74
355	Single Family Residential	354	74
356	Single Family Residential	341	74
357	Single Family Residential	441	74
358	Single Family Residential	379	74
381	Single Family Residential	335	78
382	Single Family Residential	318	78
383	Other Related Structure	319	78
384	Single Family Residential	348	78
385	Single Family Residential	193	78

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
386	Single Family Residential	288	78
387	Single Family Residential	328	78
388	Single Family Residential	355	78
389	Single Family Residential	440	78
390	Single Family Residential	261	78
391	Single Family Residential	403	78
392	Single Family Residential	474	78
393	Single Family Residential	377	78
394	Single Family Residential	454	78
395	Single Family Residential	434	78
396	Commercial	289	78
397	Single Family Residential	227	78
398	Single Family Residential	494	78
481	Single Family Residential	395	95b
482	Single Family Residential	497	95b
483	Single Family Residential	464	95b
484	Single Family Residential	382	95b
485	Single Family Residential	443	95b
486	Single Family Residential	477	95b
488	Single Family Residential	328	104
489	Single Family Residential	477	104
492	Single Family Residential	353	108
493	Single Family Residential	495	108
494	Single Family Residential	430	108
495	Single Family Residential	285	108
496	Commercial	190	108
497	Commercial	186	108
498	Single Family Residential	431	108
499	Single Family Residential	228	108
500	Single Family Residential	275	108
501	Single Family Residential	123	108
502	Single Family Residential	431	108
503	Single Family Residential	219	108
504	Single Family Residential	251	108
505	Single Family Residential	501	108
506	Other Related Structure	378	108
507	Single Family Residential	186	108
508	Single Family Residential	382	108

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
509	Other Related Structure	177	108
510	Single Family Residential	182	108
511	Single Family Residential	225	108
512	Single Family Residential	415	108
513	Single Family Residential	321	108
514	Single Family Residential	288	108
515	Single Family Residential	462	108
534	Single Family Residential	137	117
535	Single Family Residential	254	117
536	Single Family Residential	278	117
537	Single Family Residential	397	117
538	Single Family Residential	175	117
539	Single Family Residential	334	117
558	Single Family Residential	474	126
559	Other Related Structure	492	126
560	Single Family Residential	398	126
561	Single Family Residential	275	126
603	Single Family Residential	354	142
604	Single Family Residential	389	142
605	Single Family Residential	377	142
606	Single Family Residential	405	142
615	Other Related Structure	448	145
616	Other Related Structure	455	145
617	Other Related Structure	461	145
618	Single Family Residential	160	145
619	Single Family Residential	294	145
620	Single Family Residential	422	145
626	Single Family Residential	396	148
627	Single Family Residential	333	148
628	Single Family Residential	476	148
637	Single Family Residential	258	148
638	Other Related Structure	223	148
639	Other Related Structure	349	148
640	Single Family Residential	205	148
641	Single Family Residential	377	148
679	Single Family Residential	414	177
688	Single Family Residential	466	177
713	Single Family Residential	474	183

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
714	Single Family Residential	495	183
715	Single Family Residential	323	183
716	Commercial	288	207
717	Single Family Residential	398	207
718	Single Family Residential	203	207
719	Single Family Residential	136	207
720	Single Family Residential	269	207
741	Single Family Residential	484	226
742	Single Family Residential	342	237
743	Single Family Residential	424	237
744	Single Family Residential	320	237
745	Single Family Residential	219	237
849	Bluff Creek Cemetery	851	117
868	Egypt Cemetery	823	148
900	Milby Cemetery	509	78
901	Mitchell Cemetery	152	78
954	Hart-Smyth-Smith-Hall Cemetery	730	177
973	Hancock Cemetery	945	183
999	Ferrell Cemetery	576	165
1079	Mt. Zion Cemetery	349	27
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,704	1
1481	Other Communication Tower	692	69
1556	Other Communication Tower	1,694	1
1594	Other Communication Tower	1,129	108
1637	Other Communication Tower	1,855	50
1652	Other Communication Tower	423	108
1661	Other Communication Tower	755	17
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	130	69
1751	Lone Star Hiking Trail	0	62
1814	Unnamed Private Airstrip	5,423	116
1818	GDAP Air Ranch	5,494	11
-	41PK2	996	-
-	41PK272	665	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41NW63	964	-

Table 7-7 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 6

Segment Combinations: ExA-1-7-11-12-14-17-20a-287-288-21-27-43-47-50-55-56-61-62-65-69-74-76-78-95a-95b-103-104-106-108-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-177-183-191-195-207-209-216-226-237-246-254-259-268-273

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
-	41PK204	223	-
-	41PK205	36	-
-	41PK206	368	-
-	41PK207	262	-
-	41PK208	3	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-8 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 7

Segment Combinations: ExA-286-7-11-12-14-17-20a-20b-24-30-36-41-42-43-47-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-178-184-193-195-207-210-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
6	Single Family Residential	172	ExA
7	Single Family Residential	274	ExA
8	Single Family Residential	174	ExA
9	Single Family Residential	266	ExA
10	Single Family Residential	173	ExA
11	Single Family Residential	264	ExA
12	Single Family Residential	188	ExA
13	Single Family Residential	268	ExA
14	Single Family Residential	371	ExA
15	Single Family Residential	369	ExA
16	Single Family Residential	468	ExA
17	Single Family Residential	471	ExA
40	Single Family Residential	339	286
50	Single Family Residential	426	12
51	Single Family Residential	428	12
74	Single Family Residential	388	17
75	Commercial	172	20a
76	Single Family Residential	508	24
77	Single Family Residential	318	24
78	Single Family Residential	367	24
79	Single Family Residential	223	20b
80	Single Family Residential	307	17
81	Single Family Residential	437	17
83	Commercial	271	17
210	Single Family Residential	296	42
211	Single Family Residential	280	42
218	Single Family Residential	466	47
219	Other Related Structure	307	47
220	Single Family Residential	343	50
221	Other Related Structure	440	50
222	Single Family Residential	408	50
223	Single Family Residential	416	50
224	Single Family Residential	147	50
225	Single Family Residential	409	50
226	Single Family Residential	148	50
227	Single Family Residential	373	50
233	Single Family Residential	429	55
287	Single Family Residential	312	56

Table 7-8 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 7

Segment Combinations: ExA-286-7-11-12-14-17-20a-20b-24-30-36-41-42-43-47-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-178-184-193-195-207-210-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
288	Single Family Residential	480	61
291	Single Family Residential	294	62
292	Single Family Residential	397	62
295	Other Related Structure	461	62
300	Single Family Residential	375	69
307	Single Family Residential	334	69
308	Single Family Residential	302	69
309	Single Family Residential	216	69
310	Single Family Residential	171	69
311	Single Family Residential	399	69
312	Single Family Residential	507	69
313	Single Family Residential	286	69
314	Single Family Residential	306	69
315	Single Family Residential	328	69
320	Single Family Residential	379	69
321	Single Family Residential	445	69
322	Single Family Residential	227	69
323	Single Family Residential	241	69
324	Single Family Residential	436	69
325	Single Family Residential	390	69
326	Single Family Residential	499	69
339	Commercial	304	69
340	Single Family Residential	359	69
341	Other Related Structure	311	74
342	Single Family Residential	182	74
344	Single Family Residential	137	74
345	Other Related Structure	412	74
346	Single Family Residential	448	74
347	Single Family Residential	398	74
348	Single Family Residential	454	74
349	Single Family Residential	460	74
350	Single Family Residential	432	74
351	Single Family Residential	471	74
352	Single Family Residential	472	74
353	Single Family Residential	442	74
354	Single Family Residential	273	74
355	Single Family Residential	354	74
356	Single Family Residential	341	74

Table 7-8 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 7

Segment Combinations: ExA-286-7-11-12-14-17-20a-20b-24-30-36-41-42-43-47-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-178-184-193-195-207-210-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
357	Single Family Residential	441	74
358	Single Family Residential	379	74
399	Single Family Residential	468	77a
400	Single Family Residential	385	77a
401	Single Family Residential	378	77b
403	Single Family Residential	357	77b
404	Single Family Residential	368	77b
405	Single Family Residential	372	77b
406	Single Family Residential	367	77b
407	Single Family Residential	267	77b
408	Single Family Residential	293	77b
409	Single Family Residential	485	77b
410	Single Family Residential	243	77b
411	Single Family Residential	508	77b
490	Single Family Residential	371	99b
491	Single Family Residential	422	99b
534	Single Family Residential	137	117
535	Single Family Residential	254	117
536	Single Family Residential	278	117
537	Single Family Residential	397	117
538	Single Family Residential	175	117
539	Single Family Residential	334	117
558	Single Family Residential	474	126
559	Other Related Structure	492	126
560	Single Family Residential	398	126
561	Single Family Residential	275	126
603	Single Family Residential	354	142
604	Single Family Residential	389	142
605	Single Family Residential	377	142
606	Single Family Residential	405	142
615	Other Related Structure	448	145
616	Other Related Structure	455	145
617	Other Related Structure	461	145
618	Single Family Residential	160	145
619	Single Family Residential	294	145
620	Single Family Residential	422	145
626	Single Family Residential	396	148
627	Single Family Residential	333	148

Table 7-8 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 7

Segment Combinations: ExA-286-7-11-12-14-17-20a-20b-24-30-36-41-42-43-47-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-178-184-193-195-207-210-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
628	Single Family Residential	476	148
637	Single Family Residential	258	148
638	Other Related Structure	223	148
639	Other Related Structure	349	148
640	Single Family Residential	205	148
641	Single Family Residential	377	148
680	Other Related Structure	175	178
694	Single Family Residential	130	184
695	Other Related Structure	176	184
696	Single Family Residential	125	184
705	Single Family Residential	433	184
716	Commercial	288	207
717	Single Family Residential	398	207
718	Single Family Residential	203	207
719	Single Family Residential	136	207
720	Single Family Residential	269	207
727	Single Family Residential	211	217
728	Single Family Residential	118	217
738	Single Family Residential	450	217
739	Single Family Residential	261	217
740	Single Family Residential	266	217
849	Bluff Creek Cemetery	851	117
868	Egypt Cemetery	823	148
899	Ellis Cemetery	573	77b
999	Ferrell Cemetery	576	165
1459	Other Communication Tower	1,818	ExA
1463	Other Communication Tower	1,724	ExA
1481	Other Communication Tower	692	69
1556	Other Communication Tower	1,720	ExA
1637	Other Communication Tower	1,855	50
1661	Other Communication Tower	755	17
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	130	69
1751	Lone Star Hiking Trail	0	62
1814	Unnamed Private Airstrip	5,423	116
1816	Loghouse/STOL Airstrip	4,772	99b
1818	GDAP Air Ranch	5,456	286
-	41PK251	563	-

Table 7-8 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 7

Segment Combinations: ExA-286-7-11-12-14-17-20a-20b-24-30-36-41-42-43-47-50-55-56-61-62-65-69-74-77a-77b-97a-97b-99a-99b-116-117-126-133-134-136-142-145-148-156-158-165-168-171-175-178-184-193-195-207-210-217-238-239-246-255-262-266

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
-	41SJ183	195	-
-	41SJ189	0	-
-	41SJ185	143	-
-	41SJ186	143	-
-	41SJ187	143	-
-	41SJ188	139	-
-	41SJ215	591	-

[1] Due to the potential horizontal inaccuracies of the aerial photography and data utilized, all habitable structures within 510' have been identified.

[2] Nearest Alternate Route Segment to sensitive cultural resource sites are not provided for protection of the sites.

Table 7-9 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 8

Segment Combinations: ExB-2-5-7-10-26-46-49-55-56-61-62-65-66-68-73-74-77a-282-283-285-95b-103-104-105-107-110-111-112-113-120-122-128-139-140-147-151-165-168-171-175-177-181-188-201-203-204-214-219-223-225-237-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
57	Single Family Residential	396	10
58	Other Related Structure	279	10
59	Single Family Residential	371	10
60	Single Family Residential	417	10
170	Single Family Residential	287	26
171	Single Family Residential	309	26
172	Single Family Residential	174	26
173	Single Family Residential	399	26
174	Single Family Residential	510	26
175	Single Family Residential	241	26
176	Commercial	276	26
177	Commercial	207	26
178	Other Related Structure	274	26
179	Single Family Residential	173	26
180	Single Family Residential	445	26
181	Single Family Residential	119	26
182	Single Family Residential	439	26
183	Single Family Residential	477	26
184	Single Family Residential	210	26
185	Single Family Residential	235	26
186	Single Family Residential	478	26
228	Single Family Residential	314	46
229	Single Family Residential	401	49
230	Single Family Residential	349	49
231	Single Family Residential	444	49
232	Single Family Residential	478	49
233	Single Family Residential	429	55
287	Single Family Residential	312	56
288	Single Family Residential	480	61
291	Single Family Residential	294	62
292	Single Family Residential	397	62
295	Other Related Structure	461	62
301	Single Family Residential	387	68
302	Single Family Residential	288	68
303	Single Family Residential	367	68
304	Single Family Residential	491	68
305	Single Family Residential	481	68
306	Single Family Residential	404	68

Table 7-9 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 8

Segment Combinations: ExB-2-5-7-10-26-46-49-55-56-61-62-65-66-68-73-74-77a-282-283-285-95b-103-104-105-107-110-111-112-113-120-122-128-139-140-147-151-165-168-171-175-177-181-188-201-203-204-214-219-223-225-237-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
317	Single Family Residential	342	68
318	Single Family Residential	417	68
319	Single Family Residential	460	68
327	Single Family Residential	353	73
328	Single Family Residential	394	73
329	Single Family Residential	329	73
341	Other Related Structure	311	74
342	Single Family Residential	182	74
343	Single Family Residential	427	73
344	Single Family Residential	137	74
345	Other Related Structure	412	74
346	Single Family Residential	448	74
347	Single Family Residential	398	74
348	Single Family Residential	454	74
349	Single Family Residential	460	74
350	Single Family Residential	432	74
351	Single Family Residential	471	74
352	Single Family Residential	472	74
353	Single Family Residential	442	74
354	Single Family Residential	273	74
355	Single Family Residential	354	74
356	Single Family Residential	341	74
357	Single Family Residential	441	74
358	Single Family Residential	379	74
399	Single Family Residential	468	77a
400	Single Family Residential	381	282
402	Place of Worship	259	282
481	Single Family Residential	395	95b
482	Single Family Residential	497	95b
483	Single Family Residential	464	95b
484	Single Family Residential	382	95b
485	Single Family Residential	443	95b
486	Single Family Residential	477	95b
488	Single Family Residential	328	104
489	Single Family Residential	477	104
516	Single Family Residential	306	105
517	Single Family Residential	415	105
518	Single Family Residential	253	107

Table 7-9 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 8

Segment Combinations: ExB-2-5-7-10-26-46-49-55-56-61-62-65-66-68-73-74-77a-282-283-285-95b-103-104-105-107-110-111-112-113-120-122-128-139-140-147-151-165-168-171-175-177-181-188-201-203-204-214-219-223-225-237-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
519	Single Family Residential	496	107
520	Single Family Residential	247	107
521	Single Family Residential	204	110
522	Single Family Residential	387	110
523	Commercial	146	110
524	Single Family Residential	324	110
525	Single Family Residential	501	112
526	Single Family Residential	272	112
527	Single Family Residential	279	112
528	Single Family Residential	262	112
529	Single Family Residential	250	112
590	Single Family Residential	217	122
591	Single Family Residential	313	128
592	Single Family Residential	332	128
595	Single Family Residential	486	128
602	Single Family Residential	417	128
622	Single Family Residential	353	147
623	Single Family Residential	472	147
624	Single Family Residential	307	147
625	Single Family Residential	218	147
679	Single Family Residential	414	177
688	Single Family Residential	466	177
706	Single Family Residential	399	181
707	Single Family Residential	436	181
708	Single Family Residential	253	181
721	Single Family Residential	383	214
722	Single Family Residential	390	214
723	Single Family Residential	353	214
724	Single Family Residential	356	214
725	Single Family Residential	368	214
726	Single Family Residential	436	214
732	Single Family Residential	403	219
733	Single Family Residential	481	219
734	Single Family Residential	494	219
735	Single Family Residential	290	219
736	Single Family Residential	188	219
737	Single Family Residential	231	223
742	Single Family Residential	342	237

Table 7-9 Habitable Structures and Other Land Use Features in the Vicinity of Primary Alternative Route 8

Segment Combinations: ExB-2-5-7-10-26-46-49-55-56-61-62-65-66-68-73-74-77a-282-283-285-95b-103-104-105-107-110-111-112-113-120-122-128-139-140-147-151-165-168-171-175-177-181-188-201-203-204-214-219-223-225-237-246-254-259-267-270-275-280-281

Map Number	Structure or Feature	Approximate Distance from Route Centerline[1] (feet)	Nearest Alternative Route Segment[2]
743	Single Family Residential	424	237
744	Single Family Residential	320	237
745	Single Family Residential	219	237
954	Hart-Smyth-Smith-Hall Cemetery	730	177
973	Hancock Cemetery	682	181
992	Sterling Cemetery	512	128
999	FerrellCemetery	576	165
1077	Goss-Kirkwood Cemetery	909	147
1114	41MQ335 Cemetery	874	5
1117	Wood Cemetery	207	10
1455	Other Communication Tower	1,114	204
1459	Other Communication Tower	1,818	ExB
1462	Other Communication Tower	1,700	46
1463	Other Communication Tower	710	2
1514	Other Communication Tower	1,202	204
1520	Other Communication Tower	416	128
1522	Other Communication Tower	449	128
1523	Other Communication Tower	1,642	282
1538	Other Communication Tower	1,393	26
1547	Other Communication Tower	1,800	46
1556	Other Communication Tower	721	2
1597	Other Communication Tower	1,969	219
1717	Angelina Neches / Dam B WMA	152	168
1739	Sam Houston National Forest	188	282
1751	Lone Star Hiking Trail	0	62
1807	Estates Airpark Airport	8,393	46
1810	Rocking B Cattle Airport	6,658	282
1812	Barnes Airfield	2,607	128
1818	GDAP Air Ranch	4,430	10
-	41PK2	996	-
-	41PK272	665	-
-	41SJ183	195	-
-	41SJ189	0	-
-	41SJ232	650	-
-	41SJ240	401	-
-	41MQ39	829	-
-	41MQ40	546	-
-	41NW63	964	-