Archeological Background Study

Project Name: FM 1641 Widening

Highway: FM 548: US 80 to FM 1641 and FM 1641: FM 548 to FM 148

District(s): Dallas

County(s): Kaufman

CSJ Number(s): 1217-01-019, 2588-01-020

Author and Affiliation: Dean Sather, Amy Favret, Lindsay Vermillion, Jacobs Engineering Group

Report Completion Date: February 19, 2020

Table of Contents

Introduction

This report documents the results of the archeological background study and assessment of archeological site locations within 1 kilometer (km) of the project. An archeological survey of the project area was not conducted as an element of this report. The purpose of this background study is to gather available information on previously recorded archeological surveys, archeological sites, and historic resources that may have associated archeological deposits within the project area and to assess the potential for the presence of significant cultural resources. This project may require compliance both with Section 106 of the National Historic Preservation Act and with the Texas Antiquities Code. The purpose of this document is to identify risks for archeological historic properties within the project's area of potential effects (APE). The document also considers whether any cemeteries may extend into the APE, requiring compliance with the state Health and Safety Code.

The following sections list the results of review of readily-available information for the APE's setting and adjacent areas. The report also evaluates adjacent areas (a buffer zone; see Recommendations Section for definition of the buffer zone). The buffer zone is evaluated in case a subsequent design change expands the APE. This report concludes with separate recommendations regarding project effects and the need for additional work within shallow deposits less than three feet in depth and within Holocene-age deposits of three feet or greater depth, if such deep deposits are present.

This background study is (check one):	☒ the initial study for this project
	☐ a continuation of previous investigations due to design changes or other reasons Identify previous investigation(s): N/A If this box is checked, then answer the questions below only for the area that is affected by the design change.

Area of Potential Effects

The APE is defined to encompass the limits of the existing right of way; proposed, new project right of way; permanent and temporary easements; and any project-specific locations and utility relocations designated by TxDOT. Note: the APE encompasses the entirety of the project area, regardless of the extent of prior archeological investigations, the particular locations subject to proposed field investigations, or the portion of a project added through a design change. If impacts are not known, worst-case impacts are assumed in defining the APE.

See **Attachment 1** for a map of the APE, which is based on the project information attached as **Attachment 2**.

Information Source Checklist

(check each source of information that was consulted by the professional archeologist in preparing this background study—the number and type of sources are at the professional archeologist's discretion)

☒	Labelled USGS 7.5' topographic quadrangle project location map (or equivalent if a 7.5' quadrangle is unavailable) is attached and includes an inset map that depicts the county within Texas where the project occurs.
☒	Predictive Archeological Liability Map (PALM) is attached if available *(consult TxDOT's Environmental Compliance Toolkit).*
☒	Geologic Atlas of Texas map is attached *(PALM may be substituted for the GAT map, if it's available).*
☒	Soils map is attached *(PALM may be substituted for the soils map, if it's available).*
☒	FEMA flood hazard map is attached.
☒	National Wetlands Inventory map is attached
☒	Texas Archeological Sites Atlas map is attached, depicting any sites within one kilometer of the APE or additional APE.
☒	Historic topographic map is attached.
☐	Historic soils map is attached.
☐	Historic road map is attached.
☐	As-built plans for roadway are attached.
☐	Other map of historic information is attached.
	Specify Map: N/A
☐	Aerial images are attached.
☒	Project area photographs are attached.

Analysis of Project Setting

▪ Previously-Identified Archeological Sites

☒	No archeological sites have been identified within the APE or within 150 feet of the APE
☐	Archeological sites have been identified within the APE or within 150 feet of the APE
	See **Appendix 8** for resource APE.

▪ Previously–Identified Cemeteries

☒	No known cemetery sites occur within the APE or within 150 feet of the APE.
☐	Cemeteries occur within the APE or within 150 feet of the APE.

▪ Holocene-Age Deposits

☒	No Holocene-age deposits occur within or adjacent to the APE.
☐	Holocene-age deposits occur within or adjacent to the APE.

▪ Historically-Reliable Water Sources

☐	No historically-reliable water sources occur within 500 feet of the APE.
☒	Historically-reliable water sources occur within 500 feet of the APE, or this question can't be answered confidently.
	See **Attachment 3** for area hydrology map.

▪ Wetlands and Frequently-Flooded Areas

☒	The APE and adjacent areas contain wetlands or frequently-flooded areas.
☐	The APE and adjacent areas do not contain wetlands or frequently-flooded areas, or this question cannot be answered confidently.
	See **Attachment 3** for area hydrology map,

▪ Preferred Landforms for Occupation

☐	The Atlas map or other information shows that the APE does not contain landforms on which human settlement or occupation typically occurred.
☒	The Atlas map or other information shows that the APE does contain landforms on which human settlement or occupation typically occurred, or this issue was not resolved with the available information.
	The agricultural nature of the area is transitioning into suburban housing and commercial development as the Dallas-Fort Worth region grows.

- **Prior Disturbances**

Settings that are favorable for human occupation have been subject to the following previous disturbances *(check all that apply).*

☒	Previous road construction and maintenance.
☒	Installations of utilities.
☒	Modern land use practices like plowing, grade modifications, brush clearing, and tree removal,
☒	Industrial, commercial, urban and/or suburban development
☐	Erosion and scouring by natural causes.
☐	Other (identify)
☐	NO PRIOR DISTURBANCES OR UNKNOWN (do not check any foregoing disturbances)

- **Previous Archeological Surveys**

☐	The majority of the settings with high potential for archeological sites within or adjacent to the APE have been previously surveyed.
☒	The majority of the settings with high potential for archeological sites within or adjacent to the APE have not been previously surveyed.

Conclusions

- **Results of Previous Investigations**

☐	Previous surveys have covered a sufficient proportion of the APE or adjacent areas to conclude that the APE and adjacent areas are unlikely to contain archeological sites or cemeteries.
☒	Previous surveys have not covered a sufficient proportion of the APE or adjacent areas to draw inferences regarding the presence of archeological sites and cemeteries, or previous surveys show that archeological sites and/or cemeteries are present within the APE.

- **APE Integrity (Prehistoric Sites)**

The APE contains no deposits with sufficient integrity that prehistoric archeological sites would have the potential to address important questions. Any such sites would lack integrity of *(check all that apply)*:

☒	Location
☒	Design
☒	Materials
☒	Association
☐	Other *(identify)*
☐	THE APE HAS THE POTENTIAL TO PRESERVE SITES WITH SUFFICIENT INTEGRITY TO QUALIFY THOSE SITES FOR INCLUSION IN THE NATIONAL REGISTER OF HISTORIC PLACES *(if true, do not check any of the forgoing aspects of integrity)*

- **APE Integrity (Historic-Age Sites)**

The APE contains no deposits with sufficient integrity that historic-age archeological sites would have the potential to address important questions. Any such sites would lack integrity of *(check all that apply)*:

☒	Location
☒	Design
☒	Materials
☒	Association
☐	Other *(identify)*

☐	THE APE HAS THE POTENTIAL TO PRESERVE SITES WITH SUFFICIENT INTEGRITY TO QUALIFY THOSE SITES FOR INCLUSION IN THE NATIONAL REGISTER OF HISTORIC PLACES *(if true, do not check any of the forgoing aspects of integrity)*

- **Results of Historic Map Research (Historic Age Sites)**

☒	Historic map research shows that historic-era archeological deposits are not likely to occur within or adjacent to the APE
☐	Historic map research shows that historic-era archeological deposits could occur within or adjacent to the APE; this research was inconclusive; or this research was not completed because it was not necessary to reach justifiable conclusions.

- **Results of Map Research (Cemeteries)**

☒	Map research shows that cemeteries are not likely to occur within or adjacent to the APE.
☐	Map research shows that cemeteries could occur within or adjacent to the APE, or this research was inconclusive.

- **Results of Landform Study**

☐	The APE and adjacent areas occur in a setting that was not conducive to human occupation and activity
☒	The APE and adjacent areas occur in a setting that was conducive to human occupation and activity; research on this issue was inconclusive; or this research was not completed because it was not necessary to reach justifiable conclusions.

Recommendations

- **Shallow Deposits**

Evaluate the potential for shallow deposits (Holocene-age deposits less than three-feet in depth) within the APE to contain archeological historic properties and cemeteries. Make appropriate recommendations regarding the need for further work, including the need for shovel test pits, auger probes, or other methods for evaluating shallow deposits.

	The APE for this project is contained within an area that has been altered by the construction of the Interstate 20, U.S. Highway 80, Farm-to-Market (FM) 548, and FM 1641 corridors. The construction of the roads and the addition of utilities included excavation construction activities that likely altered or removed any potential cultural deposits within the upper three feet of the current profile. It is also likely that previous commercial/residential development of the area, particularly on the northern end of the project has removed any potential prehistoric or historic cultural deposits. This minimal

	potential is supported by the PALM determination that the majority of the APE is of low potential for both surface and deep deposits.

- **Deep Deposits**

Evaluation of deep deposits (Holocene-age deposits of three feet or greater depth) may or may not be necessary, depending on the nature of the sediments within the APE and the depth of proposed impacts. If Holocene-age deposits extend to three feet or more within the APE and would be impacted by the project, make appropriate recommendations regarding the need for further work. If no deep, Holocene-age deposits occur within the APE note that they are absent and indicate that no additional work in needed. If the deep Holocene deposits are present but the project either would not affect them or they have been too extensively disturbed to hold intact archeological deposits, provide an appropriate justification that no additional work is needed.

	The APE for this project is contained within an area that has been altered by the construction of the Interstate 20, U.S. Highway 80, Farm-to-Market (FM) 548, and FM 1641 corridors. The construction of the roads and the addition of utilities included excavation construction activities that likely altered or removed any potential cultural deposits within the upper three feet of the current profile. It is also likely that previous commercial/residential development of the area, particularly on the northern end of the project has removed any potential prehistoric or historic cultural deposits. This minimal potential is supported by the PALM determination that the majority of the APE is of low potential for both surface and deep deposits.

- **Recommendations Summary (select only one check box)**

☒ No further study needed	☐ Survey of entire APE	☐ Variable, see attached figure

- **Results Valid Within**

The purpose of considering adjacent areas is to define, when possible, a buffer zone around the APE to which findings of no effect and recommendations for no further work can be extended. No additional investigation should be necessary if a subsequent design change expands the APE into the buffer zone. In some cases, however, no buffer zone may be reasonably defined for the project or portions of the project as expansion of the APE may warrant survey. In such cases, check the middle box and indicate that the results are valid within zero feet of the APE.

☒ 50 feet of APE	☐ <00> feet of APE	☐ Variable, see attached figure

- **The Definition and Evaluation of this Horizontal Buffer Zone is Based on One or More of the Following Considerations**

☒	The integrity of the areas within and adjacent to the setting is affected by prior development.
☐	Previous investigations show that archeological materials are unlikely to exist in this area.
☐	Adjacent areas have potential to preserve archeological sites with good integrity.

☐	Other (specify)

Findings of no effect to archeological historic properties and/or State Antiquities Landmarks and recommendations for no further work apply to all areas within the horizontal buffer zone, as specified in the previous section. Any design change within this study area would not require further action or review beyond those actions recommended in this study. Design changes that either extend beyond the buffer zone or result in potential impacts deeper than the impacts considered in this report would require additional review. Note that no buffer zone may be defined for some projects, based on local conditions.

References Cited

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McGowen, J.H., C. V. Proctor, W. T. Haenggi, D. F. Reaser, and V.E. Barns.
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   Kaufman Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000
   scale. 1956.
   Terrell South Quadrangle, Texas – Kaufman County 7.5 minute series (topographic),
   1:24000   scale. 1963.

Kaufman Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000 scale. 1963.

Forney South Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000   scale. 1963.

Forney South Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000   scale. 1973.

Kaufman Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000 scale. 2019.

Forney South Quadrangle, Texas – Kaufman County 7.5 minute series (topographic), 1:24000   scale. 2019.

Attachments

Attachment 1 – Maps showing horizontal extent of APE, including existing ROW and proposed ROW/new easement

Project Location
Aerial Photography

FM 1641 Project
From FM 548 to FM 148
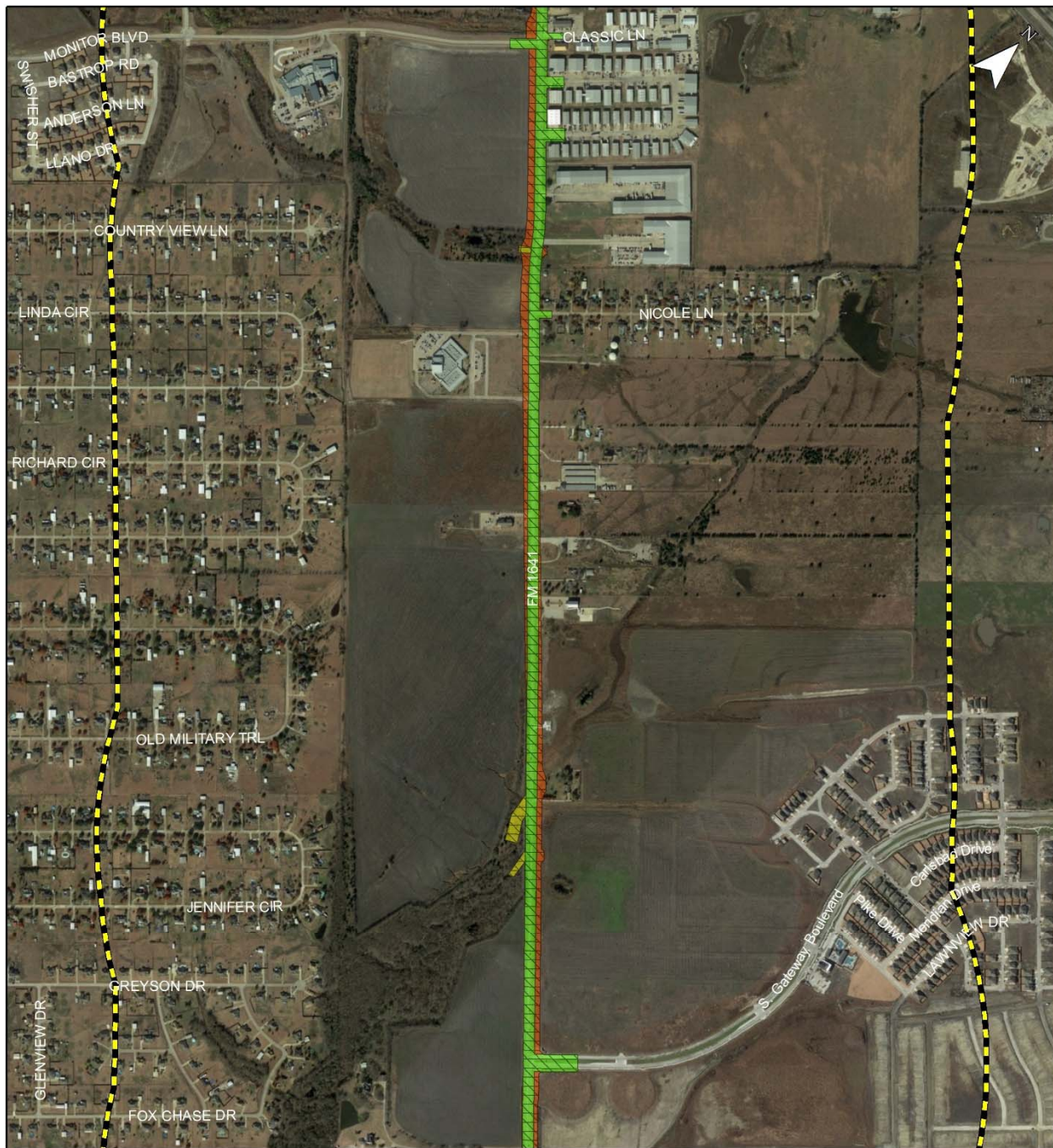Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Source: TNRIS Texas Imagery Service, 2018

Legend

APE (hatched)	Existing ROW (green)
1-km Study Area (dashed)	Existing Easements (yellow)
	Proposed ROW (orange)

0   1,150 2,300   4,600   6,900   9,200 Feet

**Project Location
Aerial Photography**

FM 1641 Project

From FM 548 to FM 148
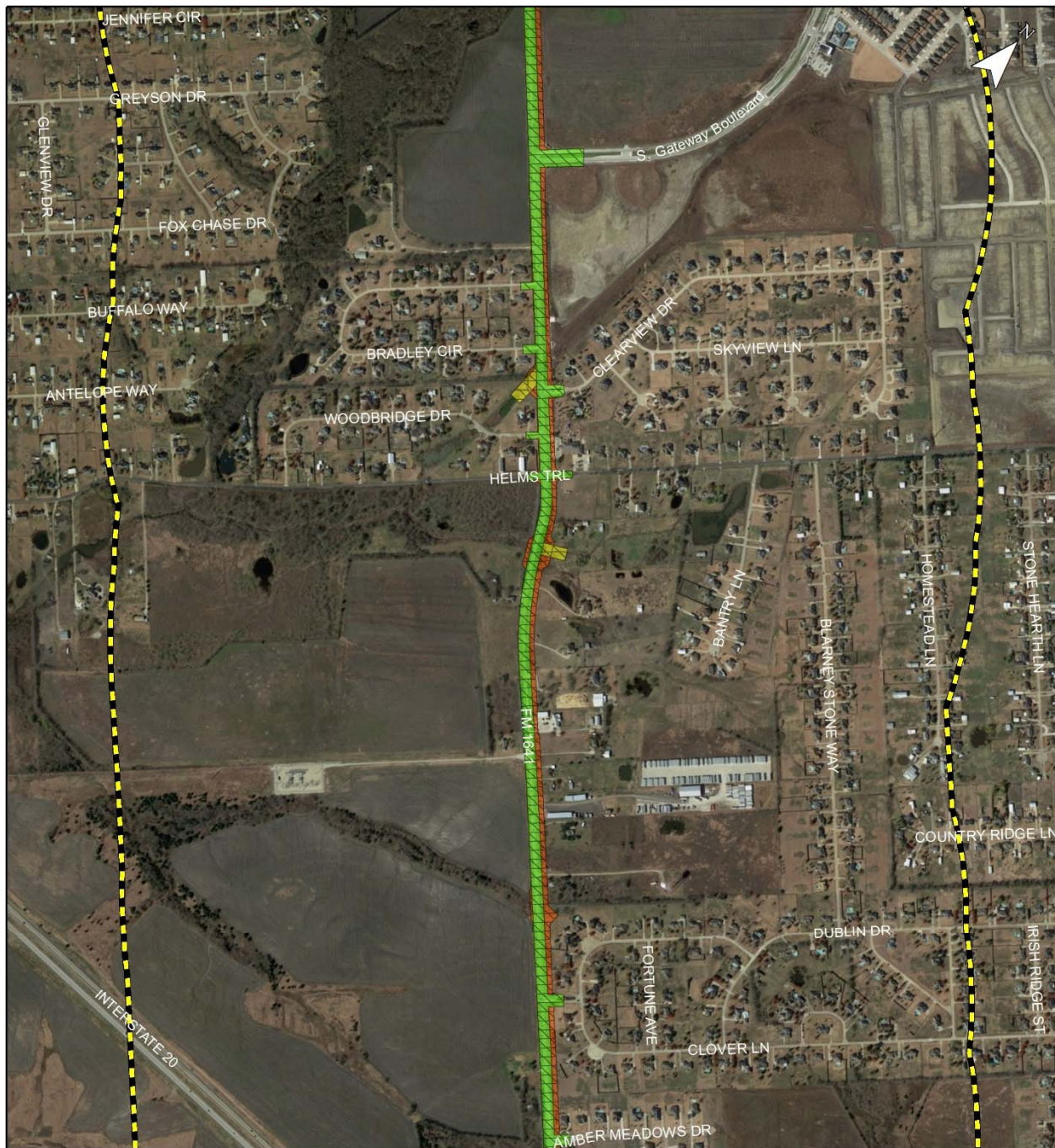Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 1 of 5

Source: TNRIS Texas Imagery Service, 2018

Legend

- Project APE
- 1-km Study Area
- Existing ROW
- Proposed ROW
- Cemetery

0   330   660   1,320   1,980   2,640
Feet

Project Location
Aerial Photography

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 2 of 5

Source: TNRIS Texas Imagery Service, 2018

Legend

- ⬜ Project APE
- ⬭ 1-km Study Area
- 🟩 Existing ROW
- 🟨 Existing Easements
- 🟧 Proposed ROW

0 330 660 1,320 1,980 2,640 Feet

Project Location
Aerial Photography

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
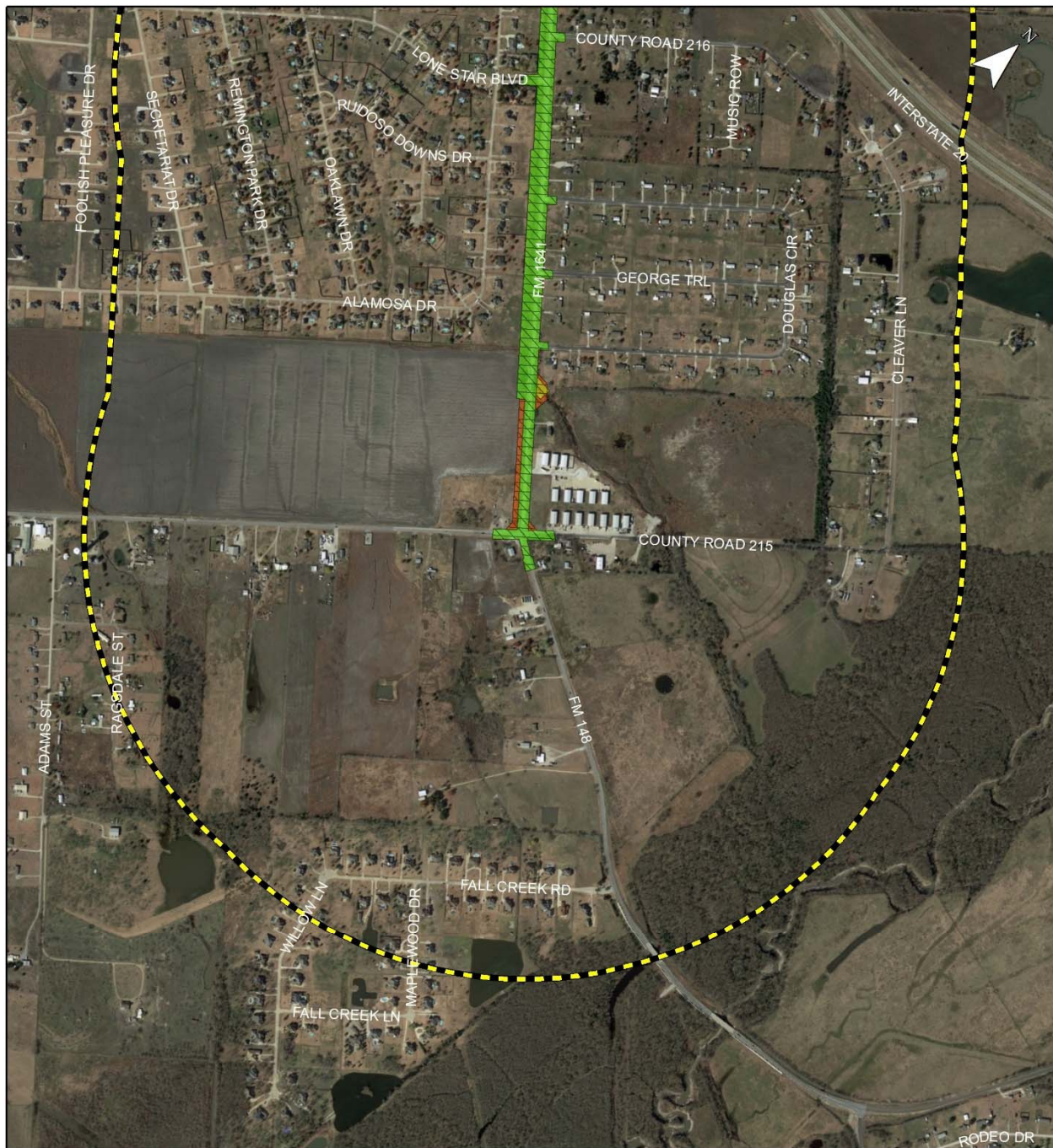CSJs: 2588-01-020 & 1217-01-019

Page 3 of 5

Source: TNRIS Texas Imagery Service, 2018

Legend

Project APE	Existing ROW	
1-km Study Area	Existing Easements	
	Proposed ROW	

0   330   660   1,320   1,980   2,640 Feet

Project Location
Aerial Photography

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 4 of 5

Source: TNRIS Texas Imagery Service, 2018

Legend

Project APE

1-km Study Area

Existing ROW

Proposed ROW

0   330   660   1,320   1,980   2,640
Feet

**Project Location
Aerial Photography**

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 5 of 5

Source: TNRIS Texas Imagery Service, 2018

Legend

▨ Project APE	▮ Existing ROW
⬭ 1-km Study Area	▮ Existing Easements
	▮ Proposed ROW

0   330   660   1,320   1,980   2,640
Feet

Attachment 2 – Project information

💾   Back To List

- WPD Section I - Project Definition
- WPD Section II - Tool
- WPD Section III - Project Work Plan
- WPD Section IV - Findings

⊞ ⊟   Archived WPD I   [Print this Page]

Project Definition

Project Name: `CSJ 1217-01-019,etc. FM 1641 & FM 548 Widening`

CSJ: `1217` - `01` - `019`

Anticipated Environmental Classification: `CE`

Type: `(D)-List ⌄`

Criterion: `Open-Ended D ⌄`

`⌄` Is this an FHWA project that normally requires an EIS per 23 CFR 771.115(a)?

⊟ Project Association(s)

[Auto Associate CSJ from DCIS]

Manually Associate CSJ: `_____`

[Add]

CSJ	DCIS Funding	DCIS Number	Env Classification	DCIS Classification	Main or Associate	Doc Tracked In	Actions
CSJ:258801020	Federal,State		EA	WNF	Associate	Main	🗑

⊟ DCIS Project Funding and Location

Funding
DCIS Funding Type:

☑ Federal   ☑ State   ☐ Local   ☐ Private

Location

DCIS Project Number: `STP  ( )`   Highway: `FM 1641`

District: `DALLAS ⌄`   County: `KAUFMAN ⌄`

Project Limit -- From: `FM 548`

Project Limit -- To: `FM 148`

Begin Latitude: + `32` . `739304`   Begin Longitude: - `96` . `448762`

End Latitude: + `32` . `683134`   End Longitude: - `96` . `385242`

⊟ DCIS & P6 Letting Dates

DCIS District: `04/28`   DCIS Approved: `_____`   DCIS Actual: `_____`

P6 Ready To Let: `_____` 📅   P6 Proposed Letting: `_____` 📅

⊟ DCIS Project Description

Type of Work: [Spell✎]

`_____` ⌃⌄

Layman's Description:

`CONSTRUCT NEW ROADWAY LANES` ⌃⌄

DCIS Project Classification: `WNF - WIDEN NON-FREEWAY ⌄`

Design Standard: `4R - New Location and Reconstruction ⌄`

Roadway Functional Classification: `4 - Minor arterial road or street ⌄`

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https://apps.dot.state.tx.us/ECOS/apps/ecos/project_definition.jsp?proj_id=11805064&scop...   2/5/2020

Jurisdiction

No ▼   Does the project cross a state boundary, or require a new Presidential Permit or modification of an existing Presidential Permit?

Who is the lead agency responsible for the approval of the entire project?

☑ FHWA - Assigned to TxDOT ☐ TxDOT - No Federal Funding ☐ FHWA - Not Assigned to TxDOT

TXDOT ▼   Who is the project sponsor as defined by 43 TAC 2.7?

No ▼   Is a local government's or a private developer's own staff or consultant preparing the CE documentation, EA or EIS?

Yes ▼   Does the project require any federal permit, license, or approval?

☑ USACE ☐ IBWC ☐ USCG ☐ NPS ☐ IAJR ☐ Other [   ]

No ▼   Does the project occur, in part or in total, on federal or tribal lands?

Environmental Clearance Project Description

Project Area

Typical Depth of Impacts: [3]   (Feet)   Maximum Depth of Impacts: [8]   (Feet)

New ROW Required: [22.26]   (Acres)

New Perm. Easement Required: [0.24]   (Acres)   New Temp. Easement Required: [0]   (Acres)

Project Description

Describe Limits of All Activities: [Spell]

The proposed project would extend along Farm-to-Market (FM) 1641 for a total of approximately 5.4 miles from FM 548 in Forney, Texas to FM 148 in Talty, Texas. The project also extends along FM 548 for approximately 0.2 mile from eastbound United States Highway (US) 80 frontage road to the FM 548/FM 1641 intersection. The total project length is approximately 5.6 miles.

The existing FM 1641 right-of-way (ROW) is typically 90 feet wide. The existing FM 548 ROW is approximately 130-140 feet wide.

The Build Alternative would require the acquisition of proposed ROW along FM 548 and FM 1641 along the length of the proposed project. The proposed ROW width varies from a minimum of 120 feet to a maximum of 155 feet.

The existing ROW is approximately 65.53 acres, and there are 2.35 acres of existing drainage easements. The proposed project would require approximately 22.26 acres of new ROW and approximately 0.24 acres of new permanent drainage easements. No relocations or displacements are anticipated.

Under the No-Build Alternative, no additional ROW would be required.

Project location maps on road, topographic, and aerial bases have been uploaded: 1217-01-019, etc.

Describe Project Setting: (2482 characters left)   [Spell]

https://apps.dot.state.tx.us/ECOS/apps/ecos/project_definition.jsp?proj_id=11805064&scop...   2/5/2020

The project setting is generally suburban.

Developed and undeveloped lands are present within the proposed project area. Developed land includes single-family residences, retail, commercial, public facilities, and places of worship. These properties contain structures consisting of homes, farm buildings, commercial and retail structures, storage buildings/structures, churches, and other structures. Undeveloped lands comprise vacant (not utilized), agriculture (ranch and pasture), woodlands, fence row vegetation, streams, and ponds. Active agricultural lands exist adjacent to the proposed project.

The area within the project limits is urban closer to US 80 and transitions to a more rural setting east toward Talty. Schools, day care centers, and churches are located adjacent to the proposed project.

The large amount of newly built high density residential neighborhoods and subsequent service establishments are generating substantial traffic increases.

There are eight stream crossings within the proposed project limits. These streams consist of two tributaries to Mustang Creek, Buffalo Creek, four tributaries to Buffalo Creek and one tributary to Big Brushy Creek. There are floodplains and potential wetland areas associated with some of these stream crossings within the proposed project area.

Vegetation in the project vicinity consists primarily of maintained urban grasses and landscaping, and agricultural (crops). Some woodland and mixed scrub areas are present near streams.

Describe Existing Facility: Spell

The existing FM 548 from FM 1641 to US 80 in Kaufman County consists of two 12-foot wide northbound travel lanes and two 12-foot wide travel lanes urban roadway with no median and no shoulders. Along the FM 548 section, there are railroad tracks crossing FM 548 near East Broad Street. The existing ROW is 130-140 feet wide.

The existing FM 1641 facility from FM 548 to FM 148 in Kaufman County mainly consists of one 11 foot wide northbound travel lane, one 11-foot wide southbound travel lane rural roadway with no median and 3-foot wide shoulders. There are two existing bridges over FM 1641 where I-20 crosses. The facility is intersected by four major collectors, including I-20, FM 548, E. Broad Street, E. US 80, and other minor collectors and local roads. There are right and left-turn lanes present at key intersections and school entrances. Existing ROW is typically 90 feet wide, with minimum and maximum ROW width ranging from 90 to 140 feet.

Existing access is at grade.

Existing posted speed limits are 35 mph at school zones, and 40 to 55 mph in other sections of the corridor.

Drainage along/parallel to the proposed project primarily flows south within drainage ditches on both sides of the roadway.

Describe Proposed Facility: Spell

Within the project limits, FM 548 and FM 1641 would be reconstructed to an urban 4-lane (ultimate 6-lane) section with turn lanes.

The proposed interim project would consist of one 12-foot wide travel lane, one 14-foot shared-use lane, a 2-foot buffer and a 6-foot wide sidewalk in each direction. An 18-foot wide raised median would also be included. Twenty-foot wide two way left turn lanes would be located at various intersections along FM 1641. The proposed ROW width would range from a minimum of 120 feet to a maximum of approximately 155 feet.

The ultimate roadway would consist of three northbound 12-foot wide travel lanes, three southbound 12-foot wide travel lanes, an 18-foot wide raised median, and 14-foot wide shared-use path to accommodate bicycles and a 6-foot wide sidewalk to accommodate pedestrians in each direction.

The proposed project would require approximately 22.26 acres of new ROW and approximately 0.24 acres of new permanent drainage easements. The proposed easements would be located at strategic stream crossing areas.

Proposed roadway access would be non-controlled. Proposed drainage would be curb and gutter. Under the No-Build Alternative, the proposed project would not be constructed. It would not increase capacity and would not create a shared-use path to accommodate bicycles and pedestrians.

Yes ▾ Would the project add capacity?

⊟ Transportation Planning

No ▾ Is the project within an MPO's boundaries?

No ▾ Does the project meet the definition for a grouped category for planning and programming purposes?

The project is located in Non-Attainment/Maintenance ▾ area.
This status applies to:
☐ CO - Carbon Monoxide   ☑ O3 - Ozone   ☐ NO2 - Nitrogen Dioxide
☐ PM10 - Particulate   ☐ PM2.5 - Particulate

⊟ Environmental Clearance Information

Environmental Clearance Date: Environmental LOA Date:

Closed Date: Archived Date:

Approved Environmental Classification: _____▾

⊟ Project Contacts

Created By: Christine Polito   Date Created: 10/25/2018

Project Sponsor: ● TXDOT (Or) ○ Local Government

Sponsor Point Of
Contact: Christine Polito - Environmental Specialist   ▾

Delegate Point Of
Contact: Christine Polito - Environmental Specialist   ▾

Other Point of Contact(s):   Spell✓

Last
Updated   Christine Polito   Last Updated Date: 01/29/2020 03:57:56
By:

https://apps.dot.state.tx.us/ECOS/apps/ecos/project_definition.jsp?proj_id=11805064&scop...   2/5/2020

**Attachment 3 – Hydrology (US Fish & Wildlife Service National Wetlands Inventory, USGS, FEMA Floodplain Maps)**
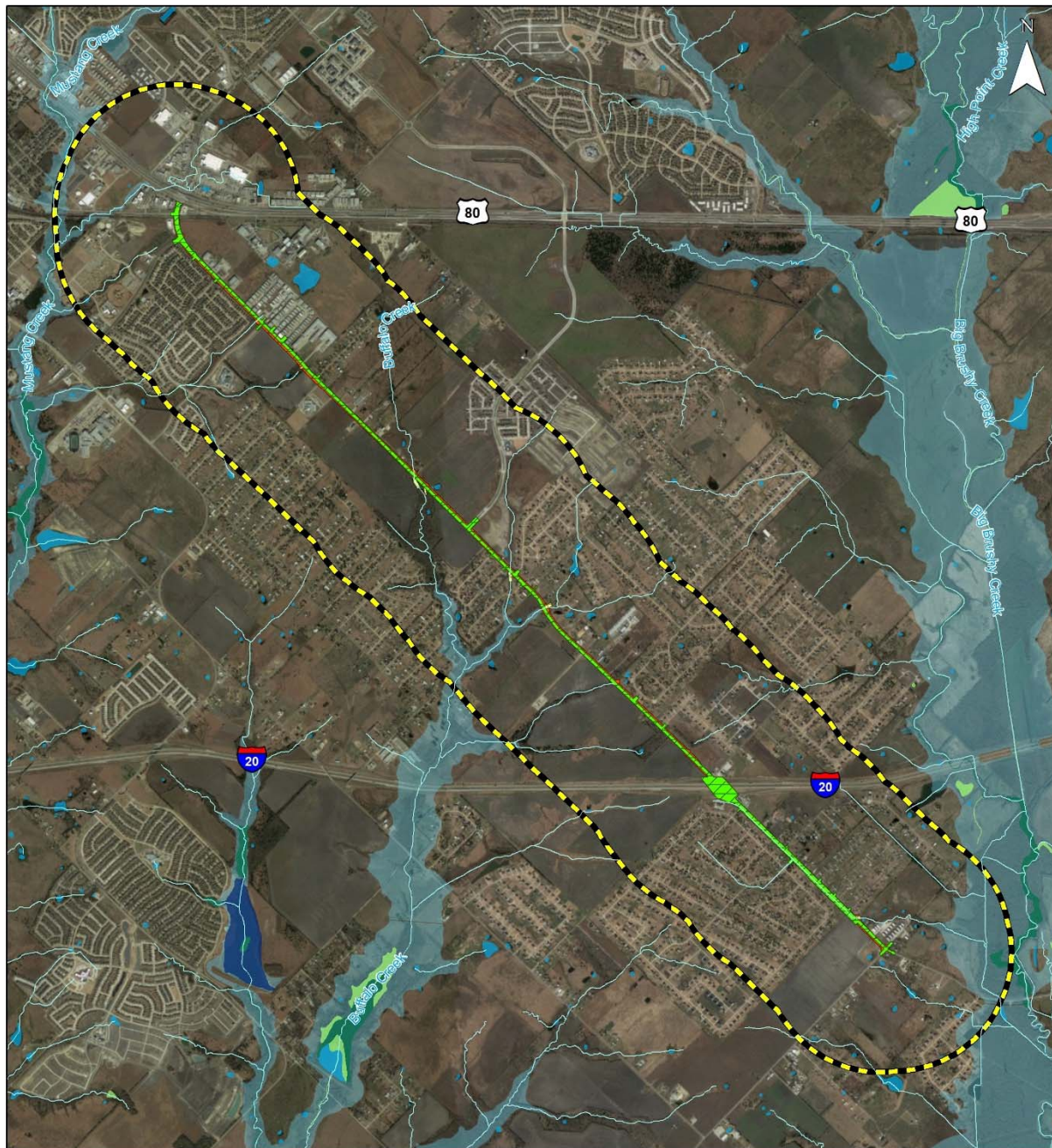
Project Location Hydrology

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Sources: USFWS NWI, 2019, USGS NHD, 2019,
FEMA FIRM, 2019, TNRIS Texas Imagery Service, 2018

Legend
APE		NHDFLOWLINE	
1-km Study Area		100-yr Floodplain	
Existing ROW		Freshwater Emergent Wetland	
Existing Easements		Freshwater Forested/Shrub Wetland	
Proposed ROW		Freshwater Pond	
		Lake	

0   1,150 2,300   4,600   6,900   9,200 Feet

Project Location
USGS Topographic Quadrangle

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
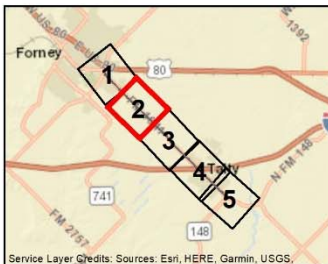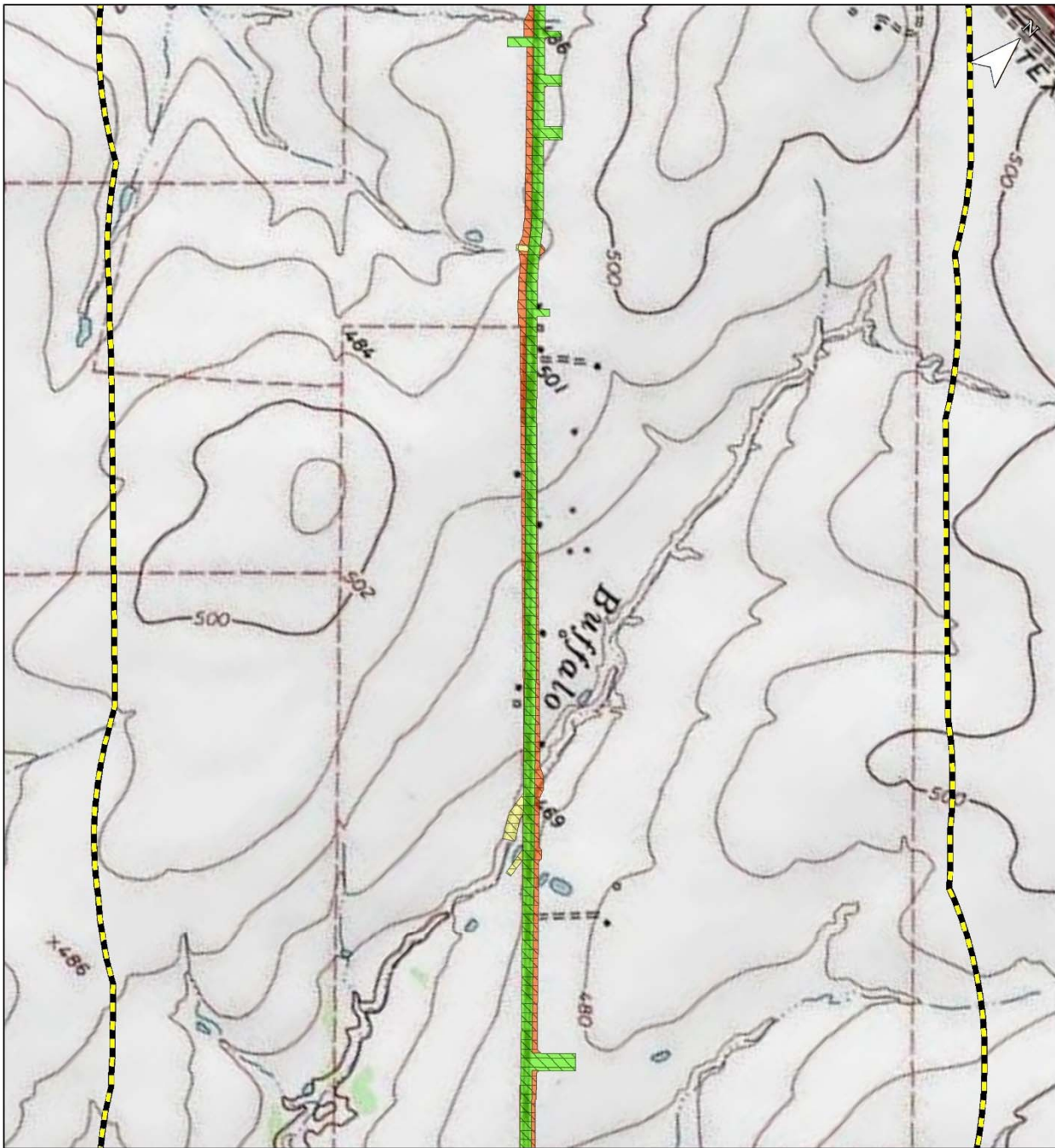CSJs: 2588-01-020 & 1217-01-019

Source: USGS, Forney South Quadrangle, 1963

Legend

1-km Study Area — Existing ROW
Project APE — Existing Easements
— Proposed ROW

0   1,150 2,300   4,600   6,900   9,200
Feet
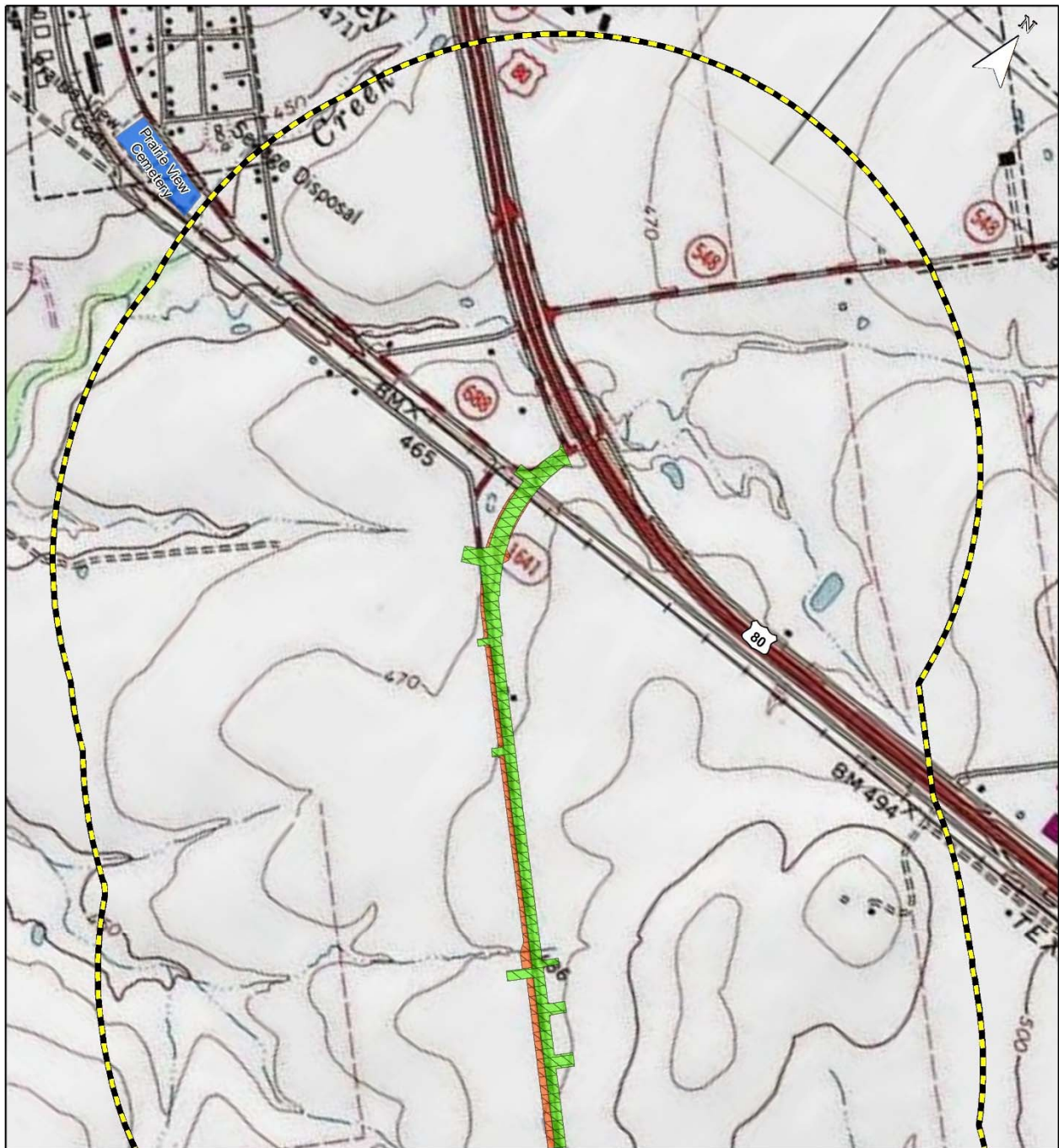
Project Location
USGS Topographic Quadrangle

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 1 of 5

Sources: USGS, Forney South Quadrangle, 1963,
Texas Historical Commission (THC), 2020

Legend

Project APE	Existing ROW
1-km Study Area	Proposed ROW
	Cemetery

0 330 660 1,320 1,980 2,640 Feet

Project Location
USGS Topographic Quadrangle

FM 1641 Project
From FM 548 to FM 148
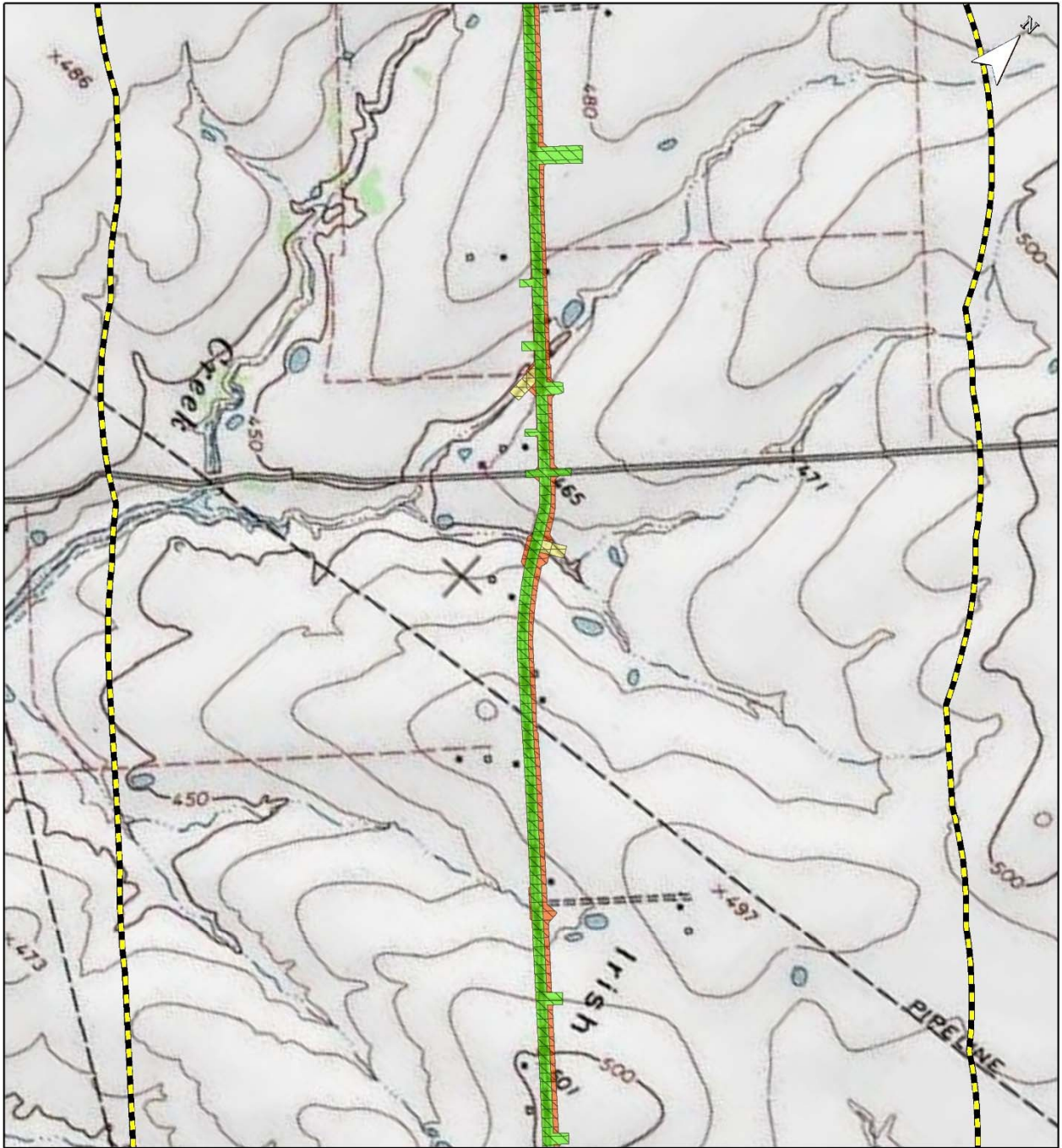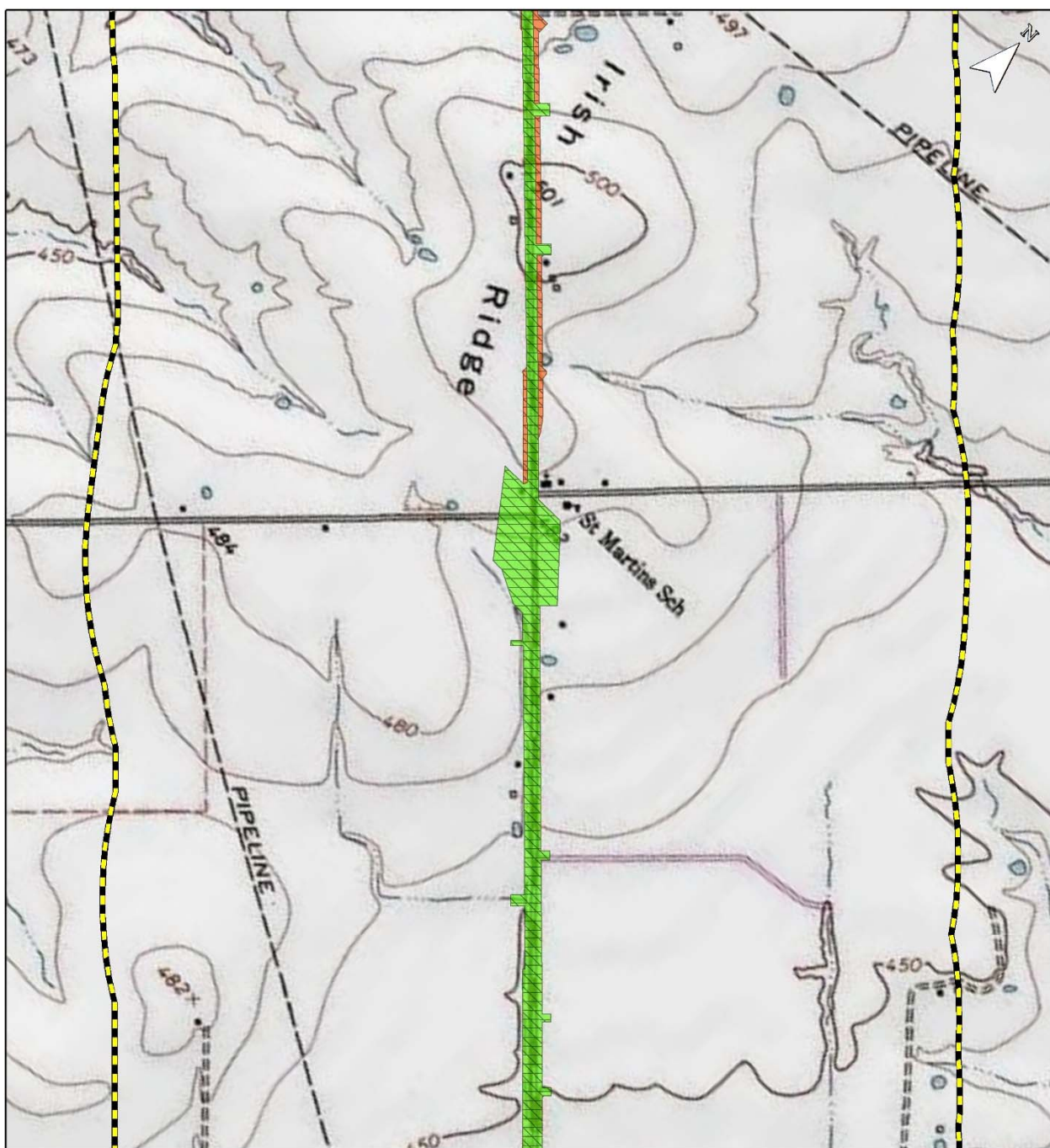Kaufman County, Texas
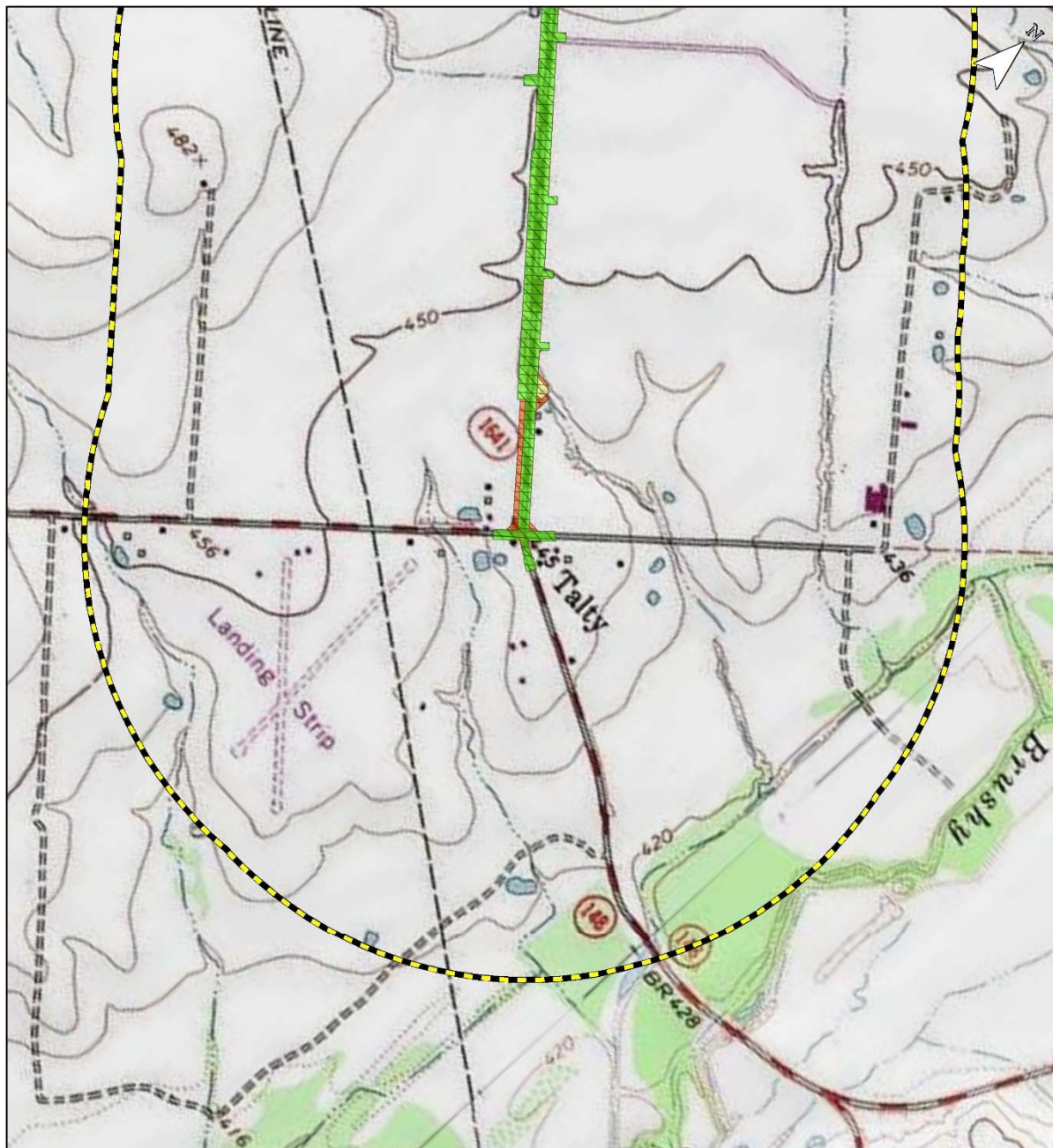CSJs: 2588-01-020 & 1217-01-019

Page 2 of 5

Sources: USGS, Forney South Quadrangle, 1963,
Texas Historical Commission (THC), 2020

Legend

- Project APE
- 1-km Study Area
- Existing ROW
- Existing Easements
- Proposed ROW

0   330   660   1,320   1,980   2,640
Feet

Project Location
USGS Topographic Quadrangle

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 3 of 5

Sources: USGS, Forney South Quadrangle, 1963,
Texas Historical Commission (THC), 2020

Legend

▨ Project APE		▮ Existing ROW	
⬭ 1-km Study Area		▮ Existing Easements	
		▮ Proposed ROW	

0   330   660   1,320   1,980   2,640
Feet

Project Location
USGS Topographic Quadrangle

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Page 4 of 5

Sources: USGS, Forney South Quadrangle, 1963,
Texas Historical Commission (THC), 2020

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS,

Legend

Project APE		Existing ROW
1-km Study Area		Proposed ROW

0 330 660 1,320 1,980 2,640
Feet

Project Location
USGS Topographic Quadrangle
FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
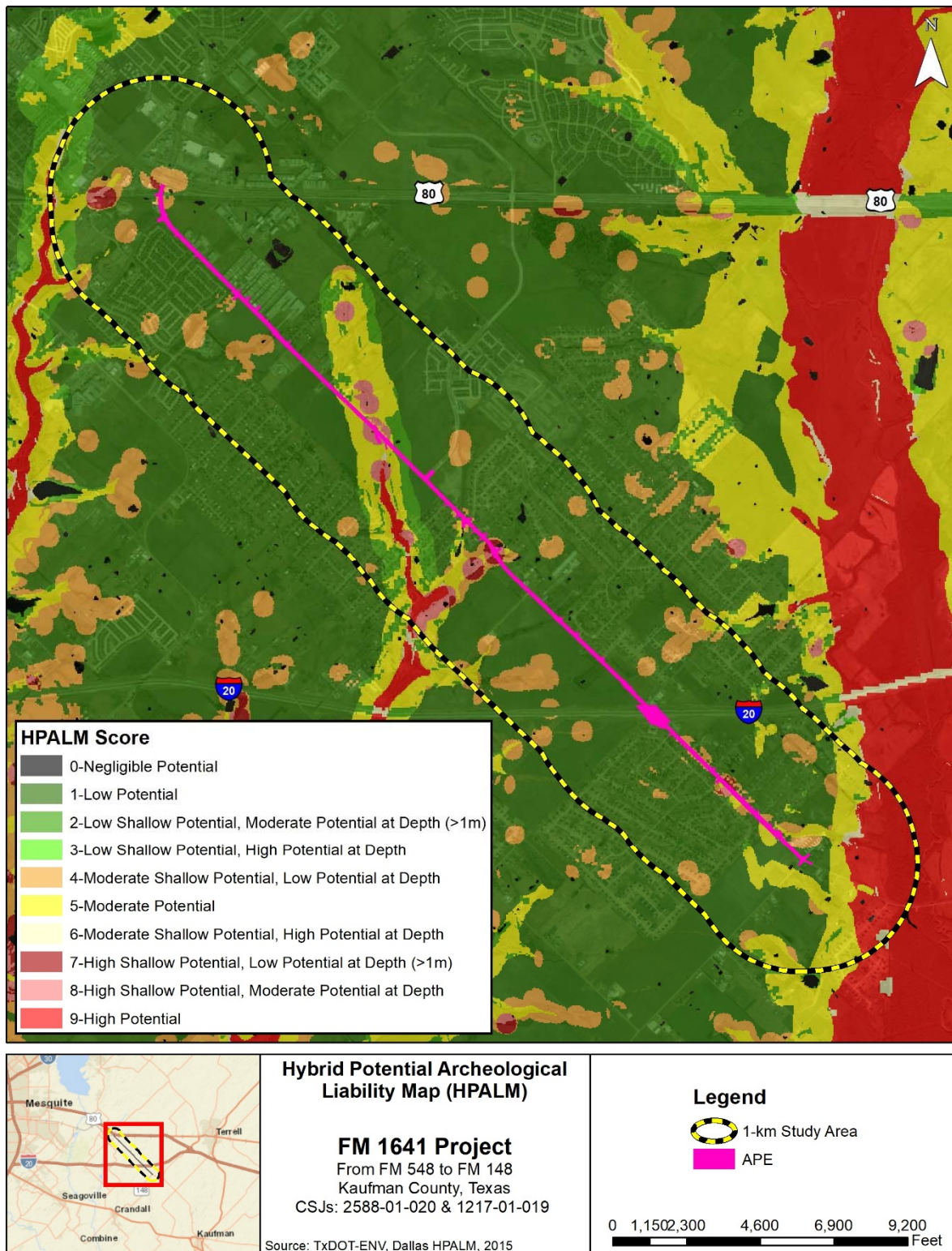CSJs: 2588-01-020 & 1217-01-019

Page 5 of 5

Sources: USGS, Forney South Quadrangle, 1963,
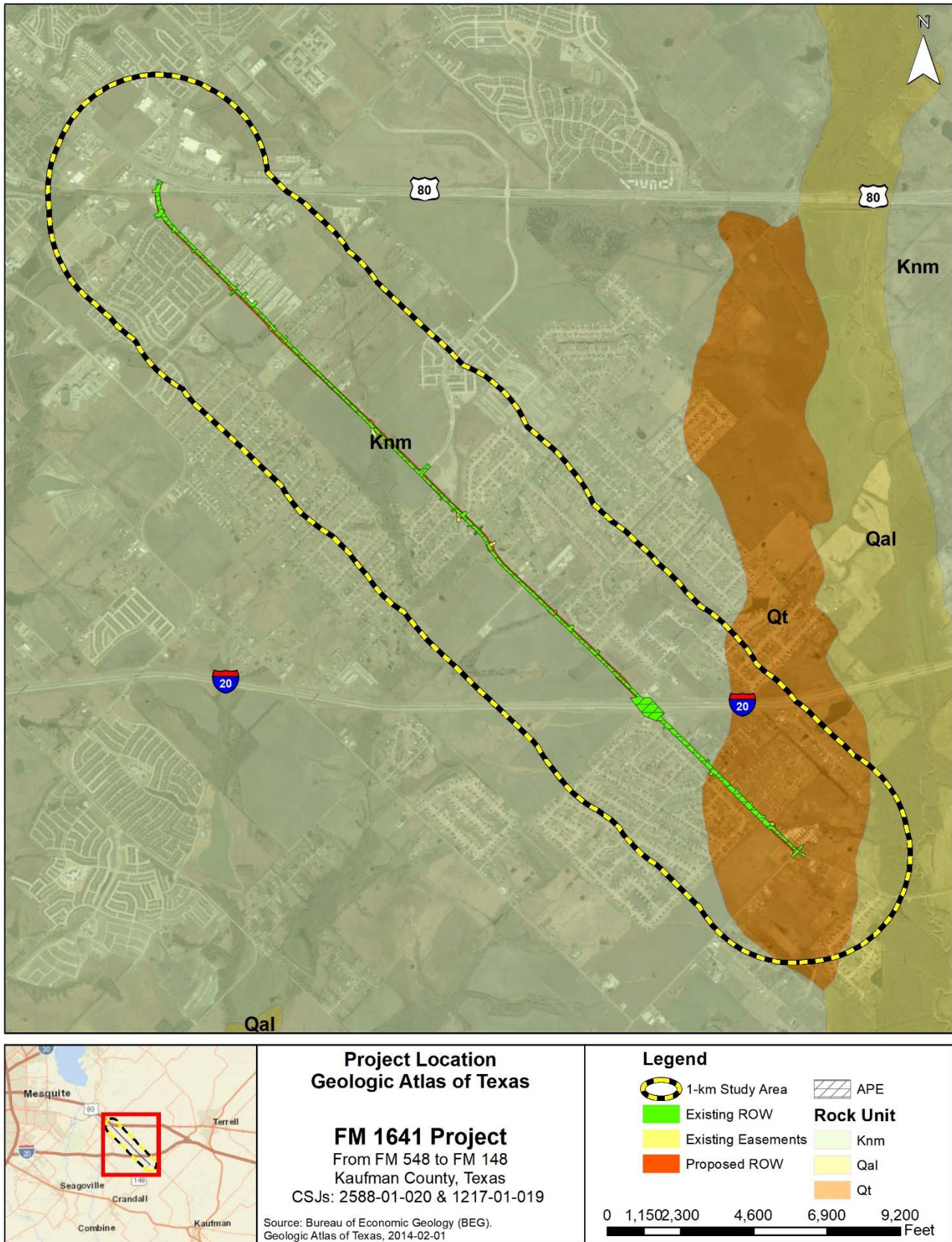Texas Historical Commission (THC), 2020

Legend
- Project APE
- 1-km Study Area
- Existing ROW
- Existing Easements
- Proposed ROW

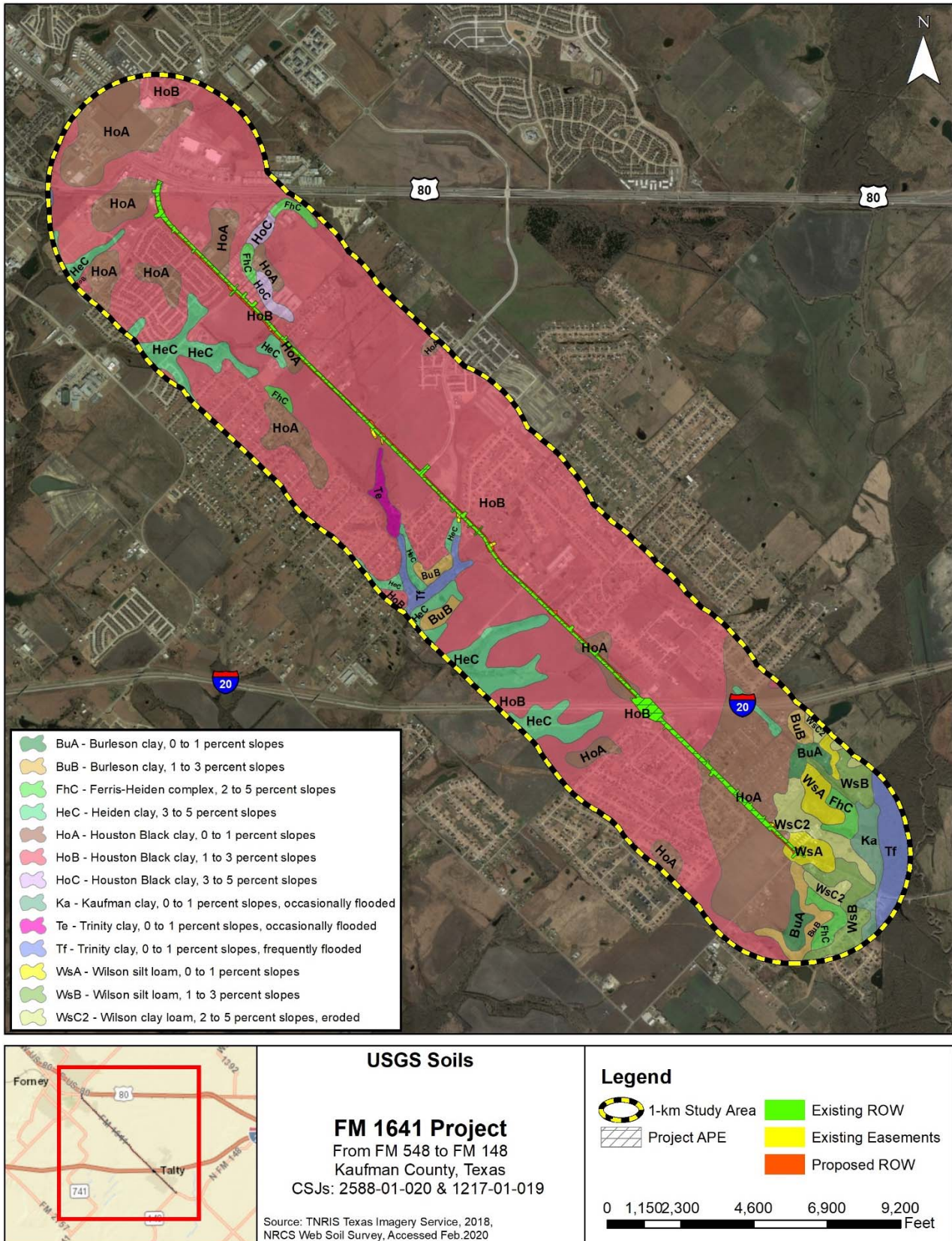0 330 660 1,320 1,980 2,640 Feet

Attachment 5 – Predictive Archeological Liability Map (PALM)
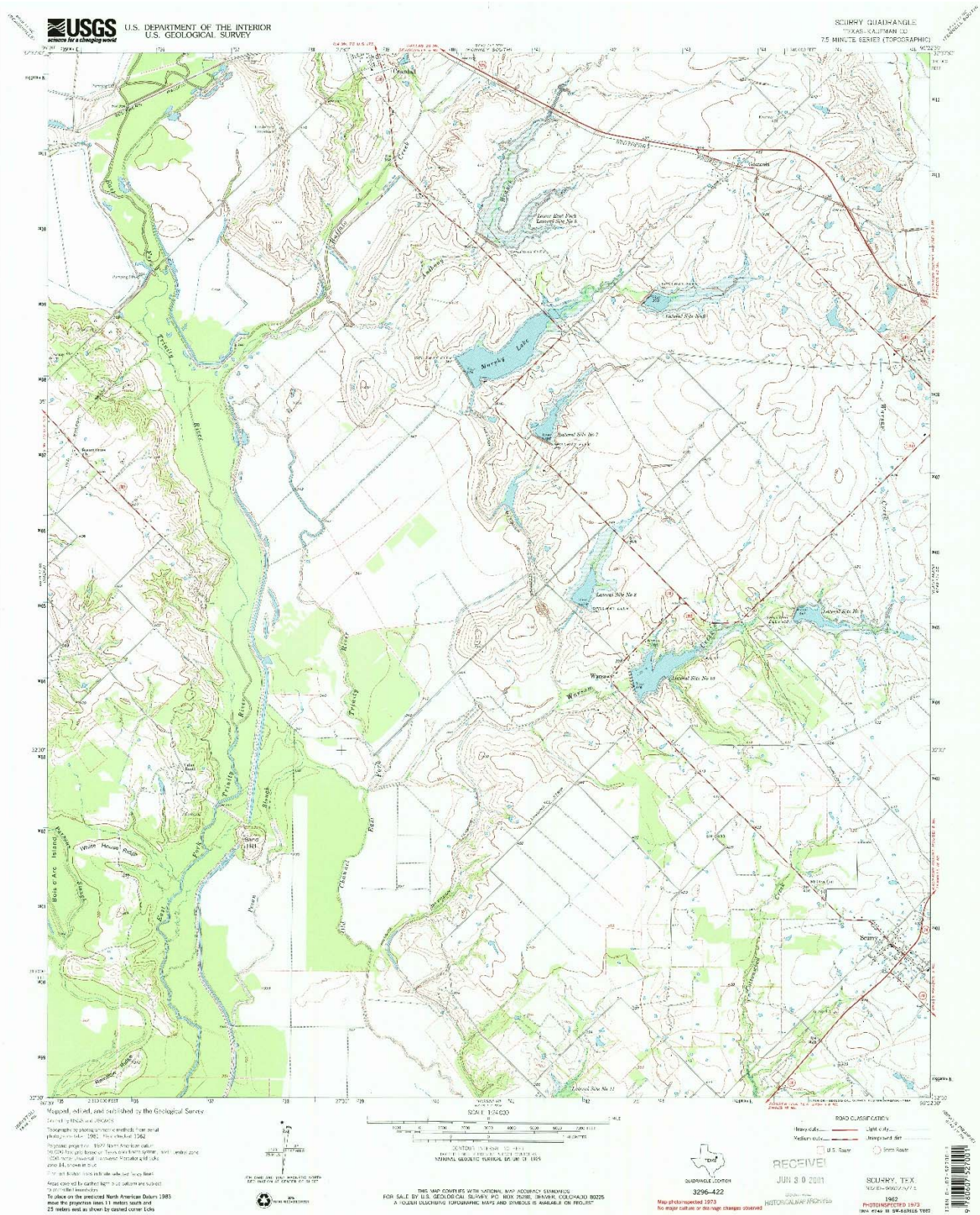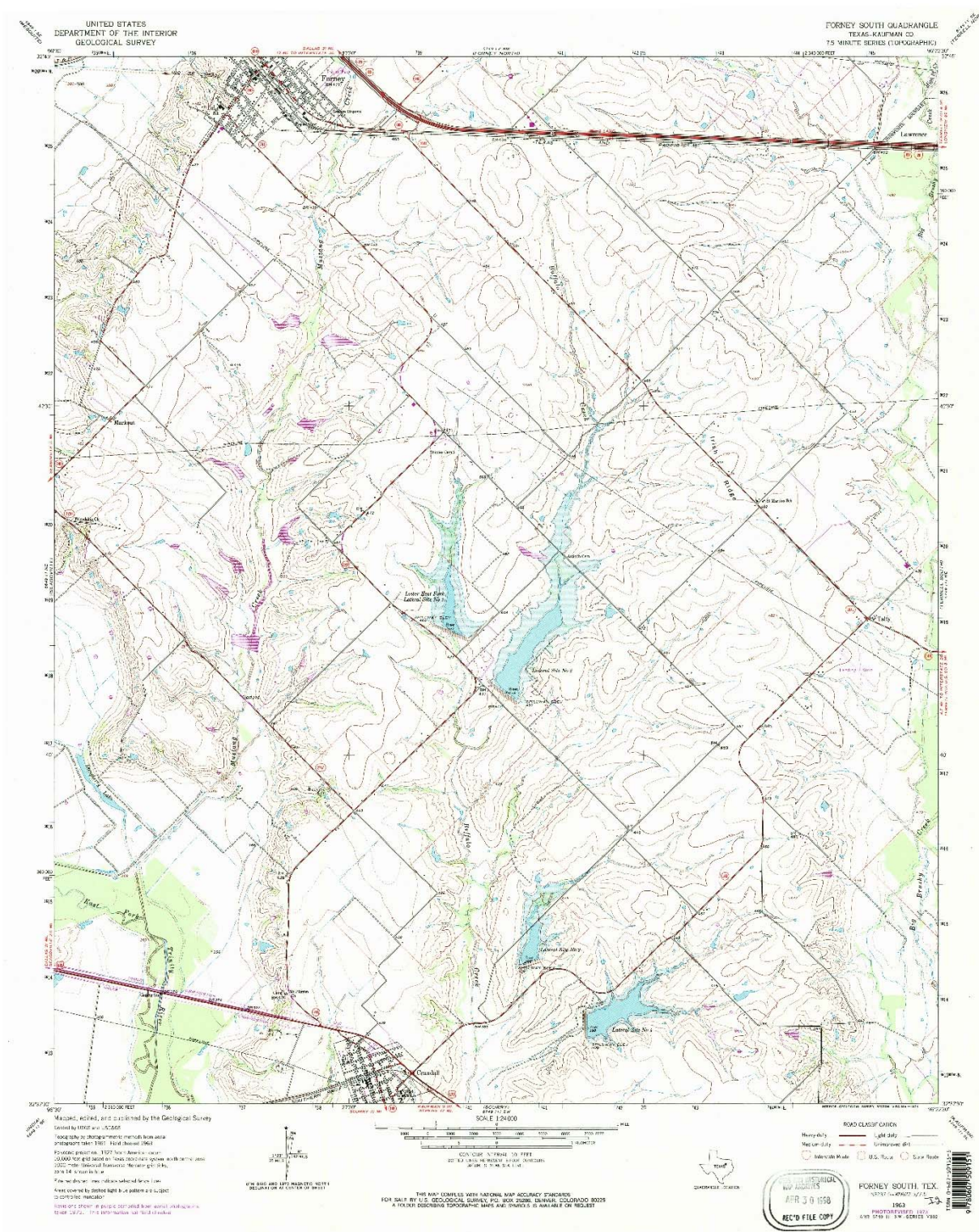

Hybrid Potential Archeological Liability Map (HPALM)

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Source: TxDOT-ENV, Dallas HPALM, 2015

HPALM Score
- 0-Negligible Potential
- 1-Low Potential
- 2-Low Shallow Potential, Moderate Potential at Depth (>1m)
- 3-Low Shallow Potential, High Potential at Depth
- 4-Moderate Shallow Potential, Low Potential at Depth
- 5-Moderate Potential
- 6-Moderate Shallow Potential, High Potential at Depth
- 7-High Shallow Potential, Low Potential at Depth (>1m)
- 8-High Shallow Potential, Moderate Potential at Depth
- 9-High Potential

Legend
- 1-km Study Area
- APE

0 1,150 2,300 4,600 6,900 9,200 Feet

Project Location
Geologic Atlas of Texas

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Source: Bureau of Economic Geology (BEG).
Geologic Atlas of Texas, 2014-02-01

Legend

- 1-km Study Area
- Existing ROW
- Existing Easements
- Proposed ROW
- APE

Rock Unit
- Knm
- Qal
- Qt

0   1,150 2,300   4,600   6,900   9,200 Feet

Legend:
- BuA - Burleson clay, 0 to 1 percent slopes
- BuB - Burleson clay, 1 to 3 percent slopes
- FhC - Ferris-Heiden complex, 2 to 5 percent slopes
- HeC - Heiden clay, 3 to 5 percent slopes
- HoA - Houston Black clay, 0 to 1 percent slopes
- HoB - Houston Black clay, 1 to 3 percent slopes
- HoC - Houston Black clay, 3 to 5 percent slopes
- Ka - Kaufman clay, 0 to 1 percent slopes, occasionally flooded
- Te - Trinity clay, 0 to 1 percent slopes, occasionally flooded
- Tf - Trinity clay, 0 to 1 percent slopes, frequently flooded
- WsA - Wilson silt loam, 0 to 1 percent slopes
- WsB - Wilson silt loam, 1 to 3 percent slopes
- WsC2 - Wilson clay loam, 2 to 5 percent slopes, eroded

USGS Soils

FM 1641 Project
From FM 548 to FM 148
Kaufman County, Texas
CSJs: 2588-01-020 & 1217-01-019

Source: TNRIS Texas Imagery Service, 2018,
NRCS Web Soil Survey, Accessed Feb.2020

Legend
- 1-km Study Area
- Project APE
- Existing ROW
- Existing Easements
- Proposed ROW

0 1,150 2,300 4,600 6,900 9,200 Feet

Attachment 9 – Historic USGS Topographic Maps

1. Kaufman, TX 1956
2. Scurry, TX 1962
3. Terrell South, TX 1963
4. Forney South, 1963
5. Kaufman, TX 1963
6. Forney North, TX 2019
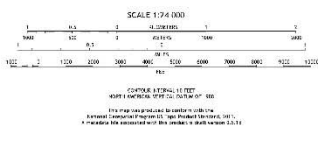7. Forney South, TX 2019
8. Kaufman, TX 2019

USGS
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

KAUFMAN QUADRANGLE
TEXAS - KAUFMAN COUNTY
7.5-MINUTE SERIES

SCALE 1:24 000

KAUFMAN, TX
2019
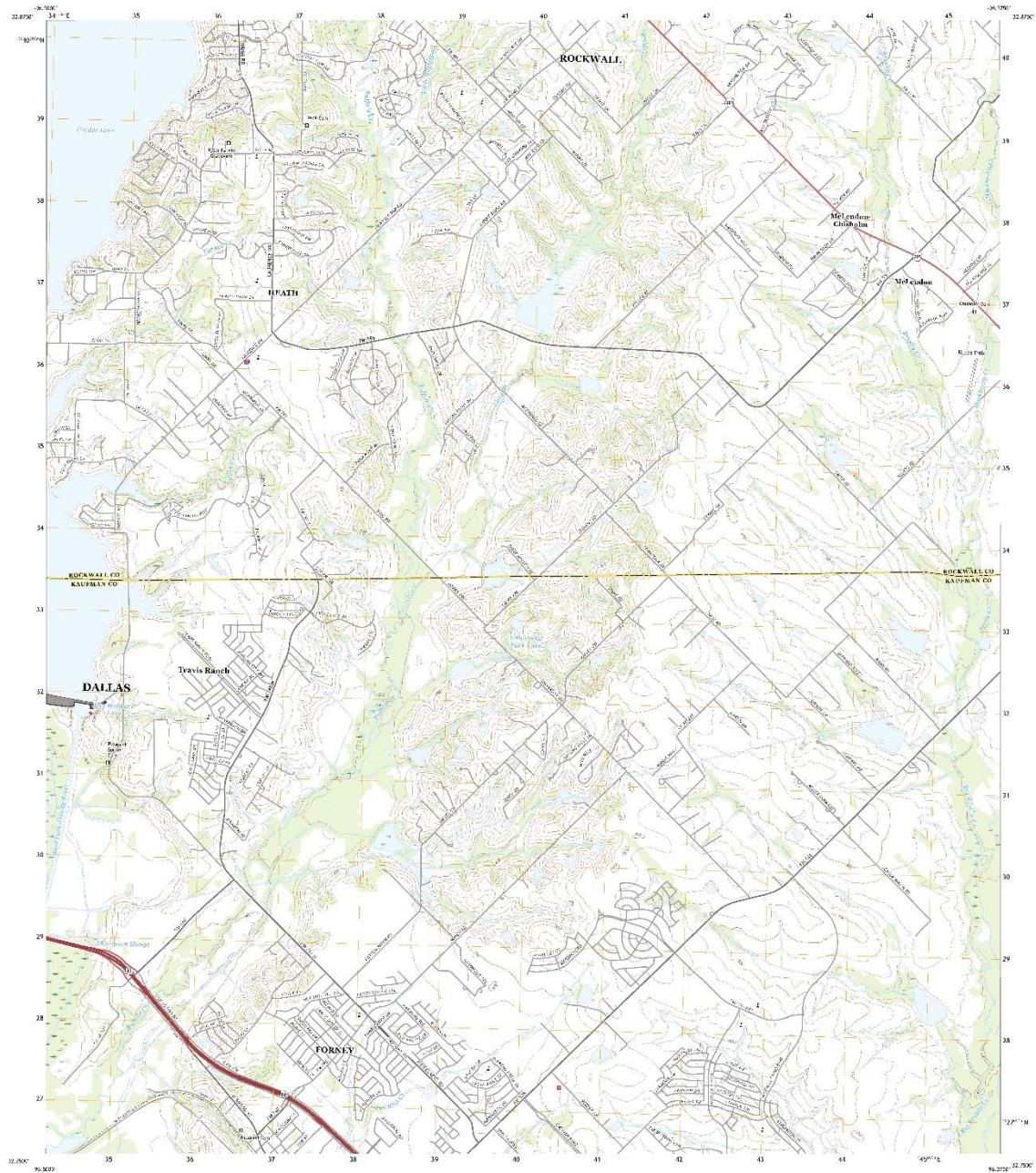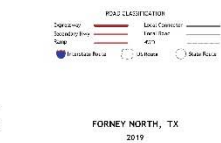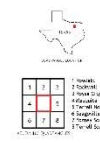
Photo 1. FM 1641 at FM 548, looking northwest.

Photo 2. FM 1641 near southern project limit.

Photo 3. FM 1641 near Clearview Drive, looking southeast.

Photo 4. FM 1641 (at right) looking north.

Photo 5. FM 1641 at Trinity Meadows Drive, looking northwest towards I 20.

Photo 6. FM 1641 at Amber Meadow Drive, looking west.

125 EAST 11TH STREET, AUSTIN, TEXAS 78701-2483 | 512.463.8588 | WWW.TXDOT.GOV

March 8, 2019

RE: Early Coordination for Section 106 Consultation

To: Representatives of Federally-recognized Tribes with Interest in TxDOT Projects

The purpose of this letter is to initiate consultation and begin coordination on projects within a 10 year window. We are writing to request your comments on historic properties of cultural or religious significance to your Tribe that may be affected by the proposed provisional project APE and the area within the above defined buffer. The projects on this list will go through various levels of review and in some cases, unless we hear from you, TxDOT will conclude consultation (and you can initiate it any time again). If there are sites present in our investigations, we will contact you to consult further. Sometimes these studies may happen years down the line.

The TxDOT Early Tribal Coordination Tool, installed in 2016, has been refreshed and now includes an additional approximately 2,000 new transportation projects across the state since the last update in August 2019. The attached table identifies current proposed projects and the number of nearby archeological sites, if any, that the TxDOT Early Tribal Coordination Tool map depicts. This letter provides more detail about both the TxDOT Early Tribal Coordination Tool and the table.

TxDOT Early Coordination Tool

The email contains the link, log in information, and directions for the TxDOT Early Tribal Coordination Tool. This web-based map depicts both minor and major TxDOT projects within your area of interest and any known archeological sites within a kilometer of each project. The map may now contain different projects than previous versions of the map, as some projects may have been completed and others initiated since the last update.

Area of Potential Effects

Each project's provisional area of effects (APE) is defined in the Early Tribal Coordination Tool as the area within 500 feet of a roadway segment. As TxDOT develops detailed plans for each project and finalizes the APE, this provisional APE in most cases will likely be refined to a smaller area.

Identification Efforts

Archeological sites do occur in proximity to some of the projects, and new sites may be discovered through further investigations. Archeological sites that qualify for inclusion in the National Register of Historic Properties are, however, rare. TxDOT thus expects that most of these projects will have no effect on archeological historic properties. All of the depicted projects have been or will be reviewed by the Environmental Affairs' Archeology Branch to verify that the projects will have no effect.

**YOU MAY COMMENT AT ANY TIME DURING THIS EARLY COORDINATION PROCESS AND TXDOT'S USE OF THE TOOL TO INITIATE CONSULTATION WITH YOUR TRIBE DOES NOT PRECLUDE YOU FROM

OUR VALUES: *People • Accountability • Trust • Honesty*

OUR MISSION: *Through collaboration and leadership, we deliver a safe, reliable, and integrated transportation system that enables the movement of people and goods.*

An Equal Opportunity Employer

ENTERING INTO CONSULTATION PER SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT (NHPA) IN THE FUTURE.

Findings and Recommendations

We will continue to send you consultation letters on any project whose area of potential effects includes Native American sites and on all major projects. Major projects:

- include border crossing facility construction, conversion of non-freeways to freeways, new location non-freeways, new location freeways, widening non-freeways, and widening freeways; and
- require new right-of-way.

Major projects would cause more than 100 cubic yards of ground disturbance to previously-undisturbed areas. Such projects may affect areas that have not been previously surveyed for cultural resources.

For minor projects, TxDOT will conduct investigations of the final APE. These investigations will comprise a desktop review of available background information and, in some cases, field studies. TxDOT will not provide further information about such minor projects unless these investigations reveal the presence of a site. However, if during your search for projects using the ETCT, you become aware of any known cultural resources or historic properties in the preliminary APE that are of interest or sacred to your tribe, please let us know as soon as possible so that we can determine level of effort in consultation with you. The table of projects (more details below) also include the types of studies TxDOT has conducted on projects that have appeared in previous versions of the ETCT.

Many projects developed by TxDOT have a trivial chance of affecting sites. Many of these trivial projects do not appear in the Early Tribal Coordination Tool, because they can be screened based solely on the project class code. In other cases, projects currently listed as minor projects on the map may be determined during environmental review to be trivial and not warrant further study. The Table of Projects (excel sheet) has also gone through additional screening to identify projects that would be classified as trivial and are considered to have no potential to cause effect to cultural resources. These are similar to categorical exclusions, and include projects such as repaving existing roadway or striping. A list of projects can be found in Appendix 3 and 4 of the Programmatic Agreement between Federal Highway Administration (FHWA), TxDOT, the Texas State Historic Preservation Officer (SHPO -Texas Historical Commission) and the Advisory Council on Historic Preservation (ACHP) regarding the implementation of transportation undertakings.

The ETCT map and the Table may sometimes conflict on the potential project impacts. The ECTC map may identify some projects as "minor" that the Table identifies as "trivial". In some cases, the evaluation of some projects as trivial has to be done manually. The map data is generated solely from an automated process, leading to this apparent discrepancy. The Table provides our best evaluation of the level of project impacts.

Table of Projects and Sites

The second attachment contains a table of the projects based on the counties listed in your area of interest, the number of any known archeological sites within the provisional APE of each project (500 feet), the number of known sites within a kilometer of the project, and the type(s) of study conducted

for the project. The table can be sorted in various ways, such as by county, project status, let date, and the date when the project was first added to the Early Tribal Coordination Tool. Note that some projects are listed as "trivial" in the table, in cases where the project description is sufficiently detailed to allow this evaluation to be made now. Further details about projects can be found in TxDOT's online tracking system, ECOS. If you would like access to ECOS, or if you would like a copy of reports, please let us know. The Early Coordination Tool provides additional details about sites that occur within the provisional APE, or you can access further information from the Texas Historical Commission's Texas Archeological Sites Atlas.

If you have any questions about these tools or would like to consult on any of the projects listed, please contact Laura Cruzada at 512/416-2638, laura.cruzada@txdot.gov. When replying to this correspondence by US Mail, please ensure that the envelope address includes reference to the Archeological Studies Branch, Environmental Affairs Division.

Thank you for your attention to this matter.

Sincerely,

Scott Pletka, Deputy Section Director
Environmental Affairs Division

Enclosure

The environmental review, consultation, and other actions required by applicable Federal environmental laws for these projects are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT.

Dear Rick,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

- If you know of historic properties of cultural or religious significance to your tribe that may be affected by the proposed project APE and the area within the above defined buffer, please let us know right away.

- This tool does not preclude Sec. 106 consultation when studies are funded in the future.

- All projects will still be reviewed by TxDOT archeologists. Various types of studies will be conducted depending on the type of project: desktop reviews, field investigations, etc.
    - TxDOT will continue to send consultation requests for major projects, if there are sites present in the APE, and to notify of further work proposed or completed.

    - For some minor or trivial projects, or projects with desktop reviews that do not have sites present, TxDOT will list the update in the next updated Table of Projects, rather than send out a consultation letter.

I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: YDSP.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Gary,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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Log In using ArcGIS account: WAT.ENV_Guest

Password: TXDOTETCT2016

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Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Sheila and Erin,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: UKBC.ENV_Guest

Password: TXDOTETCT2016

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Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

From:	Laura Cruzada
To:	"earlii@tunica.org"
Subject:	Consultation Request-Early Coordination using TxDOT GIS Tool and List of Projects for 10 years with Tunica Biloxi
Date:	Friday, March 08, 2019 3:45:00 PM
Attachments:	Tunica-Biloxi Tribe of Louisiana ETCT Table March 2019.xlsx ETCT_Consultation_Request_08-Mar-2019.pdf

Dear Mr. Barbry,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

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Log In using ArcGIS account: TBIT.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

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- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Lauren, Josh and Miranda,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: TONK.ENV_Guest
Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

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Best,
Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Terry,

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Password: TXDOTETCT2016

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Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Dana and Nekole,

We haven't yet had the pleasure of speaking over the phone about this topic since Kim left. I wanted to let you know of a tool that we use to consult with tribes on long term projects. This email is to notify you about this GIS application for tribal consultation, because it is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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Password: TXDOTETCT2016

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Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
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Cultural Resources Management

Dear Ted,

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Password: TXDOTETCT2016

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Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Mr. Haikey,

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Log In using ArcGIS account: PBCI.ENV_Guest

Password: TXDOTETCT2016

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Laura

Laura Cruzada
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laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear RaeLynn,

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Best,

Laura

Laura Cruzada
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laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Holly,

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Laura

Laura Cruzada
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laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

From:	Laura Cruzada
To:	"kellie@tribaladminservices.org"; Ivy Smith
Subject:	Consultation Request-Early Coordination using TxDOT GIS Tool and List of Projects for 10 years with Kiowa Tribe
Date:	Friday, March 08, 2019 3:35:00 PM
Attachments:	ETCT_Consultation_Request_08-Mar-2019.pdf
	Kiowa Tribe ETCT Table March 2019.xlsx

Dear Kellie and Ivy:

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Dear Mr. Nelson,

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Laura

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Dear Chairman Pacheco,

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Dear David,

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Laura

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Dear Jeffrey,

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Laura

Laura Cruzada
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Public Involvement Specialist & Tribal Liaison
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Dear Alina,

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Laura

Laura Cruzada
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Public Involvement Specialist & Tribal Liaison
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Dear Linda,

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Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: CTL.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Martina,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

- If you know of historic properties of cultural or religious significance to your tribe that may be affected by the proposed project APE and the area within the above defined buffer, please let us know right away.

- This tool does not preclude Sec. 106 consultation when studies are funded in the future.

- All projects will still be reviewed by TxDOT archeologists. Various types of studies will be conducted depending on the type of project: desktop reviews, field investigations, etc.
    - TxDOT will continue to send consultation requests for major projects, if there are sites present in the APE, and to notify of further work proposed or completed.

    - For some minor or trivial projects, or projects with desktop reviews that do not have sites present, TxDOT will list the update in the next updated Table of Projects, rather than send out a consultation letter.

I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: COMA.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

From:	Laura Cruzada
To:	"lbilyeu@choctawnation.com"; "dbyrd@choctawnation.com"
Cc:	"ithompson@choctawnation.com"
Subject:	Consultation Request-Early Coordination using TxDOT GIS Tool and List of Projects for 10 years with Choctaw Nation
Date:	Friday, March 08, 2019 3:24:00 PM
Attachments:	Choctaw Nation ETCT Table March 2019.xlsx
	ETCT_Consultation_Request_08-Mar-2019.pdf

Dear Lindsey and Deanna,

We haven't yet had the pleasure of speaking over the phone. I wanted to let you know of a tool that we use to consult with tribes on long term projects. We presented this to Daniel, David B. and Dr. Thompson previously. This email is to notify you about this GIS application for tribal consultation, because it is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

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I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: CHOC.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you

would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Elizabeth,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

- If you know of historic properties of cultural or religious significance to your tribe that may be affected by the proposed project APE and the area within the above defined buffer, please let us know right away.

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I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: CHER.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Chairman Francis,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

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I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: CNO.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear John,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov **. Be sure to bookmark the page.**

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: BIA.ENV_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

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Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

From:	Laura Cruzada
To:	"mopopehill@gmail.com"
Subject:	Consultation Request-Early Coordination using TxDOT GIS Tool and List of Projects for 10 years with Apache Tribe of Oklahoma
Date:	Friday, March 08, 2019 3:24:00 PM
Attachments:	Apache Tribe of OK ETCT Table March 2019.xlsx
	ETCT_Consultation_Request_08-Mar-2019.pdf

Dear Seth,

We haven't yet had the pleasure of speaking over the phone. I wanted to let you know of a tool that we use to consult with tribes on long term projects. This email is to notify you about this GIS application for tribal consultation, because it is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov . Be sure to bookmark the page.

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: ENV.ATO_GUEST

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Ms. Lowe,

We haven't yet had the pleasure of speaking over the phone. I wanted to let you know of a tool that we use to consult with tribes on long term projects. This email is to notify you about this GIS application for tribal consultation, because it is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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I will follow up with phone calls or we can also discuss during the Sec. 106 Monthly Conference Call. The next call is scheduled for March 27 at 2 p.m.

LOG IN TO VIEW PROJECTS

Step 1: You can now log-in to the GIS tool directly from the Tribal Consultation page on TxDOT.gov . Be sure to bookmark the page.

Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: ENV.AQTT_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

- The table of projects in the excel document can be sorted many ways to scale down what might be of interest based on construction date or level of effort.

Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Dear Bryant,

TxDOT's GIS application for tribal consultation is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

The purpose of the tool is to initiate coordination and consultation on projects within a 10-year window. It is a dynamic visual tool that it shows site locations within 1 km of a proposed transportation project, to help focus, and prioritize consultation and start earlier to identify and plan for projects that could impact resources significant to your tribe.

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LOG IN TO VIEW PROJECTS

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Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: ENV.ACTT_Guest

Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

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Please let us know if you have any questions. We look forward to hearing from you soon.

Best,

Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

From:	Laura Cruzada
To:	"Devon Frazier"
Subject:	Consultation Request-Early Coordination using TxDOT GIS Tool and List of Projects for 10 years with Absentee Shawnee Tribe
Date:	Friday, March 08, 2019 3:23:00 PM
Attachments:	Absentee-Shawnee ETCT Table March 2019.xlsx
	ETCT_Consultation_Request_08-Mar-2019.pdf

Dear Devon,

We haven't yet had the pleasure of speaking over the phone. I wanted to let you know of a tool that we use to consult with tribes on long term projects. This email is to notify you about this GIS application for tribal consultation, because it is now updated as of March 2019. Attached is a letter explaining the Early Tribal Coordination Tool (ETCT), as well as an updated table of projects that accompanies the GIS application. Your login info is below.

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LOG IN TO VIEW PROJECTS

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Click here to enter the GIS Early Tribal Coordination Tool.

Log In using ArcGIS account: ENV.ASTO_Guest
Password: TXDOTETCT2016

If you have any updates to your area of interest, let us know and we will update the tool. If you would like copies of studies or reports, please let me know.

Step 2: Identify projects that you want to focus on.

We can start consultation when you notice a project that you want to focus on.

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Please let us know if you have any questions. We look forward to hearing from you soon.
Best,
Laura

Laura Cruzada
512-416-2638
laura.cruzada@txdot.gov
Public Involvement Specialist & Tribal Liaison
Environmental Affairs Division
Cultural Resources Management

Assignment Details ★ Activity

Print this Page

Coordinate Archeology Background Study

Associated Activity:	Perform Archeology Background Study
Agency Name:	Native American Tribal Coordination(NA)
Coordination Status:	Completed
Are Correspondence Details Included:	Yes

Add Correspondence

Correspondence Status:	
Correspondence Method:	
Correspondence From:	

Correspondence Date :

Correspondence To:

Comments: Spell✓

Correspondence For	Correspondence Type	Date	Correspondence From	Correspondence To	Comments	Actions
Sent Information	Email	03/08/2019	TxDOT	Tribes	Kiowa Tribe, Mescalero Apache Tribe, Wichita and Affiliated Tribes, Caddo Nation, Jena Band of Choctaw Indians, Delaware Nation, Tonkawa Tribe of Oklahoma,Comanche Nation of Oklahoma	🖊️ 🗑️
No Response received - review time expired	Email	03/08/2019	TxDOT	Tribes	Kiowa Tribe, Mescalero Apache Tribe, Wichita and Affiliated Tribes, Caddo Nation, Jena Band of Choctaw Indians Kaufman, Delaware Nation, Tonkawa Tribe of Oklahoma, Comanche Nation of Oklahoma	🖊️ 🗑️

Comments: Spell✓

Last Updated By: Barbara J Hickman   Last Updated Date: 06/16/2020 03:22:53