



# Report Version 5

## Hazardous Materials Initial Site Assessment (ISA)

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February 2019

District: Fort Worth

State Highway (SH) 114 from Farm-to-Market 1938 (Davis Boulevard) to Dove Road

CSJ: 0353-03-100

*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project 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.*

# Hazardous Materials Initial Site Assessment (ISA) Report

This ISA complies with the Federal Highway Administration's (FHWA's) policy dealing with hazardous materials discussed in FHWA's *Supplemental Hazardous Waste Guidance* (January 16, 1997) located at <http://www.environment.fhwa.dot.gov/guidebook/vol1/doc7b.pdf>.

FHWA's policy emphasizes three objectives: 1) identify and assess potentially contaminated sites early in project development, 2) coordinate early with federal/ state/ local agencies to assess the contamination and the cleanup needed; and 3) determine and implement measures early to avoid or minimize involvement with substantially contaminated properties.

In addition, completing the ISA will aid in identifying hazardous material issues early, avoiding construction delays, and reducing the department's liability associated with the purchase of contaminated right of way.

Maintain a copy of the completed ISA report with all applicable attachments in the project file.

For additional information, refer to TxDOT's online manual: *Hazardous Materials in Project Development*: <http://onlinemanuals.txdot.gov/txdotmanuals/haz/index.htm> and the Hazardous Materials Toolkit Site: <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/haz-mat.html>

## Abbreviations and Acronyms

CALF	Closed and Abandoned Landfill
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
EA	Environmental Assessment
EIS	Environmental Impact Statement
ECOS	Environmental Compliance Oversight System
ERNS	Emergency Response Notification System
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
HAZMAT	Hazardous Materials
MS4	Municipal Separate Storm Sewer System
MSWLF	Municipal Solid Waste Landfill
NPL	National Priorities List
RCRA	Resource Conservation and Recovery Act
ROW	Right of Way
SEMS	Superfund Enterprise Management System
TCEQ	Texas Commission on Environmental Quality
TRRC	Texas Railroad Commission
US	United States
USGS	United States Geological Survey
VCP	Voluntary Cleanup Program

# TxDOT Hazardous Materials Initial Site Assessment (ISA) Report

## Project Information

CSJ No:0353-03-100	City:Southlake, Westlake, Trophy Club	Zip Code:76092,76262	County:Denton and Tarrant
HWY:State Highway (SH) 114	Limits:From: Farm-to-Market Road (FM) 1938 To: Dove Road		

### Section 1: Identify Previously Completed Environmental Site Assessments, Known Hazmat Conditions, Preliminary Project Design, and Right-of-Way Requirements

**Note: Obtain information/comments from design, right-of-way, and/or environmental staff. Attach maps and/or details as appropriate.**

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	Are there any previous environmental assessments, testing, or studies performed within the proposed project area related to contamination issues (to include Phase I ESAs)? If yes, explain here if there are any concerns to the proposed project:
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Have the project schematics and/or plan-profile sheets (if available) been reviewed?* Look for substantial excavations (including utilities and storm sewer designs), new ROW and easements, and bridge demolitions or renovations.

\* For consultants: this information shall be supplied by TxDOT.

### Section 2: Demolition and Renovation Information Related to Asbestos and Lead-Containing-Paint

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Are there proposed bridges or building demolitions or renovations for this project?
<p><b>Note:</b> If "Yes" is selected, buildings or structures being acquired through the acquisition process are assessed and mitigated for asbestos, as needed, within the ROW process according to the TxDOT ROW Manual ROW Vol. 6 Miscellaneous -Chapter 1 Section 5. Bridge structures being demolished or renovated are assessed and mitigated for asbestos and lead-containing-paint, as needed, within the construction process according to Standard Specification Item 6.10 (and applicable Provisions), and the TxDOT guidance document: Guidance for Handling Asbestos in Construction Projects, dated January 26, 2007.</p>	

### Section 3: Project Screening

**Note:** Section 3.1 is only applicable for Categorically Excluded (CE) projects. If you are uncertain of the project type, select "No" and continue to Section 3.2.

**Section 3.1** Determine if the proposed project has a low potential to encounter contamination. Refer to the preliminary schematics for project limits and internet-based maps for surrounding land use.

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or an EA or EIS Project	Are the limits of the proposed project within a historically undeveloped area and outside the boundaries of a designated MS4 permitted area? Historically undeveloped areas are locations where no commercial buildings are located within one-half (0.5) miles of the proposed project limits and the surrounding land use is historically agricultural, forest, or ranch lands.
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If "Yes" is selected, the ISA is complete. The proposed project has a low potential to encounter contamination. Complete Sections 9 and 10 of this ISA and maintain a copy and all applicable attachments in the project file.

If "No" is selected, proceed to Section 3.2 of this ISA.

#### Section 3.2

**Note:** Determine if the project includes any of the activities listed below:

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Project Excavations:</b> Will the work consist of substantial excavation operations. Substantial excavation includes, but is not necessarily limited to: <ul style="list-style-type: none"> <li>• Underpass construction,</li> <li>• Storm sewer installations, and</li> <li>• Trenching or tunneling that would require temporary or permanent shoring.</li> </ul>
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Dewatering of Groundwater:</b> Are there proposed de-watering operations. If yes, what is the estimated depth to groundwater?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Encroachments:</b> Are there known or potential encroachments into the project area? Encroachments include soil and groundwater contamination, dump sites, tanks, and other issues in the ROW.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>ROW and Easements:</b> Are there any acquisitions of new ROW, easements, temporary construction easements planned for the project?

**3.3 Complete the appropriate box below:**

- If Section 3.2 contains any "Yes" answers, please proceed to Section 4.
- If Section 3.2 contains all "No" answers, proceed to Section 6, Site Survey. Please perform a site survey documenting the results in Section 6 and then mark the appropriate box below. If a Phase I ESA has been prepared for this project, you may use the applicable site survey information from the Phase I ESA.
- The site survey did not identify evidence of any environmental concerns listed in Section 6. The ISA is complete. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.
- The site survey identified evidence of environmental concerns listed in Section 6. Continue with Section 4.

**Section 4: Current and Past Land Use Information**

**Note:** Review and assess current and past land use (up to 50 years) in the project area. Document and attach sources that were reviewed. If one or more Phase I ESAs were prepared for this project, please use applicable information from the Phase I ESAs to help complete this section of the ISA.

<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	<b>4.1 Review Current and Past USGS 7.5 Minute Topographic Maps of the project area:</b> Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns:None		
	List Topo Maps Reviewed:	Dates:	Comments:
	Colleyville Quadrangle, Texas 7.5-Minute Series	1959, 1968, 1973, 1981, 2008, 2012	No concerning features identified.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	<b>4.2 Review Current and Past Aerial Photographs of the project area:</b> Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns:None		
	List All Aerial Photos Reviewed:	Photo Dates:	Comments:
	Source: USDA, USGS, TxDOT, AMS, ASCS	1942, 1953, 1958, 1968, 1976, 1981, 1995, 2004, 2008, 2012, 2016	The SH 114 roadway is pictured in the oldest aerial photograph (1942). Major roadway improvements took place between 1981 and 2008. See attachments.
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	<b>4.3 Review Current and Past Right-of-Way Maps/Files*:</b> Look for oil & gas pipelines, tanks, landfills, or other industrial features. Describe any concerns:None		
	List Maps/ Files & Dates Reviewed:	Comments:	

	State of Texas Highway Department - Plan of Proposed Right of Way Project State Highway 114, November 18, 1976	Plans included roadway expansion and ROW extension.
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	<b>4.4 Review Sanborn Fire Insurance Maps/Files:</b> Look for tanks, oil & gas pipelines, landfills, or other industrial features. Describe any concerns:	List Maps/ Files & Dates Reviewed:      Comments:
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Available <input checked="" type="checkbox"/> Not Applicable	<b>4.5 Review TxDOT As-Built Plans*:</b> Were any concerns identified during previous work within the project limits? If yes, explain: If known, what is the previous Project CSJ:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available <input type="checkbox"/> Not Applicable	<b>4.6 Review TxDOT Geotechnical Soil Boring Logs*:</b> Were any concerns noted on the boring logs such as unusual odors, visible contamination, trash, waste or debris? If yes, explain:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	<b>4.7 Review TxDOT Temporary Use ROW Agreements (permits issued by the district to entities to occupy a portion of the ROW)*:</b> Were any concerns such as monitor wells or treatment systems identified within the ROW? For consultants: this information shall be supplied by TxDOT. If yes, explain:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Available	<b>4.8 Review Notifications of Contamination to TxDOT*</b> (These are typically letters from TCEQ or third parties explaining the presence of contamination on TxDOT ROW): Were any concerns regarding contamination of ROW from off-site sources? If yes, explain:	

\* For consultants: this information shall be supplied by TxDOT. If no information is supplied by TxDOT, then select Not Available.

Section 5: Complete a Regulatory Records Review (Database Search)	
<p><b>Note:</b> Use the comment field in Section 5.1 to provide a synopsis of the total number of sites identified within the search distances of the regulatory record reviewed. No comments are required when no sites were identified or the regulatory record was not reviewed.</p> <p><b>Select the appropriate box below:</b></p> <input checked="" type="checkbox"/> A Database search was conducted through a contracted service. Indicate in Section 5.1, and if applicable, Section 5.2, the regulatory records searched. Maintain a complete copy of the database search findings (contractor's report deliverable) in the project file with the ISA. <input type="checkbox"/> A Database search was conducted in-house. For in-house database searches, not all databases need to be reviewed, but at a minimum the databases listed in Section 5.1 marked in <b>bold with a star(*)</b> must be reviewed. Include database records that list potential issues in the project file with the ISA. It is not necessary to include records of negative findings.	
Section 5.1 Standard Database Sources of Environmental Information from Government Agency Records	
Findings	Regulatory Record
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	<b>Federal Active NPL or Not NPL list (CERCLIS or SEMS sites)*</b> <a href="https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm">https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm</a> ; and/or <a href="https://www.epa.gov/cleanups/cleanups-my-community">https://www.epa.gov/cleanups/cleanups-my-community</a> (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified	<b>Federal Archived NPL or Not NPL list (CERCLIS or SEMS sites)*</b>

<input checked="" type="checkbox"/> No Sites Identified	<a href="https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm">https://cumulis.epa.gov/supercpad/CurSites/srchsites.cfm</a> (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	US EPA Brownfield Properties <a href="https://www.epa.gov/cleanups/cleanups-my-community">https://www.epa.gov/cleanups/cleanups-my-community</a> (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA Corrective Action (CORRACTS) list <a href="https://www.epa.gov/cleanups/cleanups-my-community">https://www.epa.gov/cleanups/cleanups-my-community</a> , and/or <a href="http://www.epa.gov/enviro/">http://www.epa.gov/enviro/</a> (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA non-CORRACTS Treatment Storage Disposal (TSD) facilities list <a href="http://www.envcap.org/statetools/tsdf/">http://www.envcap.org/statetools/tsdf/</a> and/or <a href="http://www.epa.gov/enviro/">http://www.epa.gov/enviro/</a> (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal RCRA generators <a href="http://www.epa.gov/enviro/">http://www.epa.gov/enviro/</a> (acquired property and adjoining properties)
Comments for Sites Identified:	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	Federal ERNS (or Responses) <a href="https://www.epa.gov/cleanups/cleanups-my-community">https://www.epa.gov/cleanups/cleanups-my-community</a> (acquired property and adjoining properties)
Comments for Sites Identified: One ERNS site was identified, as listed below. Site is of low concern.  Unmapped site located 1.5 miles east of Roanoke on Highway 114, Denton County, TX. An incident occred on September 10, 1982 in which a bulldozer struck and busted a high pressure gas pipeline. Gas, which at the time was believed to be natural gas, was being released from the pipeline and material was going into Denton Creek, which flows into Lake Grapevine. Because the incident was not ongoing and occurred 36 years ago, the site is of low concern.	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	<b>TCEQ Industrial Hazardous Waste Corrective Action (IHWCA) sites only*</b> <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a> (1 mile minimum search distance from project limits)
Comments for Sites Identified: One site was identified.  Map ID 8 Chemical Blending and Packaging 0.8 miles north of the project area at 4285 T W King Rd, Southlake, TX. IHWCA Solid Waste Registration # 38871. Site is down gradient from the project area and of little concern.	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	<b>TCEQ Superfund sites*</b> <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a> and/or <a href="https://www.tceq.texas.gov/remediation/superfund/sites/index.html">https://www.tceq.texas.gov/remediation/superfund/sites/index.html</a> (1 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input checked="" type="checkbox"/> Sites Identified <input type="checkbox"/> No Sites Identified	<b>Closed and abandoned municipal solid waste landfill sites*</b> <a href="http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw-data">http://www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw-data</a> (0.5 mile minimum search distance from project limits)

Comments for Sites Identified: One unmapped site, Carlo J Farina, located over a mile from the project area. Site is located on east side of White Chapel Road, north of Southlake. Site is 5 acres. Many piles of dumping were observed during site visit in December, 2000. Site now operates as Boo Boo's Buddies Dog Park. Site is of low concern.

Sites Identified  
 No Sites Identified

**TCEQ leaking petroleum storage tank remediation lists (LPST)\***

<http://www15.tceq.texas.gov/crpub/>

(0.5 mile minimum search distance from project limits)

Comments for Sites Identified: One LPST site was identified, as listed below. The site is of low concern.

STOP N Go 0209

HWY 114

Peytonville, Roanoke, TX 76262

(Banks ID 5)

Site located one mile west of project area. The site's Leaking Petroleum Storage Tanks Remediation ID number is 091237; the site had three tanks removed from the ground in 1983. The official leak closure date was November 4, 2000 and the facility is considered inactive. Site was incorrectly mapped in the Regulatory Database report.

Sites Identified  
 No Sites Identified

**TCEQ registered petroleum storage tank lists (PST)\*** <http://www15.tceq.texas.gov/crpub/>

(acquired property and adjoining properties)

Comments for Sites Identified: Five PST sites were identified, as listed below:

Banks ID 1, identified in the Regulatory Database Report as the Wells Fargo Westlake Phone Bank. The business still operates its services at this location. The site's Petroleum Storage Tanks Registration ID number is 86261 and it is located at 9 Village Cir, Westlake, TX 76262. The site is considered active. The facility is located .04 mile from the project area. Because the site is not within or directly adjacent to the project area's proposed ROW, the site is of low concern.

Banks ID 2, identified in the Regulatory Database Report as the Verizon Wireless Southlake NEC Data Center. The business still operates its services at this location. The site's Petroleum Storage Tanks Registration ID number is 75541 and it is located at 500 W Dove Rd, Southlake, TX 76092. The site is considered active. The facility is located 0.09 mile from the project area. Because the site is not within or directly adjacent to the project area's proposed ROW, the site is of low concern.

Banks ID 6, identified in the Regulatory Database Report as the Verizon Wireless Southlake MTCE Lab. The business still operates its services at this location. The site's Petroleum Storage Tanks Registration ID number is 70004 and it is located at 1600 Solona Blvd Bldg 8, Westlake, TX 76262. The site is considered active. The facility is located 0.2 mile from the project area. Because the site is not within or directly adjacent to the project area's proposed ROW, the site is of low concern.

Banks ID 7, identified in the Regulatory Database Report as the Dallas Technology Center. The site's Petroleum Storage Tanks Registration ID number is 82602 and it is located at 8 Campus Cir Ste 300, Westlake, TX 76262. The business no longer operates its services at this location. The site is considered active. The facility is located 0.22 mile from the project area. Because the site is not within or directly adjacent to the project area's proposed ROW, the site is of low concern.

Banks ID 7, identified in the Regulatory Database Report as the Westlake Data Center. The business still operates its services at this location and is owned and operated by Levi Strauss & Co. The site's Petroleum Storage Tanks Registration ID number is 68751 and it is located at 8 Campus Cir, Westlake, TX 76262. The site is considered active. The facility is located 0.22 mile from the project area. Because the site is not within or directly adjacent to the project area's proposed ROW, the site is of low concern.

Sites Identified  
 No Sites Identified

**TCEQ voluntary cleanup program (VCP) sites\*** <http://www15.tceq.texas.gov/crpub/>

(0.5 mile minimum search distance from project limits)

Comments for Sites Identified:

Sites Identified

**TCEQ Innocent Owner/ Operator (IOP) sites** <http://www15.tceq.texas.gov/crpub/>

(0.5 mile minimum search distance from project limits)

<input checked="" type="checkbox"/> No Sites Identified <input type="checkbox"/> Not Reviewed	
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	TCEQ Dry Cleaners <b>remediation only Database*</b> <a href="http://www15.tceq.texas.gov/crpub/">http://www15.tceq.texas.gov/crpub/</a> (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<input type="checkbox"/> Sites Identified <input checked="" type="checkbox"/> No Sites Identified	Texas Railroad Commission VCP sites* <a href="http://www.rrc.state.tx.us/oil-gas/environmental-cleanup-programs/site-remediation/voluntary-cleanup-program/">http://www.rrc.state.tx.us/oil-gas/environmental-cleanup-programs/site-remediation/voluntary-cleanup-program/</a> (0.5 mile minimum search distance from project limits)
Comments for Sites Identified:	
<b>Section 5.2 List below other pertinent records reviewed such as local records and/or additional state records</b>	
Record Source and Comments: RRC GIS Public Viewer, pipeline located adjacent to project area.	
Record Source and Comments:	

<b>Section 6: Complete a Project Site Survey</b>
<p><b>Note: Do not</b> document site survey concerns that were previously identified by the regulatory list search, by the Current and Past Land Use review, or both. In Section 6.1, describe the location and size of the concern. Attach site maps and photographs, as appropriate. If a Phase I ESA has been prepared for this project, you may use the applicable site survey information from the Phase I ESA and updated current site conditions, as needed.</p> <p><b>Possible Site Survey Concerns:</b> The following items are to be used as a guide to help identify potential hazardous material issues during a site survey.</p> <ul style="list-style-type: none"> <li>• underground storage tanks</li> <li>• aboveground storage tanks</li> <li>• injection wells, cisterns, sumps, dry wells</li> <li>• floor drains, walls stained by substances other than water or emitting foul odors</li> <li>• stockpiling, storage of material</li> <li>• surface dumping of trash, garbage, refuse, rubbish, debris half exposed/buried, etc.</li> <li>• stained, discolored, barren, exposed or foreign (fill) soil</li> <li>• oil sheen or film on surface water, seeps, lagoons, ponds, or drainage basins</li> <li>• changes in drainage patterns from possible fill areas</li> <li>• Dead animals (fish, birds, etc.)</li> <li>• vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground</li> <li>• electrical and transformer equipment storage or evidence of release</li> <li>• groundwater monitoring wells and groundwater treatment systems</li> <li>• vats, 55-gallon drums (labeled/unlabeled), canisters, barrels, bottles, etc.</li> <li>• evidence of liquid spills</li> <li>• damaged or discarded automotive or industrial batteries</li> <li>• dead, damaged, or stressed vegetation</li> <li>• pits, ponds, or lagoons associated with waste treatment or waste disposal</li> <li>• security fencing, protected areas, placards, warning signs</li> </ul>
<b>Site Survey Date(s): December 12, 2018</b>
<p><b>6.1 Describe Concerns Observed During the Site Survey. Do not</b> include concerns previously identified during the regulatory list search, the current and past land use review or both. Indicate if the concern is associated with existing ROW, proposed ROW, adjacent property, or easements. Provide address location (or relative location) and any additional information about the evidence identified; include photographs as an attachment to the ISA.</p> <p>Comments or Concerns Identified: No concerns were observed during the Site Survey.</p>

**Section 7: Interviews**

**Section 7.1 Were interviews conducted?**  Yes  No

Possible interviewees include local residents, TxDOT staff, fire department personnel, city or county department of health/environmental staff, city or county planning staff, TCEQ staff, TRRC staff, and current and former property owners or operators.

If one or more Phase I ESAs were prepared for this project, please use applicable interview information from the Phase I ESAs to help complete this section of the ISA.

**Section 7.2 Interview Summary:** Complete this section if interviews were conducted. Add additional rows as needed. Attach record of communications to the ISA.

Name:	Title:	Date:
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Describe any potential concerns:

Name:	Title:	Date:
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Describe any potential concerns:

Name:	Title:	Date:
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Describe any potential concerns:

**Section 8: Hazardous Material Concerns**

On the list below, indicate if a concern is resolved or unresolved. "Unresolved" indicates additional investigation or research is required. "Resolved" indicates the concern has been resolved during the preparation of this ISA. If a concern is "Unresolved" or "Resolved", include a statement explaining the planned next steps to resolve the issue. If no concerns were identified, select "No Issue".

For additional information regarding scheduling considerations, internal/external coordination and recommended practices for resolving hazmat issues please refer to TxDOT's *Environmental Tool Kit* web site.

Contact TxDOT ENV Hazardous Material Management (HMM) for additional assistance.

**8.1 Identify Type of Hazardous Material Concerns**

Resolution	Type of Concern
<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	<b>Current or Past Land Use Concerns:</b> These concerns are associated with hazardous material issues identified in Section 4 that were not discovered during the database search in Section 5.1 or during the Site Survey in Section 6.1. Note: For ECOS IIR development, the Available Contaminated Media would be "Other".

Explain Unresolved or Resolved Issues: No sites of high concern were identified in Section 4.

<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input checked="" type="checkbox"/> No Issue	<b>Site Visit Concerns:</b> These concerns are associated with hazardous material issues discovered following the completion of Section 6 that were not previously discovered during the database search in Section 5.1 or during the current and past land use review in Section 4. Note: For ECOS IIR development, the Available Contaminated Media would be "Other".
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Explain Unresolved or Resolved Issues:

<input type="checkbox"/> Unresolved <input type="checkbox"/> Resolved <input type="checkbox"/> No Issue <input checked="" type="checkbox"/> N/A	<b>Interview Concerns:</b> These concerns are associated with any hazardous material issues discovered during an interview listed in Section 7, that were not previously discovered during the database search in Section 5.1, during the current and past land use review in Section 4, or during the Site Survey in Section 6.1. Note: For ECOS IIR development, the Available Contaminated Media would be "Other".
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Explain Unresolved or Resolved Issues:

<input type="checkbox"/> <b>Unresolved</b> <input type="checkbox"/> <b>Resolved</b> <input checked="" type="checkbox"/> <b>No Issue</b>	<b>Petroleum Storage Tanks (PSTs) Concerns discovered during the database search:</b> PSTs are underground or aboveground storage tanks used to store fuel or other petroleum substances. Typically, these are found at gasoline and diesel refueling facilities. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more PSTs.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
<input type="checkbox"/> <b>Unresolved</b> <input checked="" type="checkbox"/> <b>Resolved</b> <input type="checkbox"/> <b>No Issue</b>	<b>Leaking Petroleum Storage Tanks (LPSTs) Concerns discovered during the database search:</b> LPSTs are PSTs that have caused or are suspected to have caused a release of fuel or other petroleum substances to the environment.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from one or more LPSTs. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ROW acquisition or partial acquisition of a parcel with one or more LPSTs.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	One or more LPSTs are located within 0.25 miles of the project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
<input type="checkbox"/> <b>Unresolved</b> <input type="checkbox"/> <b>Resolved</b> <input checked="" type="checkbox"/> <b>No Issue</b>	<b>Oil and Gas Activity Concerns:</b> TxDOT is concerned with the acquisition of oil and gas wells (and ancillary equipment) such as process, piping, production equipment, pipelines, etc. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research needed or uncertain of impacts. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TRRC VCP Site within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oil/ Gas Wells within future ROW.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Spills or other Contamination Issues associated with ancillary equipment or pipelines.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:
Explain Unresolved or Resolved Issues:		
<input type="checkbox"/> <b>Unresolved</b> <input checked="" type="checkbox"/> <b>Resolved</b> <input type="checkbox"/> <b>No Issue</b>	<b>Non-LPST Source Contamination Concerns discovered during the database search:</b> These are sites or locations that have a potential for soil and groundwater contamination and are not associated with LPST sites. Select below all that apply.	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional Research is needed or uncertain of impacts from a Non-LPST site. Request assistance from ENV.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Active NPL or Not NPL site(s) within 1 mile of the project. This may be identified on a database search as a CERCLIS or NPL site.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified SEMS Archived NPL or Not NPL site(s) within 0.5 miles of the project. This may be identified on a database search as a CERCLIS NFRAP.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA Corrective Action(s) site within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified RCRA TSD facilities within 0.5 miles of project.
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Database search identified TCEQ IHW Corrective Action sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ Superfund sites within 1 mile of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ VCP sites within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified TCEQ IOP sites within 0.5 miles of project.
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:

Explain Unresolved or Resolved Issues:TCEQ IHWCA site are of low concern.

<input type="checkbox"/> <b>Unresolved</b>	<b>Landfills/Waste Pits/Dump Site Concerns:</b> These concerns are associated with any known or suspected (based on visual observations) landfills, dump sites, or waste pits. These concerns may appear on a database search as CALF or MSWLF site. Additionally, the local Council of Governments (COG) maintains a list of closed and open landfills in your project area. Select below all that apply.
<input type="checkbox"/> <b>Resolved</b>	
<input checked="" type="checkbox"/> <b>No Issue</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional research is needed or uncertain of impacts. Request assistance from ENV.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Database search identified active/closed/abandoned CALF or MSWLF landfill sites within .5 miles of the project.
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Other- Describe:

Explain Unresolved or Resolved Issues:

**8.3 Did the ISA identify any Unresolved Hazardous Material concerns?**

No, unresolved hazardous materials concerns were identified and/or all potential concerns were resolved within the ISA. No further hazardous materials action is required. The ISA is complete for this project. Any unanticipated hazardous materials impacts encountered during the project construction phase shall be addressed in accordance with regulatory requirements and TxDOT standard specifications. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.

Yes, the ISA identified one or more unresolved hazardous materials concerns requiring additional investigations or assessments. An Issues, Identification, and Resolution (IIR) form shall be completed in ECOS to track the additional investigations and assessments. Complete Sections 9 and 10 and maintain a copy of the ISA and all applicable attachments in the project file.

**Section 9: Reference Materials Utilized (Identify any referenced materials and attach them to the ISA or in the project file.**

<b>Referenced Materials Used</b>	<input checked="" type="checkbox"/> Project Map	<input checked="" type="checkbox"/> USGS Topo Maps	<input checked="" type="checkbox"/> Aerial Photographs
	<input checked="" type="checkbox"/> ROW Maps/Files	<input type="checkbox"/> Sanborn Fire Insurance Maps	<input type="checkbox"/> Temporary Use Agreements
	<input type="checkbox"/> TxDOT As-Built Plans	<input type="checkbox"/> Notifications	<input checked="" type="checkbox"/> Photographs
	<input type="checkbox"/> Project Schematics/Profiles	<input checked="" type="checkbox"/> Regulatory Database	<input type="checkbox"/> Record of Interviews
	<input type="checkbox"/> Other:RRC GIS		

**Section 10: Contact/Completed by**

<b>Name:</b>	Caroline Marlett	<b>Tel: 512-338-2223</b>
<b>Title:</b>	Environmental Specialist	
<b>Firm (District Section):</b>	Cox McLain Environmental Consulting	
<b>Address:</b>	8401 Shoal Creek Blvd. #100 Austin, TX 78757	
<b>Signature:</b>		<b>Date:02/15/2019</b>

## Appendix A

The following table shows the revision history for this guidance document.

<b>Revision History</b>	
<b>Effective Date</b>	<b>Reason for and Description of the Change</b>
April 2017	<p>Version 5</p> <p>The cover page has additional fields related to specific project information. This is added to personalize the ISA to a project.</p> <p>Section 2 was modified to acknowledge that asbestos or lead-in-paint issues might exist on our construction projects, but the identification and resolution to these issues are outside of the ISA process and are handled programmatically by TxDOT (usually in CST or the ROW processes).</p> <p>Section 3 was modified by adding an additional screening option. You are now able to screen out of performing a full ISA if your project meets the parameters described.</p> <p>Section 6 was reformatted to remove the numerous selections related to the Possible Site Survey Concerns. Additionally, redundant questions were removed to make the section easier to use. Under the new format, the preparer is required to insert the survey dates and a description of what was identified during the survey.</p> <p>Minor changes were made to terminology throughout the ISA, this was performed to clarify and streamline the process.</p> <p>Section 8.1 has been modified to provide resolution to potential hazardous materials issues that can be resolved easily during the ISA process. Additionally, a comment field was added to provide direction related to issues requiring further action to resolve. This will streamline the process in reducing the amount of IIR entries requires in ECOS and will reduce the time required to review a project.</p>
June 2016	<p>Version 4</p> <p>Modifications to Section 5: Web links and database names were modified based on changes made by regulatory agency websites.</p>
October 2014	<p>Version 3</p> <p>Modifications to Section 2: Clarified this section to better define what are asbestos and lead-in-paint concerns. Changes were made due to numerous comments from the end-user.</p> <p>An additional note was added to this section. This note directs end-users to ENV-HMM for further assistance related to lead-in-paint issues.</p> <p>Modifications to Section 3: The question concerning Project Excavations in Section 3.1 was modified to match the definition used in Scoping Procedure for Categorically Excluded TxDOT Projects for Hazardous Materials found in the NEPA and Project Development Toolkit.</p> <p>Modifications to Section 5: Web links were modified based on changes made by regulatory agency websites.</p> <p>Modifications to 8.2: Clarified the “Yes” answer in 8.2 to remove the need for additional assessments for all identified hazardous materials concerns. The question was modified due to comments by the end-user.</p>

August 2014	Version 2 Removed introductory note describing ISA threshold criteria. Note was removed because the ISA threshold criteria are located in other TxDOT guidance.
April 2014	Version 1 Released

# List of Attachments

- Project Area Photos
- Project Location Figures
- Regulatory Database Reports
- Past Right-of-Way Map
- Historical Aerials
- Historic Topographic Maps

## Project Area Photos



**Photo 1:** Western terminus of the project area at the SH 114 westbound frontage road, facing east.



**Photo 2:** Western terminus of the project area at the SH 114 westbound frontage road, facing west.



**Photo 3:** SH 114 eastbound frontage road intersection at Solana Blvd., facing east.



**Photo 4:** SH 114 eastbound frontage road intersection at Solana Blvd., facing west.



**Photo 5:** SH 114 westbound frontage road intersection at Kirkwood Blvd., facing east.



**Photo 6:** SH 114 westbound frontage road intersection at Kirkwood Blvd., facing west.



**Photo 7:** Location of PST "Verizon Wireless Southlake NEC Data Center" site (Banks ID 2), facing north.



**Photo 8:** Sign near PSTT "Wells Fargo Westlake Phone Bank" site (Banks ID 1), facing southeast.



**Photo 9:** Location of PST "Verizon Wireless MTCE Lab" site (Banks ID 6), facing northeast.



**Photo 10:** Location of PST "Dallas Technology Center" (Banks ID 7), facing southeast

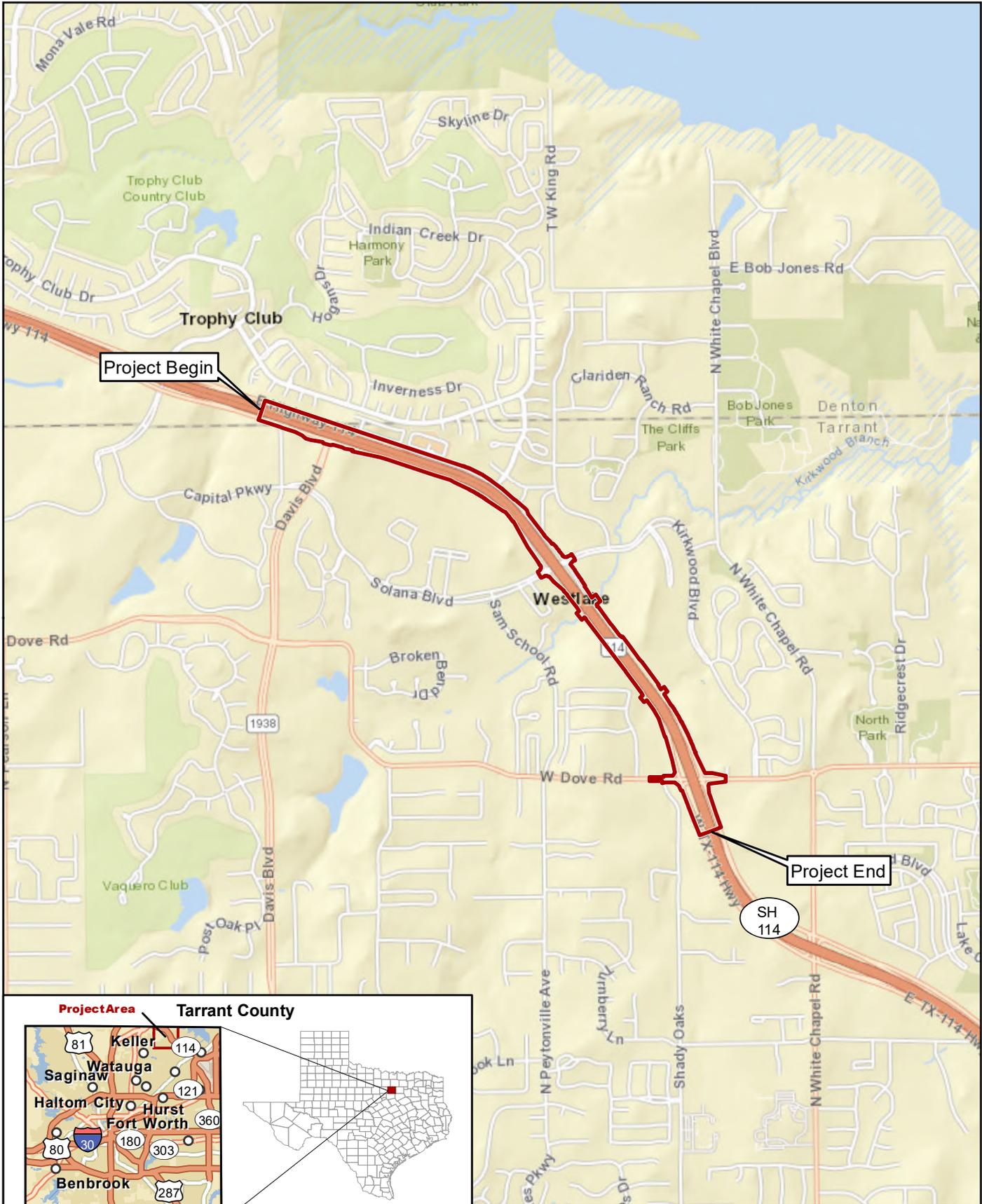


**Photo 9:** Eastern terminus of the project area at the SH 114 westbound frontage road, facing southeast.



**Photo 10:** Eastern terminus of the project area at the SH 114 westbound frontage road, facing northwest.

## Project Location Figures



**Figure 1**  
**Project Location (Road Base)**  
 SH 114 from FM 1938 to Dove Rd

 Project Location

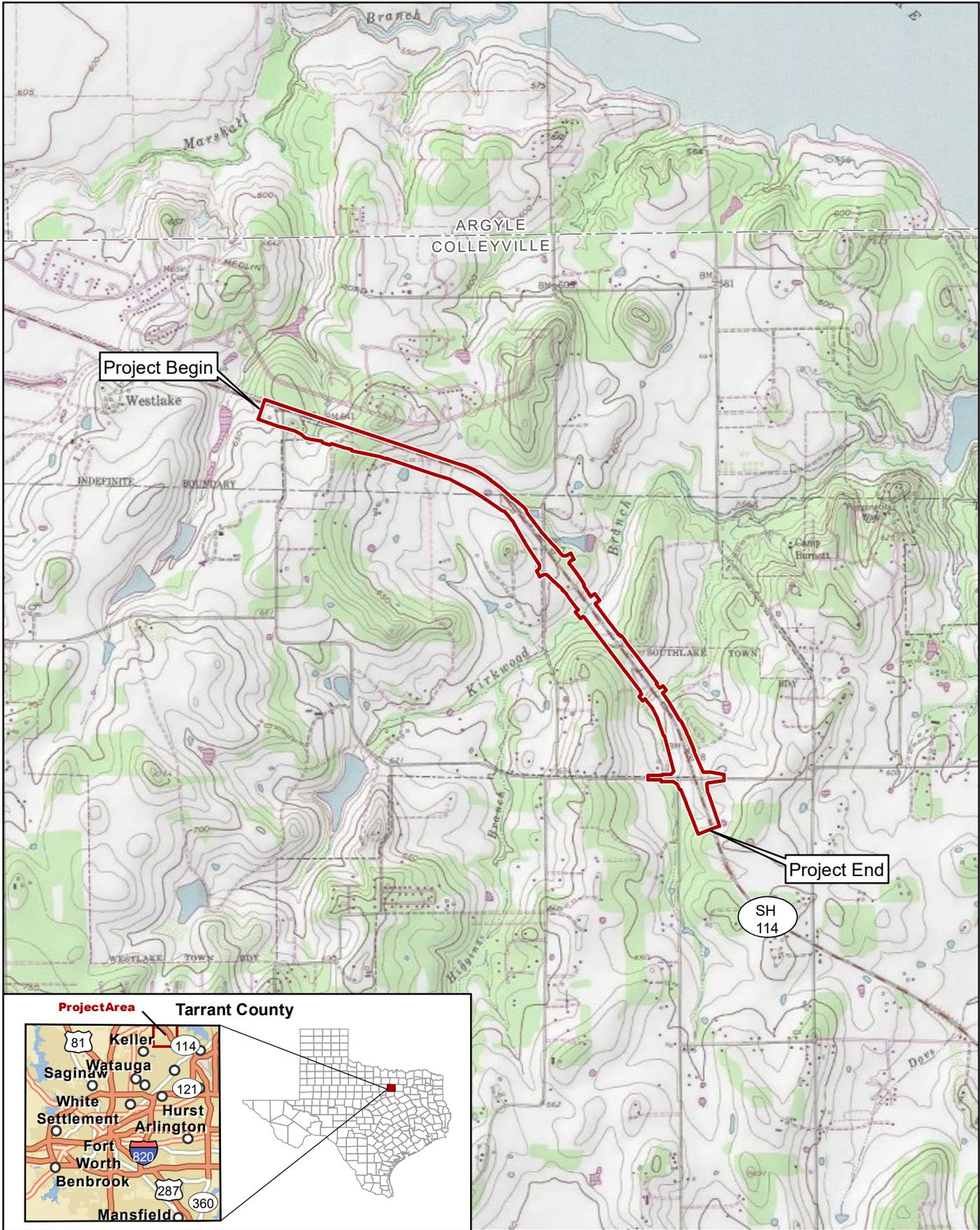


0 0.5 Mile  
 0 0.75 Kilometer

Prepared for: TxDOT  
 Scale: 1:31,680  
 Date: 12/12/2018

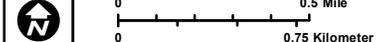
Basemap Source: ESRI (2018)

CSJ: 0353-03-100



**Figure 2**  
**Project Location (Topographic Base)**  
 SH 114 from FM 1938 to Dove Rd

 Project Location



Prepared for: TxDOT
Scale: 1:31,680
Date: 12/14/2018

Topographic Source: USGS Argyle and Colleyville 7.5' Quadrangles (1973, 1981)  
 CSJ: 0353-03-100



- ▭ Project Location
- ◆ Potential Hazardous Material Site

**Figure 3**  
**Sites of Concern (Aerial Base)**  
**SH 114 from FM 1938 to Dove Rd**

G:\Projects\TXDOT\SH114\Hazmat\_Figure 3\_Sites\_20181214.mxd

	0 1,000 Feet
	0 300 Meters
Prepared for: TxDOT	1 in = 1,000 feet
Source: Banks (2018) TCEQ (2018) Basemap Source: Texas (2015)	Scale: 1:12,000
CSJ: 0353-03-100	Date: 12/18/2018

## Regulatory Database Reports

**Prepared for:**

COX MCLAIN ENVIRONMENTAL CONSULTING INC - Austin  
8401 Shoal Creek Blvd, STE 100  
Austin, TX 78757



# Regulatory Database Report

ASTM E1527-13/AAI Compliant

SH 114

TX

Tarrant County

PO #: 014-028-001

Wednesday, November 28, 2018

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## Geographic Summary

### Location

Tarrant County, TX

Target location is 0.187 square miles and has a 5.62 mile perimeter

### Coordinates

Longitude &amp; Latitude in Degrees Minutes Seconds NA

Longitude &amp; Latitude in Decimal Degrees NA

X and Y in UTM NA

### Elevation

NA

### Zip Codes Searched

Search Distance	Zip Codes (historical zip codes included)
Target Property	76092, 76262, 76244
0.25 miles	76092, 76262, 76244
0.5 miles	76092, 76262, 76244
1 mile	76092, 76262, 76244

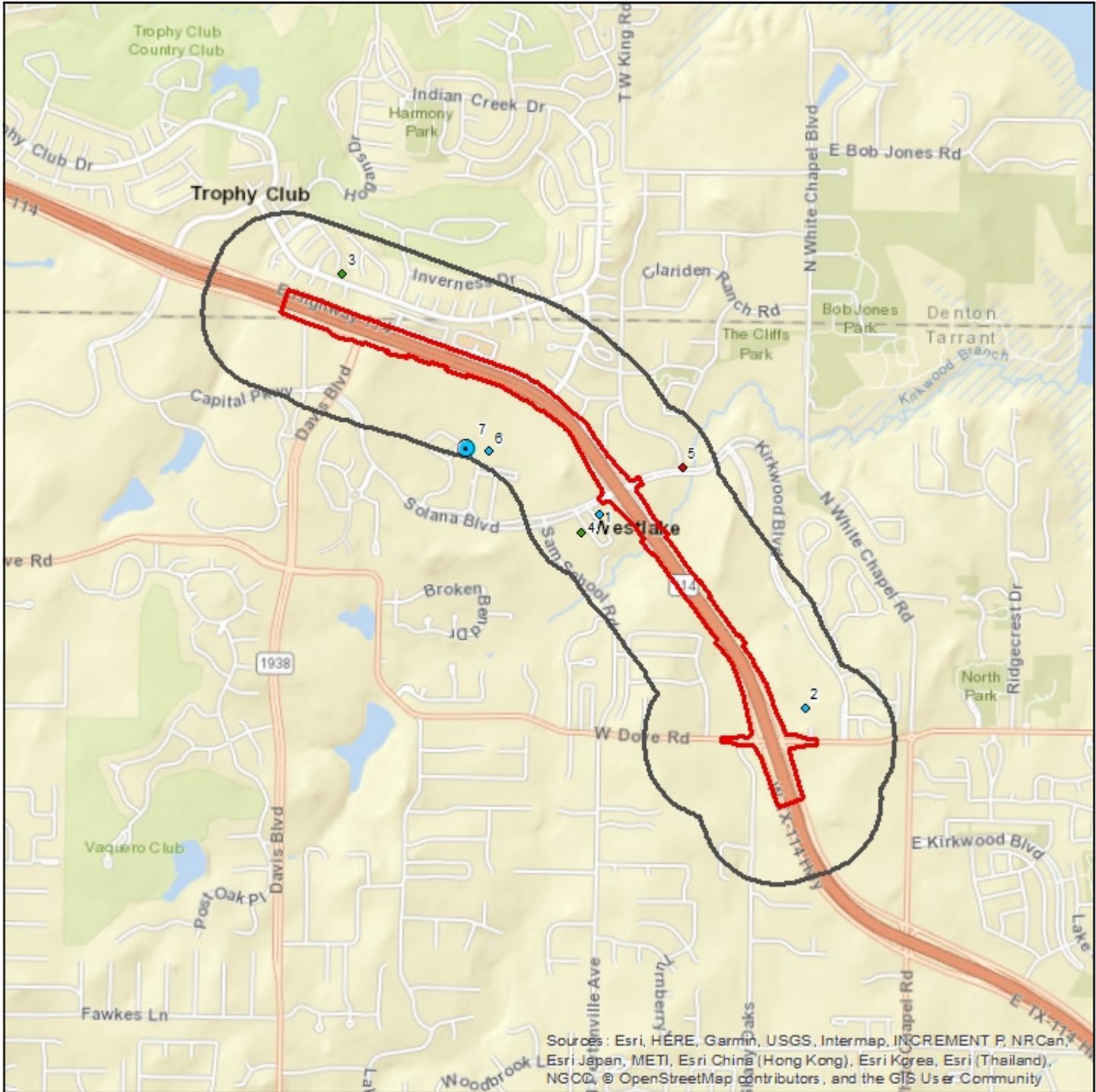
### Topos Searched

Search Distance	Topo Name
Target Property	Colleyville (1982)
0.25 miles	Colleyville (1982)
0.5 miles	Colleyville (1982)
1 mile	Argyle (1978), Colleyville (1982)

## Database Summary

Databases Searched	Distance Searched	# Mapped	# Not Mapped	Total
<b>Federal - ASTM 1527-13/AAI Required</b>				
National Priority List (NPL)	1	0	0	0
Delisted National Priority List (DNPL)	0.5	0	0	0
SEMS (CER SEMS)	0.5	0	0	0
SEMS NFRAP (CER SEMS NFRAP)	0.5	0	0	0
RCRA CORRACTS (RCRA COR)	1	0	0	0
RCRA non-CORRACTS TSD (RCRA TSD)	0.5	0	0	0
RCRA Generators (RCRA GEN)	0.25	0	0	0
Federal Brownfields (FED BWN)	0.5	0	0	0
Federal Institutional Control (FED IC)	0.5	0	0	0
Federal Engineering Control (FED EC)	0.5	0	0	0
ERNS List (ERNS)	0.25	0	1	1
<b>State - ASTM 1527-13/AAI Required</b>				
State/Tribal Equivalent NPL (ST NPL)	1	0	0	0
State/Tribal Equivalent CERCLIS (ST CER)	0.5	0	0	0
State/Tribal Disposal or Landfill (SWLF)	0.5	0	1	1
State/Tribal Leaking Storage Tank (LPST)	0.5	1	0	1
State/Tribal Storage Tank (PST)	0.25	5	0	5
State/Tribal Institutional Control (ST IC)	0.25	0	0	0
State/Tribal Engineering Control (ST EC)	0.5	0	0	0
State/Tribal Voluntary Cleanup (VCP)	0.5	0	0	0
State/Tribal Brownfield (ST BWN)	0.5	0	0	0
State/Tribal Hazardous Waste (HW)	0.25	0	2	2
<b>Non-ASTM/AAI Required Databases</b>				
RCRA (RCRA)	0.25	1	0	1
Dry Cleaners (DRYC)	0.25	1	0	1
State/Tribal Municipal Settings Designation (MS)	0.25	0	0	0
<b>Total Sites Found</b>		<b>8</b>	<b>4</b>	<b>12</b>

# Summary Map - 0.25 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

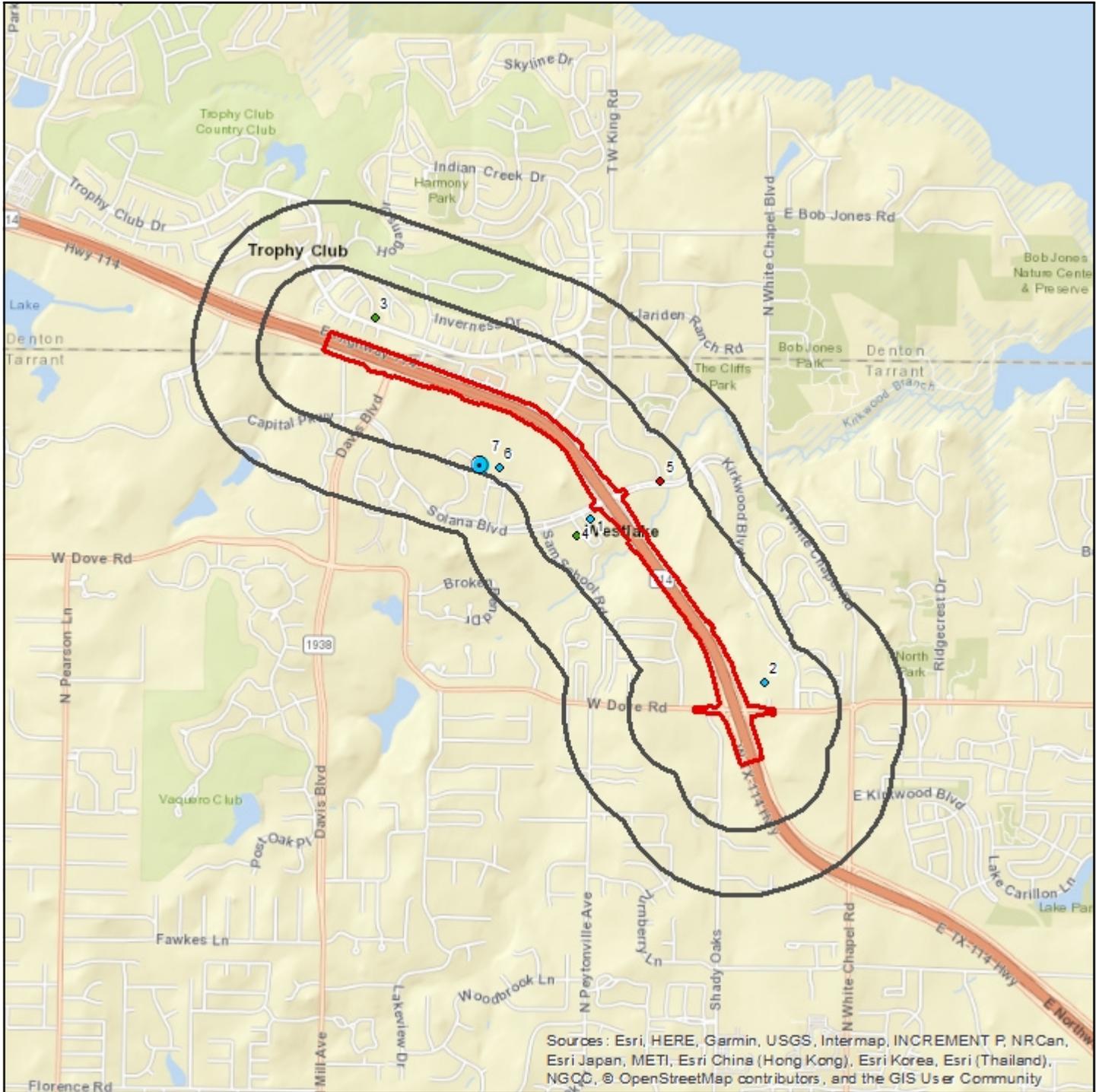
- |  |   |   |  |   |
|--|---|---|--|---|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="background-color: red; color: red;">■</span> Large Tract     | <span style="color: red;">●</span> Cluster Site with Large Tract   | <span style="border: 1px solid red; padding: 2px;"> </span> Target Property |
| <span style="color: cyan;">●</span> Single Site  | <span style="color: cyan;">●</span> Cluster Site  | <span style="background-color: cyan; color: cyan;">■</span> Large Tract   | <span style="color: cyan;">●</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; padding: 2px;"> </span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="background-color: green; color: green;">■</span> Large Tract | <span style="color: green;">●</span> Cluster Site with Large Tract |   |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

**1 : 21,000**  
 1 inch = 0.331 miles  
 1 inch = 1750 feet  
 1 centimeter = 0.210 kilometers  
 1 centimeter = 210 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' 00" North  
 Second Standard Parallel: 45° 00' 00" North  
 Central Meridian: 96° 00' 00" West  
 Latitude of Origin: 39° 00' 00" North



# Summary Map - 0.5 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

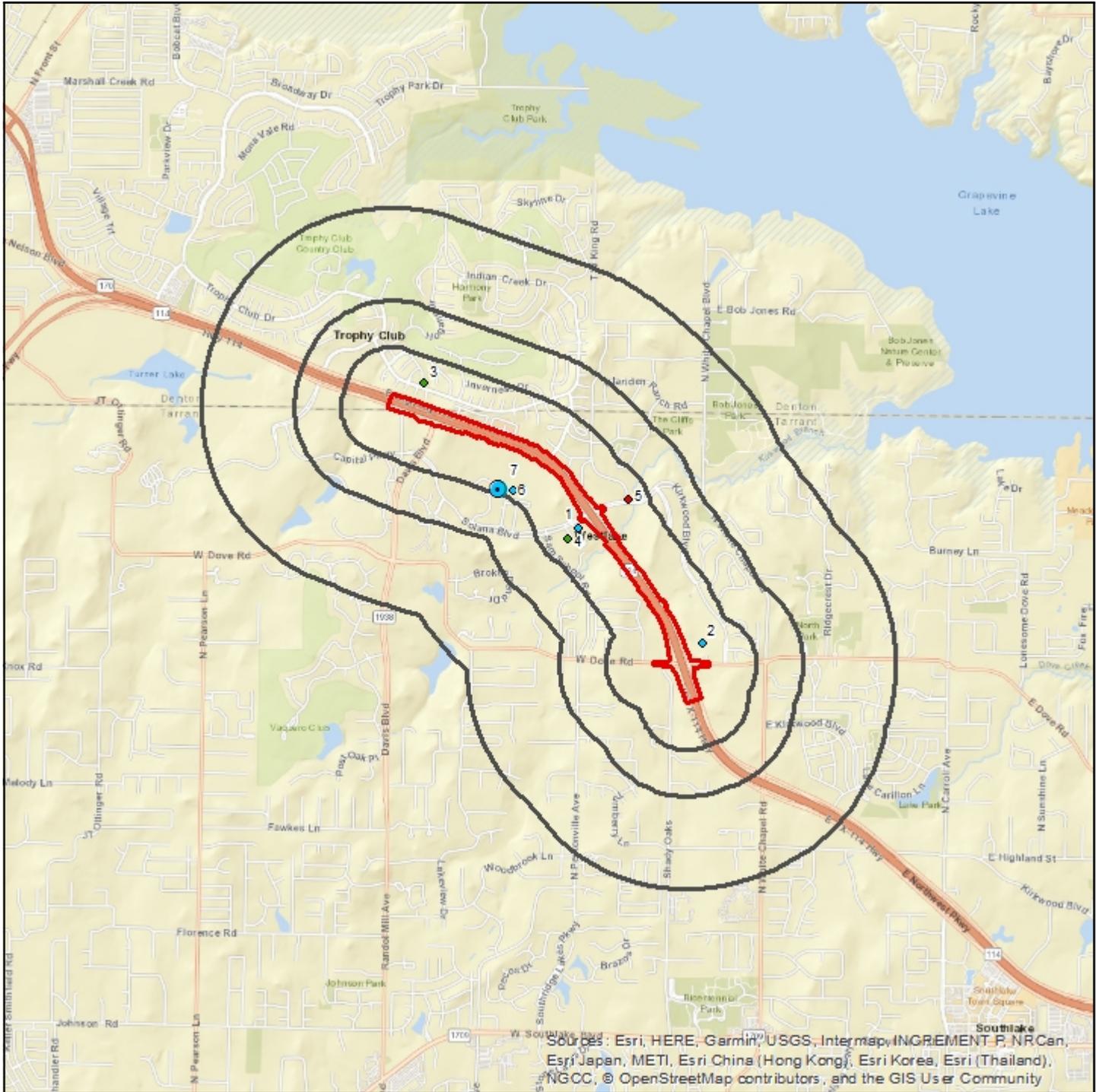
- |  |   |   |  |  |
|--|---|---|--|--|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="background-color: red; color: red;">■</span> Large Tract     | <span style="color: red;">●</span> Cluster Site with Large Tract   | <span style="border: 1px solid red; width: 20px; height: 10px; display: inline-block;"></span> Target Property |
| <span style="color: blue;">●</span> Single Site  | <span style="color: blue;">●</span> Cluster Site  | <span style="background-color: blue; color: blue;">■</span> Large Tract   | <span style="color: blue;">●</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; width: 20px; height: 10px; display: inline-block;"></span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="background-color: green; color: green;">■</span> Large Tract | <span style="color: green;">●</span> Cluster Site with Large Tract |  |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

**1 : 25,000**  
 1 inch = 0.395 miles  
 1 inch = 2083 feet  
 1 centimeter = 0.250 kilometers  
 1 centimeter = 250 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



# Summary Map - 1 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

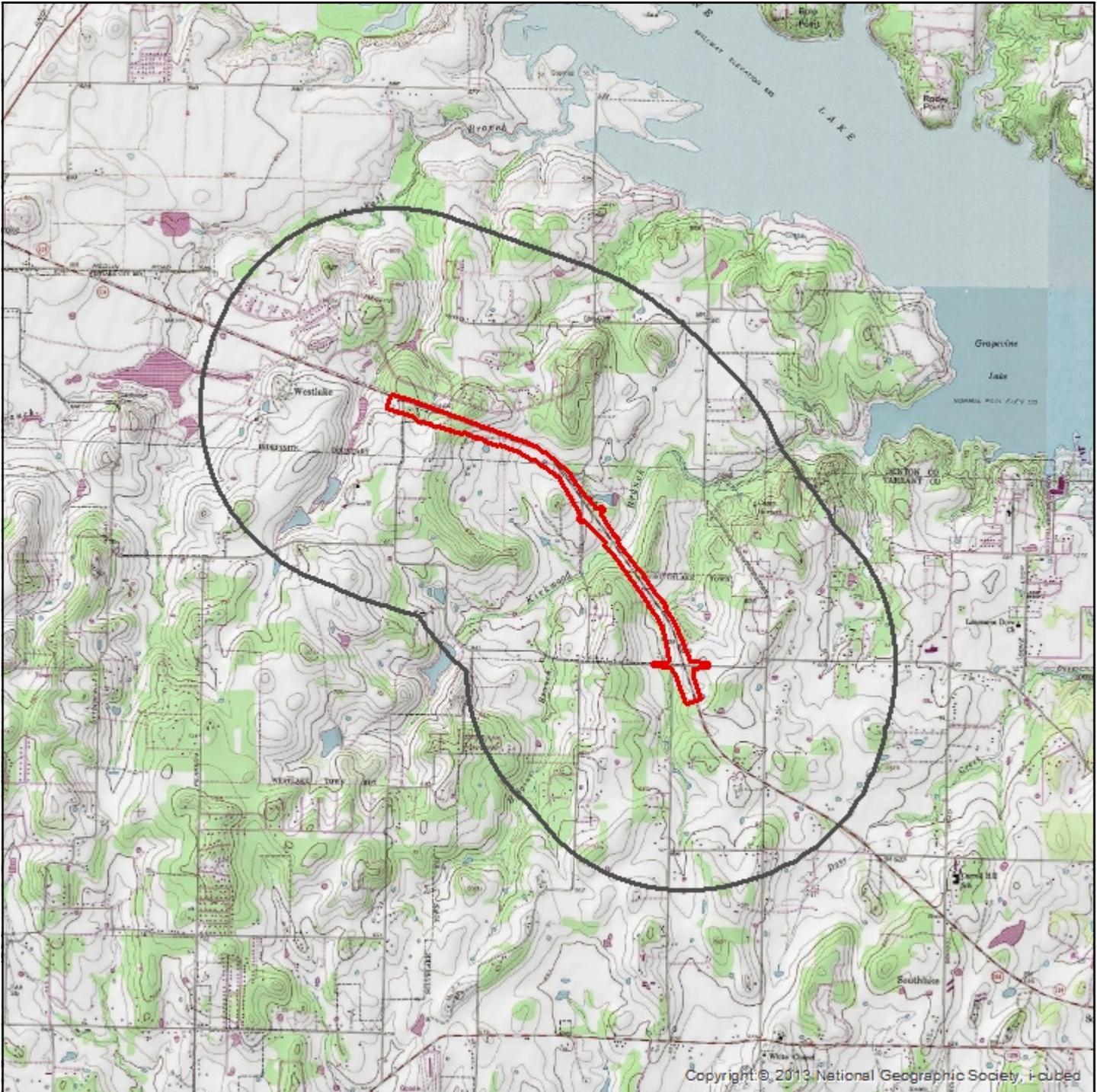
- |  |   |  |  |  |
|--|---|--|--|--|
| <span style="color: red;">●</span> Single Site   | <span style="color: red; font-size: 2em;">●</span> Cluster Site   | <span style="background-color: red; width: 15px; height: 15px; display: inline-block;"></span> Large Tract   | <span style="color: red; font-size: 2em;">●</span> Cluster Site with Large Tract   | <span style="border: 1px solid red; width: 15px; height: 15px; display: inline-block;"></span> Target Property |
| <span style="color: blue;">●</span> Single Site  | <span style="color: blue; font-size: 2em;">●</span> Cluster Site  | <span style="background-color: blue; width: 15px; height: 15px; display: inline-block;"></span> Large Tract  | <span style="color: blue; font-size: 2em;">●</span> Cluster Site with Large Tract  | <span style="border: 1px solid black; width: 15px; height: 15px; display: inline-block;"></span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green; font-size: 2em;">●</span> Cluster Site | <span style="background-color: green; width: 15px; height: 15px; display: inline-block;"></span> Large Tract | <span style="color: green; font-size: 2em;">●</span> Cluster Site with Large Tract |  |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

**1 : 35,000**  
 1 inch = 0.552 miles  
 1 inch = 2917 feet  
 1 centimeter = 0.350 kilometers  
 1 centimeter = 350 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



# Topographic Overlay Map - 1 Mile Buffer



Copyright © 2013 National Geographic Society, i-cubed

## SH 114

- Target Property
- Search Buffer

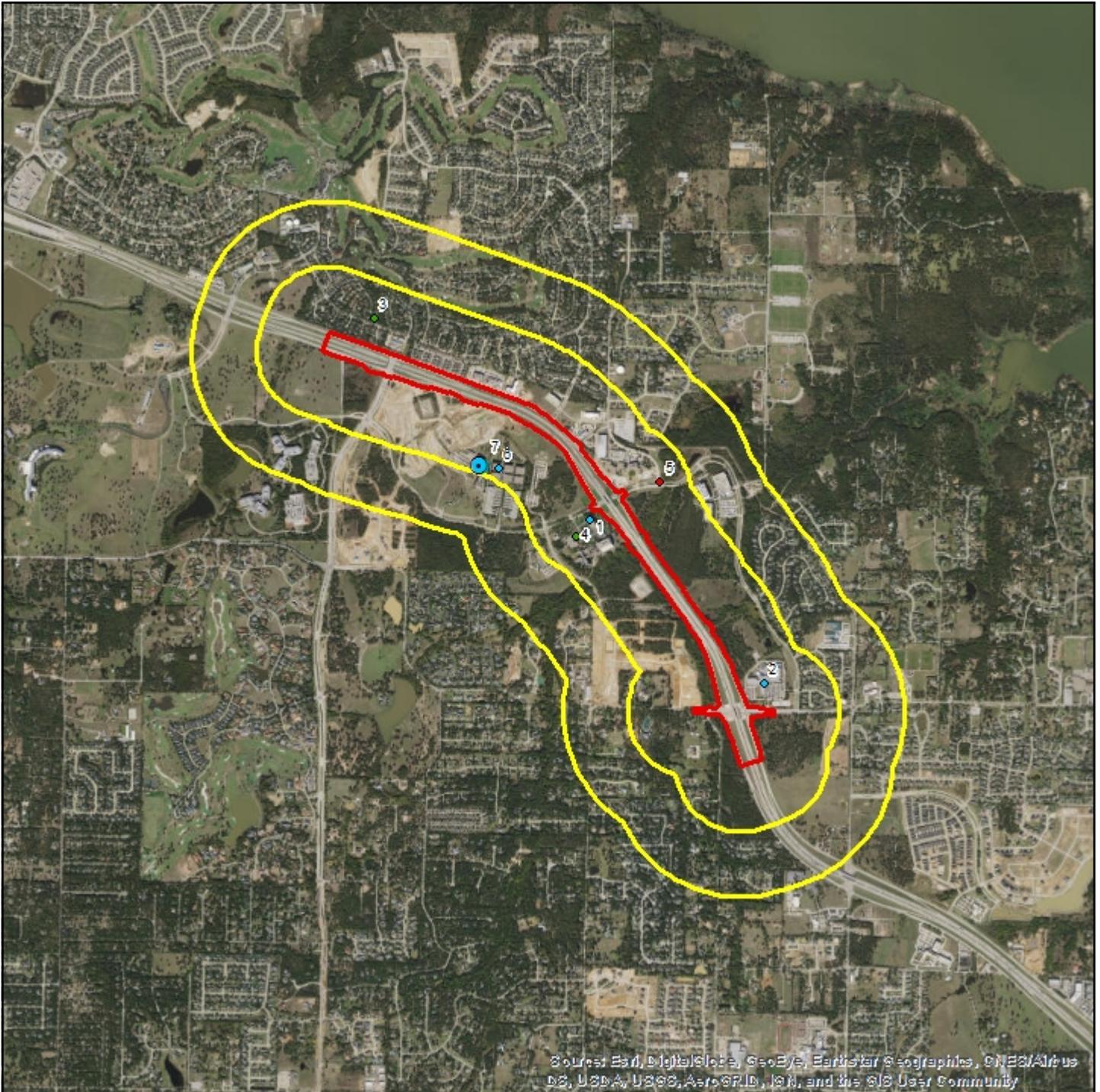
Target Property Quad Name(s)  
Colleyville (1982)

1 : 35,000  
1 inch = 0.552 miles  
1 inch = 2917 feet

Lambert Conformal Conic Projection  
1983 North American Datum  
First Standard Parallel: 33° 00' North  
Second Standard Parallel: 45° 00' North  
Central Meridian: 96° 00' West  
Latitude of Origin: 39° 00' North



# Current Imagery Overlay Map - 0.5 Mile Buffer



Sources: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

## SH 114

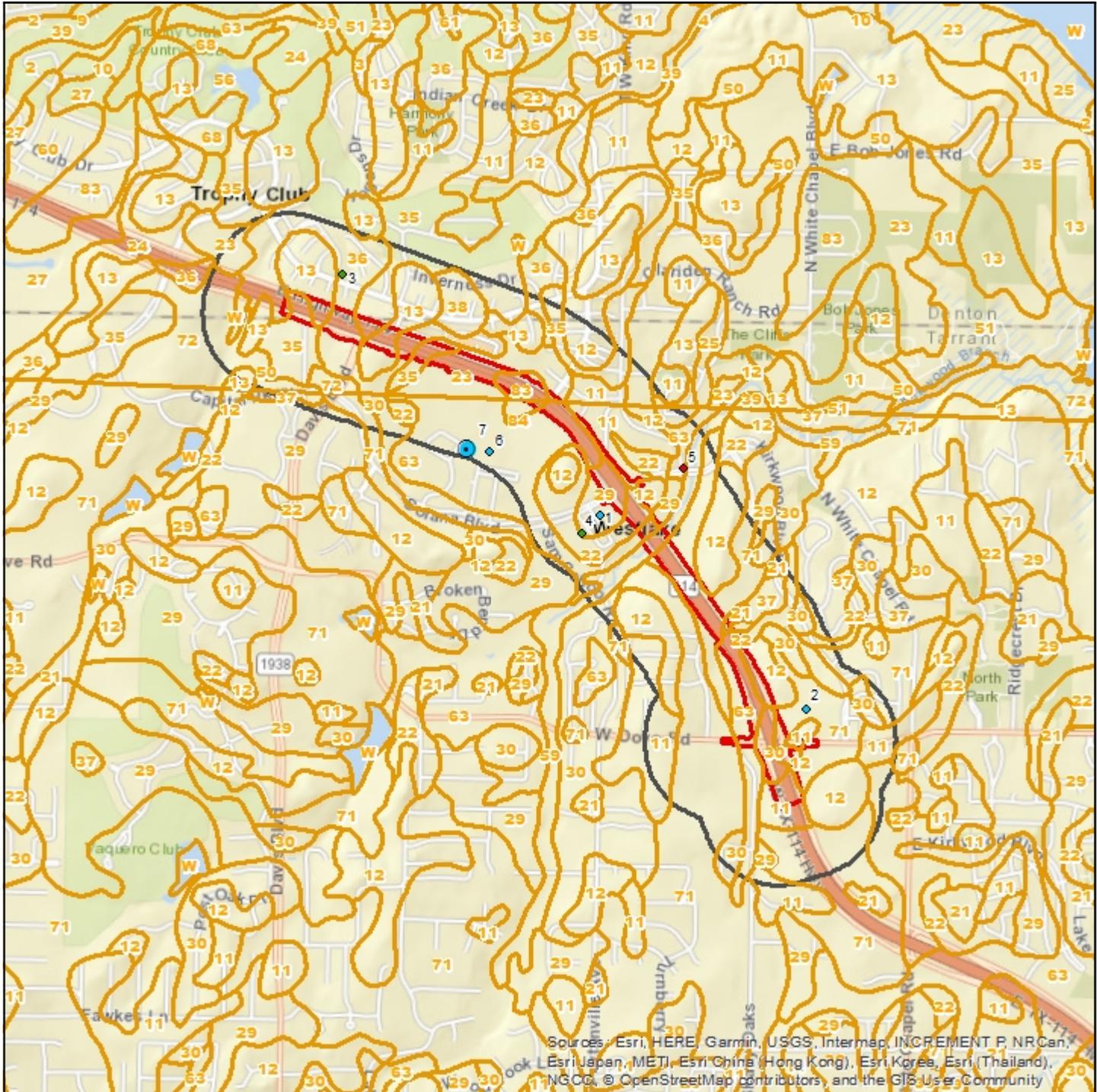
- |  |   |  |  |   |
|--|---|--|--|---|
| <span style="color: red;">●</span> Single Site   | <span style="color: red;">●</span> Cluster Site   | <span style="color: red;">■</span> Large Tract   | <span style="color: red;">●</span> Cluster Site with Large Tract   | <span style="border: 1px solid red; display: inline-block; width: 15px; height: 10px;"></span> Target Property  |
| <span style="color: blue;">●</span> Single Site  | <span style="color: blue;">●</span> Cluster Site  | <span style="color: blue;">■</span> Large Tract  | <span style="color: blue;">●</span> Cluster Site with Large Tract  | <span style="border: 1px solid yellow; display: inline-block; width: 15px; height: 10px;"></span> Search Buffer |
| <span style="color: green;">●</span> Single Site | <span style="color: green;">●</span> Cluster Site | <span style="color: green;">■</span> Large Tract | <span style="color: green;">●</span> Cluster Site with Large Tract |   |
- RCRA COR, RCRA TSD, CER, LPST, NPL, ST NPL, SWLF*  
*RCRA GEN, ST & FED BWN, ST & FED EC, ST & FED IC, DNPL, CER NFRAP, PST, VCP, ST CER*  
*ERNS, HW, RCRA, DRYC*

**1 : 25,000**  
 1 inch = 0.395 miles  
 1 inch = 2083 feet  
 1 centimeter = 0.250 kilometers  
 1 centimeter = 250 meters



Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' 00" North  
 Second Standard Parallel: 45° 00' 00" North  
 Central Meridian: 96° 00' 00" West  
 Latitude of Origin: 39° 00' 00" North

# Soil Survey Map - 0.25 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

- |             |              |             |                               |                 |
|-------------|--------------|-------------|-------------------------------|-----------------|
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | Target Property |
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | Search Buffer   |
| Single Site | Cluster Site | Large Tract | Cluster Site with Large Tract | Soils Boundary  |

1 : 21,000  
 1 inch = 0.331 miles  
 1 inch = 1750 feet  
 1 centimeter = 0.210 kilometers  
 1 centimeter = 210 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



## Soils

### Soils Types Found

Target Property	13, 36, 83, 71, 30, 29, 35, 35, 30, 12, 71, 23, 11, 12, 12, 63, 84, 63, 59, 13, 35, 11, 11, 21, 22, 12, 22, 29, 12
Within 0.25 miles of Target Property	13, 13, 13, 23, 23, 11, 50, 29, 11, 12, 12, 29, 22, 63, 84, 30, 63, 59, 12, 36, 13, 35, 13, 11, 72, 13, 36, 83, 71, 71, 30, 29, 29, 22, 29, 12, 37, 35, 35, W, 12, 38, 35, 30, 71, 12, 11, 71, 21, 71, 71, 71, 37, 23, 13, 35, 72, 11, 30, 11, 63, 21, 22, 22, 71, 30, 12, 22, 29, 11, 30, 12, 12, 30, 30, 11, 29, 12

### Soil Type Descriptions

#### 11 - Birome fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	81 cm

#### Birome (100 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	15 cm	A-2-4, A-4	CL-ML, ML, SC-SM, SM
H2	Clay	15 cm	81 cm	A-6, A-7-6	CH, CL
H3	Bedrock	81 cm	152 cm		

#### 11 - Birome fine sandy loam, 1 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	89 cm

#### Birome (100 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	23 cm	A-2-4, A-4	CL-ML, ML, SC-SM, SM
H2	Clay	23 cm	38 cm	A-6, A-7-6	CH, CL
H3	Clay loam	38 cm	89 cm	A-6, A-7-6	CL, GC, SC
H4	Bedrock	89 cm	127 cm		

#### 12 - Birome-Aubrey-Rayex complex, 5 to 15 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	36 cm

#### Birome (35 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Gravelly fine sandy loam	0 cm	20 cm	A-1, A-2-4, A-4	GM, SC-SM, SM
H2	Clay	20 cm	69 cm	A-6, A-7-6	CH, CL
H3	Bedrock	69 cm	119 cm		

#### Aubrey (30 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

## Soils

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	13 cm	A-2-4, A-4	ML, SM
H2	Clay	13 cm	91 cm	A-7-6	CH, CL
H3	Bedrock	91 cm	142 cm		

## Unnamed (20 percent)

## Rayex (15 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Gravelly fine sandy loam	0 cm	13 cm	A-1, A-2-4	GC-GM, GM, SC-SM, SM
H2	Clay loam	13 cm	36 cm	A-6, A-7-6	CL, SC
H3	Bedrock	36 cm	102 cm		

## 12 - Birome fine sandy loam, 3 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	86 cm

## Birome (100 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	15 cm	A-2-4, A-4	CL-ML, ML, SC-SM, SM
H2	Clay	15 cm	69 cm	A-6, A-7-6	CH, CL
H3	Sandy clay	69 cm	86 cm	A-6, A-7-6	CL, GC, SC
H4	Bedrock	86 cm	152 cm		

## 13 - Birome-Rayex-Aubrey complex, 2 to 15 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	38 cm

## Birome (33 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Stony fine sandy loam	0 cm	20 cm	A-2-4, A-4	CL-ML, ML, SC-SM, SM
H2	Clay	20 cm	79 cm	A-6, A-7-6	CH, CL
H3	Bedrock	79 cm	152 cm		

## Rayex (32 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	25 to 51 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Stony fine sandy loam	0 cm	18 cm	A-2-4, A-4	CL-ML, SC, SC-SM, SM
H2	Clay	18 cm	38 cm	A-6, A-7-6	CL
H3	Bedrock	38 cm	51 cm		

## Soils

## Aubrey (29 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Stony fine sandy loam	0 cm	20 cm	A-2-4, A-4	CL-ML, ML, SC-SM, SM
H2	Clay	20 cm	66 cm	A-7-6	CH, CL
H3	Bedrock	66 cm	168 cm		

## Unnamed (6 percent)

## 21 - Crosstell fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	122 cm

## Crosstell (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Densic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	18 cm	A-2-4, A-4	SC, SC-SM, SM
Bt1	Clay	18 cm	69 cm	A-7-6	CH, CL
Bt2	Clay	69 cm	122 cm	A-7-6	CH, CL
Cd	Clay	122 cm	203 cm	A-7-6	CH, CL

## Gasil (8 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

## Birome (7 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

## 22 - Crosstell fine sandy loam, 3 to 8 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	130 cm

## Crosstell (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	102 to 152 cm to Densic bedrock

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	13 cm	A-2-4, A-4	SC, SC-SM, SM
BCt	Clay	104 cm	130 cm	A-7-6	CH, CL
Bt	Clay	13 cm	104 cm	A-7-6	CH, CL
Cd	Clay	130 cm	203 cm	A-7-6	CH, CL

## Soils

## Gasil (7 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

## Birome (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

## Aubrey (3 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Densic bedrock

## 23 - Callisburg fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Callisburg (100 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	13 cm	A-4	CL, ML, SC, SC-SM, SM
H2	Sandy clay	13 cm	142 cm	A-6, A-7-6	CL, SC
H3	Sandy clay	142 cm	203 cm	A-6, A-7-6	CL

## 29 - Gasil fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Gasil (85 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	18 cm	A-2-4, A-4	CL, SC-SM, SM
Bt	Sandy clay loam	33 cm	203 cm	A-4, A-6	CL, SC-SM
E	Fine sandy loam	18 cm	33 cm	A-2-4, A-4	CL, SC-SM, SM

## Callisburg (10 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

## Birome (5 percent)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	51 to 102 cm to Paralithic bedrock

## Soils

### 30 - Gasil fine sandy loam, 3 to 8 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

#### Gasil (85 percent)

Hydrologic Group Moderately low runoff potential

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel Moderate

Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	20 cm	A-2-4, A-4	CL, SC-SM, SM
Bt	Sandy clay loam	43 cm	203 cm	A-4, A-6	CL, SC, SC-SM
E	Fine sandy loam	20 cm	43 cm	A-2-4, A-4	CL, SC, SC-SM, SM

#### Crosstell (8 percent)

Hydrologic Group

Soil Drainage Class Moderately well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature

#### Birome (5 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature 50 to 102 cm to Paralithic bedrock

#### Heaton (2 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature

### 35 - Gasil fine sandy loam, 1 to 3 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

#### Gasil (85 percent)

Hydrologic Group Moderately low runoff potential

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel Moderate

Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	18 cm	A-2-4, A-4	CL, SC-SM, SM
Bt	Sandy clay loam	33 cm	203 cm	A-4, A-6	CL, SC-SM
E	Fine sandy loam	18 cm	33 cm	A-2-4, A-4	CL, SC-SM, SM

#### Callisburg (10 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature

#### Birome (5 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature 51 to 102 cm to Paralithic bedrock

## Soils

## 36 - Gasil fine sandy loam, 3 to 8 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

## Gasil (85 percent)

Hydrologic Group Moderately low runoff potential

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel Moderate

Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Fine sandy loam	0 cm	20 cm	A-2-4, A-4	CL, SC-SM, SM
Bt	Sandy clay loam	43 cm	203 cm	A-4, A-6	CL, SC, SC-SM
E	Fine sandy loam	20 cm	43 cm	A-2-4, A-4	CL, SC, SC-SM, SM

## Crosstell (8 percent)

Hydrologic Group

Soil Drainage Class Moderately well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature

## Birome (5 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature 50 to 102 cm to Paralithic bedrock

## Heaton (2 percent)

Hydrologic Group

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel

Depth to Restrictive Feature

## 37 - Konsil fine sandy loam, 1 to 5 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

## Konsil (100 percent)

Hydrologic Group Moderately low runoff potential

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel Moderate

Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	23 cm	A-4	CL, ML, SC, SM
H2	Sandy clay loam	23 cm	107 cm	A-6	CL, SC
H3	Variable	107 cm	191 cm		

## 38 - Gasil and Konsil soils, 1 to 5 percent slopes

Percent Hydric 0

Minimum Depth to Bedrock

## Gasil (50 percent)

Hydrologic Group Moderately low runoff potential

Soil Drainage Class Well drained

Corrosion Potential - Uncoated Steel Moderate

Depth to Restrictive Feature

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy clay loam	0 cm	25 cm	A-4	CL, ML, SC, SC-SM, SM
H2	Sandy clay loam	25 cm	152 cm	A-4, A-6	CL, CL-ML, SC, SC-SM

## Soils

## Konsil (40 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Sandy clay loam	0 cm	23 cm	A-4	CL, ML, SC, SM
H2	Sandy clay loam	23 cm	152 cm	A-6	CL, SC
H3	Variable	152 cm	203 cm		

## Unnamed (10 percent)

## 50 - Konsil fine sandy loam, 1 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Konsil (100 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	30 cm	A-4	CL, ML, SC, SM
H2	Sandy clay loam	30 cm	168 cm	A-6	CL, SC

## 59 - Pulexas fine sandy loam, frequently flooded

Percent Hydric	0
Minimum Depth to Bedrock	

## Pulexas (100 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Low
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	25 cm	A-4	ML, SM
H2	Fine sandy loam	25 cm	173 cm	A-4	CL, CL-ML, ML, SC, SM

## 63 - Rader fine sandy loam, 0 to 3 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Rader (100 percent)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Fine sandy loam	0 cm	25 cm	A-2-4, A-4	CL-ML, ML, SC, SM
H2	Fine sandy loam	25 cm	46 cm	A-2-4, A-4	CL-ML, ML, SC, SM
H3	Sandy clay loam	46 cm	69 cm	A-6	CL, SC
H4	Sandy clay	69 cm	160 cm	A-6, A-7-6	CH, CL
H5	Sandy clay loam	160 cm	175 cm	A-6, A-7-6	CH, CL, SC

## 71 - Silstid loamy fine sand, 1 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Soils

## Silstid (100 percent)

Hydrologic Group	Moderately low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loamy fine sand	0 cm	25 cm	A-2-4, A-3	SM, SP-SM
H2	Loamy fine sand	25 cm	69 cm	A-2-4, A-3	SM, SP-SM
H3	Sandy clay loam	69 cm	170 cm	A-2-4, A-2-6, A-4, A-6	CL, CL-ML, SC, SC-SM
H4	Fine sandy loam	170 cm	188 cm	A-2-4, A-2-6, A-4, A-6	CL, CL-ML, SC, SC-SM

## 72 - Silstid loamy fine sand, 1 to 5 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Silstid (100 percent)

Hydrologic Group	Low runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	Moderate
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Loamy fine sand	0 cm	76 cm	A-2-4, A-3	SM, SP-SM
H2	Loamy fine sand	76 cm	183 cm	A-2-4, A-3	SM, SP-SM
H3	Sandy clay loam	183 cm	203 cm	A-2-4, A-2-6, A-4, A-6	CL, CL-ML, SC, SC-SM

## 83 - Wilson clay loam, 0 to 1 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Wilson (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	19 cm	A-6	CL
Btkss	Clay	79 cm	91 cm	A-7-6	CH
Btkssyg	Clay	91 cm	107 cm	A-7-6	CH
Btkyg	Clay loam	107 cm	203 cm	A-7-6	CH
Btss	Clay	19 cm	79 cm	A-7-6	CH

## Burleson (10 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

## Crockett (5 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	109 to 152 cm to Densic bedrock

## 84 - Wilson clay loam, 0 to 2 percent slopes

Percent Hydric	0
Minimum Depth to Bedrock	

## Soils

### Wilson (85 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
Ap	Clay loam	0 cm	19 cm	A-6	CL
Btkss	Clay	79 cm	91 cm	A-7-6	CH
Btkssyg	Clay	91 cm	107 cm	A-7-6	CH
Btkyg	Clay loam	107 cm	203 cm	A-7-6	CH
Btss	Clay	19 cm	79 cm	A-7-6	CH

### Burleson (10 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

### Crockett (5 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	Moderately well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	109 to 152 cm to Densic bedrock

### W - Water

Percent Hydric	0
Minimum Depth to Bedrock	

### Water (100 percent)

Hydrologic Group	High runoff potential
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

## Soils Descriptions

### AASHTO Classification Definitions

A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), some fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

### Unified Classification Definitions

CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

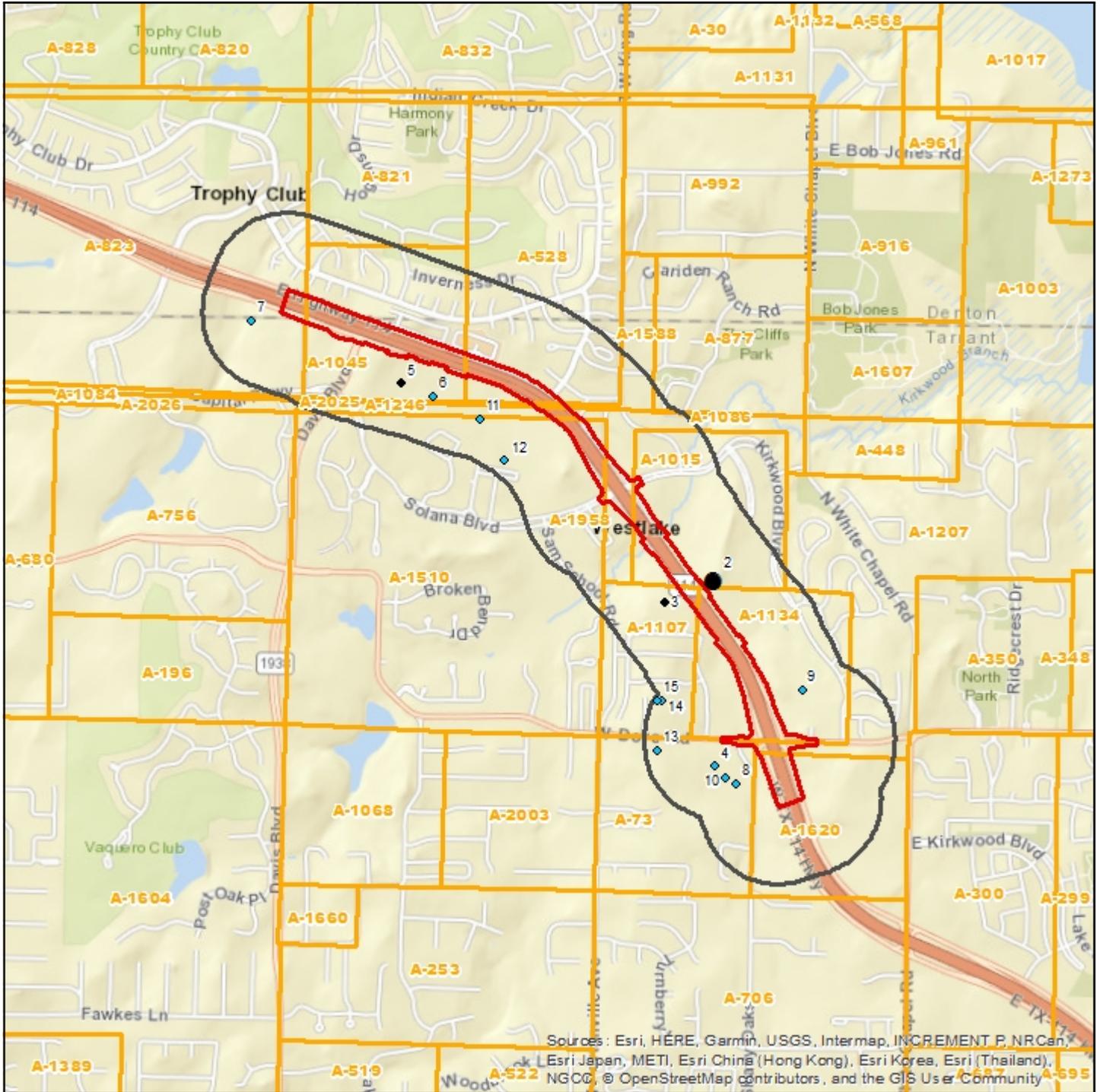
### Source

Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

### Disclaimer

This Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) and the Soil Survey Geographic Database (SSURGO). All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.

# Water & Oil/Gas Wells Map - 0.25 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

- ◆ Single Water Well
- Water Well Cluster
- Single Oil/Gas/Other Well
- Oil/Gas/Other Well Cluster
- ◆ Water/Oil/Gas/Other Well Cluster
- Target Property
- Search Buffer
- Texas Land Survey

1 : 21,000  
 1 inch = 0.331 miles  
 1 inch = 1750 feet  
 1 centimeter = 0.210 kilometers  
 1 centimeter = 210 meters



Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North

## Water & Oil/Gas Wells

Map ID	Well ID	Owner	Well Type	Elevation
1	4243934386		Horz. Drainhole	613 ft
2	4243934387		Horz. Drainhole	620 ft
2	4243934388		Horz. Drainhole	620 ft
3	4243935726	O.G.P. OPERATING INC.	Horz. Drainhole	633 ft
4	478993	Ken Ross	Water: Irrigation	622 ft
5	4243934411	O.G.P. OPERATING INC.	Horz. Drainhole	651 ft
6	424647	MaGuire Partners-Solana Land LP	Water: Stock	631 ft
7	32-07-203	Circle T Ranch Well No.2	Water: De-watering	638 ft
8	245037	SYED JAMAL	Water: Irrigation	614 ft
9	32-07-301	B and D Mills Inc	Water: Domestic	627 ft
10	74034	STEPHEN OREN	Water: Irrigation	617 ft
11	105010	David R. Jackson	Water: Domestic	616 ft
12	21876	HANK KLEESPIES	Water: Irrigation	602 ft
13	430579	Larry Evans	Water: Irrigation	662 ft
14	402734	Jermaine O'Neal	Water: Irrigation	666 ft
15	352557	RICHARD SMITH	Water: Irrigation	667 ft

### Source

U.S. Geological Survey, Texas Water Development Board (GW and Submitted Driller's Report), Texas Commission of Environmental Quality (PWS), Railroad Commission of Texas (Production Data)

### Disclaimer

This well scan from Banks Environmental Data, Inc. has included a digital search of state and federal wells currently digitized in our geospatial database. Since this scan includes only well data that is currently mapped in our geospatial database, more wells could exist within the search area. For a complete well search or to locate more details, please contact Banks to obtain a full Water Well Report or Oil & Gas Well/Pipeline Search Report. More detailed individual well records can also be obtained from Banks for an additional cost, please reference a Well ID # from this well scan.

All well locations are based on information obtained from state and federal sources. Although Banks performs quality assurance and quality control on all data, inaccuracies of the records and mapped locations could possibly be traced to the specific regulatory authority or individual well driller. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the data or well location(s) of the maps and records maintained by the state and federal agencies.

## Mapped Sites Summary

Database	Distance from Target Property	Map ID	Facility Site Name	Facility Site Address	Site Details Page #
----------	-------------------------------	--------	--------------------	-----------------------	---------------------

\*Sites are sorted by database tier, database, and distance from the target site.

LPST	0.14 miles E	5	STOP N GO 0209	HWY 114 PEYTONVILLE, ROANOKE, TX 76262	<a href="#">26</a>
PST	0.04 miles S	1	WELLS FARGO WESTLAKE PHONE BANK	9 VILLAGE CIR, WESTLAKE, TX 76262	<a href="#">27</a>
PST	0.09 miles N	2	VERIZON WIRELESS SOUTHLAKE NEC DATA CENTER	500 W DOVE RD, SOUTHLAKE, TX 76092	<a href="#">28</a>
PST	0.2 miles SW	6	VERIZON WIRELESS MTCE LAB	1600 SOLONA BLVD BLDG 8, WESTLAKE, TX 76262	<a href="#">30</a>
PST	0.22 miles SW	7	DALLAS TECHNOLOGY CENTER	8 CAMPUS CIR STE 300, WESTLAKE, TX 76262	<a href="#">31</a>
PST	0.22 miles SW	7	WESTLAKE DATA CENTER	8 CAMPUS CIR, WESTLAKE, TX 76262	<a href="#">32</a>
RCRA	0.11 miles NE	3	CADIT CO	1 CYPRESS CT, ROANOKE, TX 76262	<a href="#">33</a>
DRYC	0.12 miles SW	4	TOWN & COUNTRY CLEANERS	3 VILLAGE CIR STE 110, WESTLAKE, TX 76262	<a href="#">35</a>

**End of Mapped Sites Summary Section**



## Unmapped Sites Summary

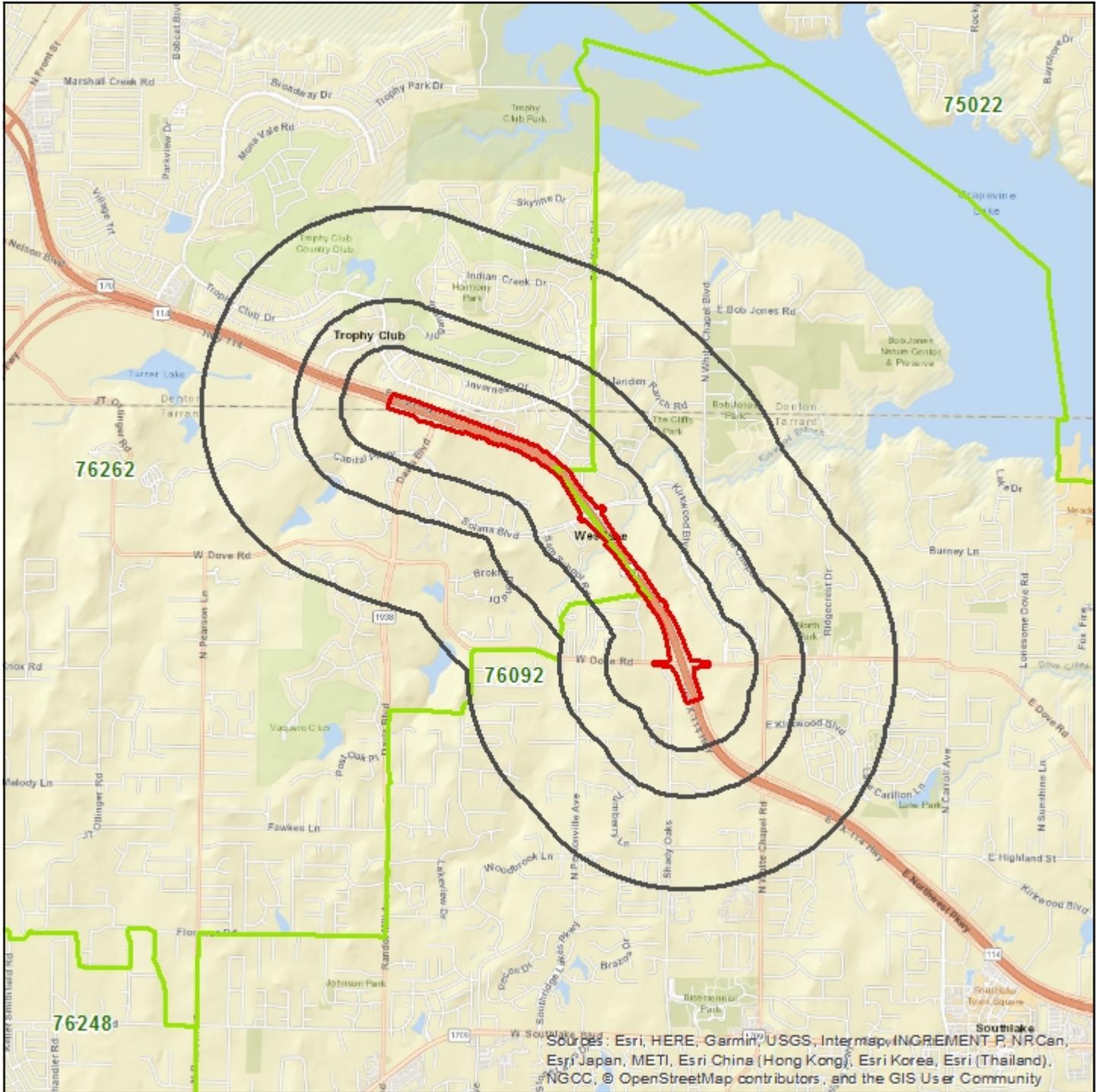
Database	Facility Site Name	Facility Site Address	Site Details Page #
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\*Sites are sorted by database tier and database.

ERNS		1.5 MILES EAST OF ROANOKE ON HIGHWAY 114, DENTON COUNTY TX., TX	<a href="#">36</a>
SWLF	Carlo J Farina	N of Hwy 114 in Southlake, W Beach addition Blk 2 Lot 27-32, TX	<a href="#">37</a>
HW	JERRYS WASTE OIL	DOVE RD, ROANOKE, TX 76262	<a href="#">38</a>
HW	JERRYS WASTE OIL	Dove Rd, Roanoke, TX 76262	<a href="#">39</a>

**End of Unmapped Sites Summary Section**

# Zip Code Map - 1 Mile Buffer



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

## SH 114

- Target Property
- Search Buffer
- Zip Code Boundary

1 : 35,000  
 1 inch = 0.552 miles  
 1 inch = 2917 feet  
 1 centimeter = 0.350 kilometers  
 1 centimeter = 350 meters

Lambert Conformal Conic Projection  
 1983 North American Datum  
 First Standard Parallel: 33° 00' North  
 Second Standard Parallel: 45° 00' North  
 Central Meridian: 96° 00' West  
 Latitude of Origin: 39° 00' North



**MapID 5: LPST - HWY 114 PEYTONVILLE****LPST - State/Tribal Leaking Storage Tank**

<b>Map ID #5</b>	<b>LPST - State/Tribal Leaking Storage Tank</b>			<b>Source: TCEQ</b>
<b>LPST ID: 091237</b>	<b>Facility ID: 0039337</b>			<b>Banks ID: 091237</b>
STOP N GO 0209				Rel. Loc.: 0.14 miles E
HWY 114 PEYTONVILLE, ROANOKE, TX 76262				Elevation: 569.33 feet (+569.33)
<b>Status:</b>	6A-Final concurrence issued, case close			
<b>Leak Discovery Date:</b>	2/3/1987			
<b>Damage Description:</b>	gw impact, pub/dom water supply well w/in .25 - .5mi			
<b>Leak Closure Date:</b>	11/4/2000			
<b>Owner Contact Name:</b>	NATIONAL CONVENIENCE STORES			
<b>Facility Information from Related UST</b>				
<b>Facility Contact Name:</b>				
<b>Facility Contact Phone:</b>				
<b>Facility Status:</b>	INACTIVE			
<b>Facility Type:</b>	FLEET REFUELING			
<b>Number of ASTs:</b>	0			
<b>Number of USTs:</b>	0			
<b>Tank #:</b>	<b>#1</b>	<b>#2</b>	<b>#3</b>	
<b>Status:</b>	REMOVED FROM GROUND	REMOVED FROM GROUND	REMOVED FROM GROUND	
<b>Status Date:</b>	11/16/1992	11/16/1992	11/16/1992	
<b>Capacity:</b>	10000	10000	10000	
<b>Install Date:</b>	1/1/1983	1/1/1983	1/1/1983	
<b>Above or Below Ground Tank:</b>	below	below	below	
<b>Unit ID:</b>				
<b>Construction Material:</b>				
<b>Piping Type:</b>				
<b>Piping Material:</b>	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	FRP (fiberglass-reinforced plastic)	
<b>Tank Contents:</b>				
<b>Tank Release Vapor Monitor Status Stage 1:</b>				
<b>Corrosion Protection:</b>				
<b>Piping Corrosion Protection:</b>				

**End of LPST Sites Section**

**MapID 1: PST - 9 VILLAGE CIR****PST - State/Tribal Storage Tank**

<b>Map ID #1</b>	<b>PST - State/Tribal Storage Tank</b>	<b>Source: TCEQ</b>
<b>Facility #: 0086261</b>	<b>TCEQ Customer ID: 131387</b>	<b>Banks ID: 0086261</b>
WELLS FARGO WESTLAKE PHONE BANK		Rel. Loc.: 0.04 miles S
9 VILLAGE CIR, WESTLAKE, TX 76262		Elevation: 605.23 feet (+605.23)
<b>Facility Contact Name:</b>	MIKE WILBUR	
<b>Facility Contact Phone:</b>	9403957659	
<b>Facility Status:</b>	ACTIVE	
<b>Facility Type:</b>	EMERGENCY GENERATOR	
<b>Number of ASTs:</b>	1	
<b>Number of USTs:</b>		
<b>Tank #:</b>	<b>#1</b>	
<b>Status:</b>		
<b>Status Date:</b>	1/17/2012	
<b>Capacity:</b>	1500	
<b>Install Date:</b>	1/17/2012	
<b>Above or Below Ground Tank:</b>	above	
<b>Unit ID:</b>	218837	
<b>Construction Material:</b>		
<b>Piping Type:</b>		
<b>Piping Material:</b>		
<b>Tank Contents:</b>	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>		
<b>Corrosion Protection:</b>		
<b>Piping Corrosion Protection:</b>		

## MapID 2: PST - 500 W DOVE RD

<b>Map ID #2</b>	<b>PST - State/Tribal Storage Tank</b>			<b>Source: TCEQ</b>
<b>Facility #: 0075541</b>	<b>TCEQ Customer ID: 115739</b>			<b>Banks ID: 0075541</b>
VERIZON WIRELESS SOUTHLAKE NEC DATA CENTER				Rel. Loc.: 0.09 miles N
500 W DOVE RD, SOUTHLAKE, TX 76092				Elevation: 636.5 feet (+636.5)
<b>Facility Contact Name:</b>	DAN ADAMS			
<b>Facility Contact Phone:</b>	6828313101			
<b>Facility Status:</b>	ACTIVE			
<b>Facility Type:</b>	FLEET REFUELING			
<b>Number of ASTs:</b>	15			
<b>Number of USTs:</b>	0			
<b>Tank #:</b>	<b>#007</b>	<b>#008</b>	<b>#1</b>	
<b>Status:</b>				
<b>Status Date:</b>	5/1/2009	5/1/2009	5/31/2002	
<b>Capacity:</b>	5000	5000	5000	
<b>Install Date:</b>	5/1/2009	5/1/2009	5/31/2002	
<b>Above or Below Ground Tank:</b>	above	above	above	
<b>Unit ID:</b>	213462	213463	200908	
<b>Construction Material:</b>	Steel	Steel	Steel	
<b>Piping Type:</b>				
<b>Piping Material:</b>				
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>	EXEMPT BY TCEQ RULE			
<b>Corrosion Protection:</b>				
<b>Piping Corrosion Protection:</b>				
<b>Tank #:</b>	<b>#15</b>	<b>#2</b>	<b>#2338</b>	
<b>Status:</b>				
<b>Status Date:</b>	1/10/2014	5/31/2002	1/27/2013	
<b>Capacity:</b>	5200	5000	6500	
<b>Install Date:</b>	1/10/2014	5/31/2002	1/27/2013	
<b>Above or Below Ground Tank:</b>	above	above	above	
<b>Unit ID:</b>	219267	200909	218160	
<b>Construction Material:</b>		Steel	Steel	
<b>Piping Type:</b>				
<b>Piping Material:</b>				
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>	EXEMPT BY TCEQ RULE			
<b>Corrosion Protection:</b>				
<b>Piping Corrosion Protection:</b>				
<b>Tank #:</b>	<b>#2339</b>	<b>#2340</b>	<b>#2341</b>	
<b>Status:</b>				
<b>Status Date:</b>	1/27/2013	1/27/2013	1/20/2013	
<b>Capacity:</b>	6500	6500	6500	
<b>Install Date:</b>	1/27/2013	1/27/2013	1/20/2013	
<b>Above or Below Ground Tank:</b>	above	above	above	
<b>Unit ID:</b>	218161	218162	218163	
<b>Construction Material:</b>	Steel	Steel	Steel	
<b>Piping Type:</b>				
<b>Piping Material:</b>				
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>				
<b>Corrosion Protection:</b>				
<b>Piping Corrosion Protection:</b>				
<b>Tank #:</b>	<b>#2342</b>	<b>#2343</b>	<b>#3</b>	
<b>Status:</b>				
<b>Status Date:</b>	1/20/2013	1/20/2013	5/31/2002	
<b>Capacity:</b>	6500	6500	5000	
<b>Install Date:</b>	1/20/2013	1/20/2013	5/31/2002	

## MapID 2: PST - 500 W DOVE RD

Continued from Previous Page

<b>Above or Below Ground Tank:</b>	above	above	above
<b>Unit ID:</b>	218164	218165	200910
<b>Construction Material:</b>	Steel	Steel	Steel
<b>Piping Type:</b>			
<b>Piping Material:</b>			
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL
<b>Tank Release Vapor Monitor Status Stage 1:</b>			EXEMPT BY TCEQ RULE
<b>Corrosion Protection:</b>			
<b>Piping Corrosion Protection:</b>			
<b>Tank #:</b>	#4	#5	#6
<b>Status:</b>			
<b>Status Date:</b>	5/31/2002	12/15/2006	12/15/2006
<b>Capacity:</b>	5000	5000	5000
<b>Install Date:</b>	5/31/2002	12/15/2006	12/15/2006
<b>Above or Below Ground Tank:</b>	above	above	above
<b>Unit ID:</b>	200911	207671	207672
<b>Construction Material:</b>	Steel	Steel	Steel
<b>Piping Type:</b>			
<b>Piping Material:</b>			
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL
<b>Tank Release Vapor Monitor Status Stage 1:</b>	EXEMPT BY TCEQ RULE		
<b>Corrosion Protection:</b>			
<b>Piping Corrosion Protection:</b>			

**MapID 6: PST - 1600 SOLONA BLVD BLDG 8**

<b>Map ID #6</b>	<b>PST - State/Tribal Storage Tank</b>	<b>Source: TCEQ</b>
<b>Facility #: 0070004</b>	<b>TCEQ Customer ID: 106352</b>	<b>Banks ID: 0070004</b>
VERIZON WIRELESS MTCE LAB		Rel. Loc.: 0.2 miles SW
1600 SOLONA BLVD BLDG 8, WESTLAKE, TX 76262		Elevation: 609.87 feet (+609.87)
<b>Facility Contact Name:</b>	WADE BRAZEAL	
<b>Facility Contact Phone:</b>	8176936894	
<b>Facility Status:</b>	ACTIVE	
<b>Facility Type:</b>	EMERGENCY GENERATOR	
<b>Number of ASTs:</b>	1	
<b>Number of USTs:</b>	0	
<b>Tank #:</b>	<b>#1</b>	
<b>Status:</b>		
<b>Status Date:</b>	1/1/2012	
<b>Capacity:</b>	7890	
<b>Install Date:</b>	3/3/1997	
<b>Above or Below Ground Tank:</b>	above	
<b>Unit ID:</b>	184536	
<b>Construction Material:</b>	Steel	
<b>Piping Type:</b>		
<b>Piping Material:</b>		
<b>Tank Contents:</b>	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>		
<b>Corrosion Protection:</b>		
<b>Piping Corrosion Protection:</b>		

**MapID 7: PST - 8 CAMPUS CIR STE 300**

<b>Map ID #7</b>	<b>PST - State/Tribal Storage Tank</b>		<b>Source: TCEQ</b>
<b>Facility #: 0082602</b>	<b>TCEQ Customer ID: 126849</b>		<b>Banks ID: 0082602</b>
DALLAS TECHNOLOGY CENTER			Rel. Loc.: 0.22 miles SW
8 CAMPUS CIR STE 300, WESTLAKE, TX 76262			Elevation: 618.14 feet (+618.14)
<b>Facility Contact Name:</b>	LEE PROPST		
<b>Facility Contact Phone:</b>	8176993353		
<b>Facility Status:</b>	ACTIVE		
<b>Facility Type:</b>			
<b>Number of ASTs:</b>	6		
<b>Number of USTs:</b>	0		
<b>Tank #:</b>	<b>#1</b>	<b>#2</b>	<b>#A</b>
<b>Status:</b>			
<b>Status Date:</b>	4/16/2007	4/16/2007	4/16/2007
<b>Capacity:</b>	8000	8000	3000
<b>Install Date:</b>	4/16/2007	4/16/2007	4/16/2007
<b>Above or Below Ground Tank:</b>	above	above	above
<b>Unit ID:</b>	213589	213590	213591
<b>Construction Material:</b>	Steel	Steel	Steel
<b>Piping Type:</b>			
<b>Piping Material:</b>			
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL
<b>Tank Release Vapor Monitor Status Stage 1:</b>			
<b>Corrosion Protection:</b>			
<b>Piping Corrosion Protection:</b>			
<b>Tank #:</b>	<b>#B</b>	<b>#C</b>	<b>#D</b>
<b>Status:</b>			
<b>Status Date:</b>	4/16/2007	4/16/2007	4/16/2007
<b>Capacity:</b>	3000	3000	3000
<b>Install Date:</b>	4/16/2007	4/16/2007	4/16/2007
<b>Above or Below Ground Tank:</b>	above	above	above
<b>Unit ID:</b>	213592	213593	213594
<b>Construction Material:</b>	Steel	Steel	Steel
<b>Piping Type:</b>			
<b>Piping Material:</b>			
<b>Tank Contents:</b>	DIESEL	DIESEL	DIESEL
<b>Tank Release Vapor Monitor Status Stage 1:</b>			
<b>Corrosion Protection:</b>			
<b>Piping Corrosion Protection:</b>			

**MapID 7: PST - 8 CAMPUS CIR**

<b>Map ID #7</b>	<b>PST - State/Tribal Storage Tank</b>	<b>Source: TCEQ</b>
<b>Facility #: 0068751</b>	<b>TCEQ Customer ID: 104047</b>	<b>Banks ID: 0068751</b>
WESTLAKE DATA CENTER		Rel. Loc.: 0.22 miles SW
8 CAMPUS CIR, WESTLAKE, TX 76262		Elevation: 618.14 feet (+618.14)
<b>Facility Contact Name:</b>	VICTOR BIDILLO	
<b>Facility Contact Phone:</b>	8174306311	
<b>Facility Status:</b>	ACTIVE	
<b>Facility Type:</b>	INDUST/MFG/CHEM PLANT	
<b>Number of ASTs:</b>	1	
<b>Number of USTs:</b>	0	
<b>Tank #:</b>	<b>#1</b>	
<b>Status:</b>		
<b>Status Date:</b>	5/25/1994	
<b>Capacity:</b>	3000	
<b>Install Date:</b>	5/25/1994	
<b>Above or Below Ground Tank:</b>	above	
<b>Unit ID:</b>	180883	
<b>Construction Material:</b>	Steel	
<b>Piping Type:</b>		
<b>Piping Material:</b>		
<b>Tank Contents:</b>	DIESEL	
<b>Tank Release Vapor Monitor Status Stage 1:</b>		
<b>Corrosion Protection:</b>		
<b>Piping Corrosion Protection:</b>		

**End of PST Sites Section**

## MapID 3: RCRA - 1 CYPRESS CT



## RCRA - RCRA

Map ID #3	RCRA - RCRA	Source: EPA
EPA Handler ID: TXR000043851	Handler Sequence Number: 1	Banks ID: TXR000043851
CADIT CO		Rel. Loc.: 0.11 miles NE
1 CYPRESS CT, ROANOKE, TX 76262		Elevation: 636.29 feet (+636.29)
Status:	Inactive	
Owner Name:	UNKNOWN	
Operator Name:		
Mailing Address Street #:	1	
Mailing Address Street:	CYPRESS CT	
Mailing Address Street:		
Mailing Address City:	ROANOKE	
Mailing Address State:	TX	
Mailing Address Zip:	76262	
Contact Name:		
Contact Address Street #:		
Contact Address Street:		
Contact Address Street:		
Contact Address City:		
Contact Address State:		
Contact Address Zip:		
Contact Phone:		
Contact Email Address:		
Government Performance and Results Act (GPRA) Permit:	The facility does not exist on the Operating/Post-Closure Permit Baseline.	
Government Performance and Results Act (GPRA) Corrective Action:	No	
Permit Workload:		
Closure Workload:		
Post-Closure Workload:		
Subject to Corrective Action:	No	
Subject to Corrective Action 3004:	No	
Subject to Corrective Action Non-TSDF:	No	
Corrective Action Workload:	No	
Generator Status:	Not a Generator	
Nuclear Mixed Waste Handler:	No	
Onsite Burner Exemption:	No	
Furnace Exemption:	No	
Underground Injection Activity:	No	
NAIC Description 1:		
NAIC Description 2:		
NAIC Description 3:		
NAIC Description 4:		
Federal Generator Class:	Not a Generator, Verified	
State Generator Class:		
Environmental Controls in Place:	No	
Institutional Controls in Place:	No	
Groundwater Controls in Place:	No	
Significant Non-Compliance:	No	
Unaddressed Significant Non-Complier:	No	
Addressed Significant Non-Complier:	No	
Significant Non-Complier with Compliance Schedule:	No	
Short Term Generator:	No	
Mixed Waste Generator:	No	
Transfer Facility:	No	
Importer Activity:	No	
Transporter Activity:	No	
Recycler Activity:	No	
Receives waste from Offsite:	No	

**MapID 3: RCRA - 1 CYPRESS CT**



*Continued from Previous Page*

<b>Universal Waste:</b>	No
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**End of RCRA Sites Section**



**MapID 4: DRYC - 3 VILLAGE CIR STE 110**

**DRYC - Dry Cleaners**

<b>Map ID #4</b>	<b>DRYC - Dry Cleaners</b>	<b>Source: TCEQ</b>
<b>Registration #: RN104097167</b>	<b>Customer #: CN602522302</b>	<b>Banks ID: RN104097167</b>
TOWN & COUNTRY CLEANERS 3 VILLAGE CIR STE 110, WESTLAKE, TX 76262		Rel. Loc.: 0.12 miles SW Elevation: 599.62 feet (+599.62)
<b>Detail #1</b>		
<b>Status:</b>	ACTIVE	
<b>Site Type:</b>	DROP STATION REGISTRATION	
<b>State Contact Name:</b>		
<b>Facility Contact Phone:</b>	00	
<b>Owner:</b>	FATIMID PARTNERS LP	
<b>Owner Mailing Address:</b>		
<b>Owner Mailing City:</b>		
<b>Owner Mailing State:</b>		
<b>Owner Mailing Zip:</b>		
<b>Solvent:</b>		
<b>Rank:</b>		
<b>Score:</b>		
<b>Corrective Action Status:</b>		

**End of DRYC Sites Section**



**Unmapped Sites Details: ERNS (8344 )**

**ERNS - ERNS List**

<b>ERNS - ERNS List</b>	<b>Source: EPA/National Response Center</b>
<b>NRC ID: 8344</b>	<b>Secondary ID: NA</b>
	<b>Banks ID: 82-8344</b>

1.5 MILES EAST OF ROANOKE ON HIGHWAY 114, DENTON COUNTY TX., TX

<b>Responsible Party:</b>	N
<b>Incident Location:</b>	
<b>Incident Date/Time:</b>	9/10/1982 12:00 AM
<b>Cause of Incident:</b>	
<b>Description of Incident:</b>	GAS IS BEING RELEASED FROM A 8 PIPELINE, BELIEVE IT IS NATURAL GAS, MATERIAL IS GOING INTO DENTON CREEK WHICH FLOWS INTO LAKE GRAPEVINE
<b>Incident Type:</b>	
<b>Additional Information:</b>	
<b>Any Fatalities:</b>	No
<b>Number of Fatalities:</b>	0
<b>Remedial Action Taken:</b>	BULLDOZER STRUCK AND BUSTER LINE WHICH WAS THE CAUSE NONE AT THIS TIME, LINE IS A HIGH PRESSURE LINE (?)
<b>Medium Affected:</b>	DENTON CREEK
<b>Medium Description:</b>	
<b>Railroad Involved:</b>	
<b>Pipeline Type Involved:</b>	
<b>Source:</b>	
<b>Materials Spilled</b>	NATURAL GAS

**End of ERNS Sites Section**



**Unmapped Sites Details: SWLF (UNUM\_2176)**

**SWLF - State/Tribal Disposal or Landfill**

<b>SWLF - State/Tribal Disposal or Landfill</b>		<b>Source: TCEQ</b>
<b>TCEQ Closed Landfill Inventory Unnumbered: UNUM_2176</b>	<b>Secondary ID: NA</b>	<b>Banks ID: UNUM_2176</b>
Carlo J Farina N of Hwy 114 in Southlake, W Beach addition Blk 2 Lot 27-32, TX		
<b>Detail #1</b>		
<b>Facility Status:</b>	CLOSED	
<b>Acres:</b>		
<b>Estimated Closure Date:</b>		
<b>Additional Location Information:</b>	TNRCC #31316	
<b>Facility Owner Name:</b>		
<b>Permit Status:</b>		

**End of SWLF Sites Section**

**Unmapped Sites Details: HW (41628)****HW - State/Tribal Hazardous Waste**

<b>HW - State/Tribal Hazardous Waste</b>		<b>Source: TCEQ</b>
<b>Register #: 41628</b>	<b>EPA ID: TXD987990850</b>	<b>Banks ID: 41628</b>
JERRYS WASTE OIL DOVE RD, ROANOKE, TX 76262		
<b>Status:</b>	INACTIVE	
<b>Location Description:</b>	Florence Rd, N of 407, Roanoke, TX	
<b>Additional State ID:</b>	18013	
<b>Permit Number:</b>		
<b>Facility Type:</b>	Transporter	
<b>Facility Contact Name:</b>	JERRY UNDERHILL	
<b>Facility Contact Phone:</b>	817-4818392	
<b>Company Name:</b>	JERRYS WASTE OIL	

**Unmapped Sites Details: HW (40795)****HW - State/Tribal Hazardous Waste****Source: TCEQ****Register #: 40795****EPA ID: TXD981144504****Banks ID: 40795**

JERRYS WASTE OIL

Dove Rd, Roanoke, TX 76262

<b>Status:</b>	ACTIVE
<b>Location Description:</b>	Dove Rd, 1 mi off US Highway 114, Roanoke, TX
<b>Additional State ID:</b>	17207
<b>Permit Number:</b>	
<b>Facility Type:</b>	Transporter
<b>Facility Contact Name:</b>	JERRY UNDERHILL
<b>Facility Contact Phone:</b>	817-4303957
<b>Company Name:</b>	JERRYS WASTE OIL

**End of HW Sites Section**

## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
<b>NPL -- National Priority List</b>	EPA	NPL is the list of high priority hazardous waste sites in the United States eligible for long-term remedial action financed under the federal Superfund program or SEMS database (formerly known as the CERCLIS database). The EPA will only add sites to the NPL list based upon completion of the Hazard Ranking System (HRS) screening, public solicitation of comments about the proposed site, and after all comments have been addressed.	Quarterly	10/19/2018	10/19/2018	11/11/2018	08/13/2018
<b>DNPL -- Delisted National Priority List</b>	EPA	DNPL is a list of all sites that have been deleted from the EPA NPL list (SEMS database). These sites are taken off the NPL list usually due to no further response or remedial action being required on them. Notices to delete NPL sites are published in the Federal Register and become effective unless the EPA receives significant adverse or critical comments during the 30-day public comment period.	Quarterly	10/19/2018	10/19/2018	11/11/2018	08/13/2018
<b>CER SEMS -- SEMS</b>	EPA	The EPA maintains the SEMS database to track sites under the Comprehensive Environmental Response, Compensation, and Liability Act, a federal law designed to clean up abandoned hazardous waste sites. These sites are either proposed, listed or under review currently to be a part of the National Priority List.	Quarterly	10/19/2018	10/19/2018	11/11/2018	08/13/2018
<b>CER SEMS NFRAP -- SEMS NFRAP</b>	EPA	From the Superfund Enterprise Management System (SEMS) database No Further Remedial Action Planned or NFRAP have been removed from the listing. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the site being placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.	Quarterly	10/19/2018	10/19/2018	11/11/2018	08/13/2018
<b>RCRA COR -- RCRA CORRACTS</b>	EPA	These sites are registered hazardous waste generators or handlers that fall under the Resource Conservation and Recovery Act (RCRA) and subject to corrective action activity.	Quarterly	08/21/2018	08/21/2018	09/02/2018	08/02/2018
<b>RCRA TSD -- RCRA non-CORRACTS TSD</b>	EPA	This database lists all treatment, storage and disposal of hazardous material sites that fall under the Resource Conservation and Recovery Act (RCRA). All hazardous waste TSD facilities are required to notify EPA of their existence.	Quarterly	08/21/2018	08/21/2018	09/02/2018	08/02/2018
<b>RCRA GEN -- RCRA Generators</b>	EPA	The EPA regulates all Hazardous Waste Generators subject to the Resource Conservation and Recovery Act (RCRA). They are classified by the quantity of hazardous waste generated. A Small Quantity Generator (SQG) generates between 100kg and 1,000 kg of waste per month. A Large Quantity Generator (LQG) generates over 1,000 kg of waste per month. A Conditionally Exempt SQG (CEG) generates less than 100 kg of waste per month.	Quarterly	08/21/2018	08/21/2018	09/02/2018	08/02/2018
<b>FED BWN -- Federal Brownfields</b>	EPA	A listing of sites that assist the EPA in collecting, tracking, and updating information of sites in relation to the Small Business Liability Relief and Brownfields Revitalization Act. These sites are real property that is either abandoned or underutilized where redevelopment or expansion is complicated by real or perceived environmental contamination.	Quarterly	11/21/2018	08/15/2018	08/26/2018	08/01/2018
<b>FED IC -- Federal Institutional Control</b>	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use. ICs are meant to supplement Engineering Controls and will rarely be the sole remedy at a site. ICs are a type of Activity and Use Limitation (AUL).	Quarterly	11/21/2018	08/15/2018	08/26/2018	08/01/2018
<b>FED EC -- Federal Engineering Control</b>	EPA	This is a listing of Brownfield Management System (BMS) sites that have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination. ECs are a type of Activity and Use Limitation (AUL).	Quarterly	11/21/2018	08/15/2018	08/26/2018	08/01/2018

## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
ERNS -- ERNS List	EPA/National Response Center	ERNS is a national database used to store information on unauthorized releases of oil and hazardous substances that have been reported to the National Response Center since 2001. The NRC is the sole federal point of contact for reporting oil and chemical spills. Prior to 2001 this information was maintained by the EPA.	Annually	01/02/2018	01/05/2018	01/23/2018	01/05/2018
ST NPL -- State/Tribal Equivalent NPL (TX)	TCEQ	This database contains sites determined by the TCEQ that may constitute an imminent and substantial endangerment to public health and safety or to the environment due to a release or threatened release of hazardous substances into the environment.	Quarterly	11/16/2018	08/15/2018	08/25/2018	08/15/2018
ST CER -- State/Tribal Equivalent CERCLIS (TX)	NA	This database is not currently available from this state. If this state does make this database available in the future, Banks Environmental Data will obtain it for reporting purposes.	N/A	N/A	N/A	N/A	N/A
SWLF -- State/Tribal Disposal or Landfill (TX)	TCEQ	The SWLF database contains records of municipal solid waste facilities that may accept various types of municipal solid waste for processing or disposal, depending on the type of facility. A Municipal Solid Waste facility may also accept certain special wastes and non-hazardous industrial solid wastes if approved by the TCEQ executive director.	Quarterly	10/16/2018	10/16/2018	10/30/2018	10/16/2018
SWLF -- State/Tribal Disposal or Landfill (TX)	TCEQ	This database is a listing of closed and abandoned municipal solid waste landfills. The sites included are either unauthorized (UNUM_) or permitted (PERMAPP_).	N/A	N/A	N/A	N/A	N/A
LPST -- State/Tribal Leaking Storage Tank (TX)	TCEQ	This database contains information on leaking storage tanks, equipment failures, compliance, and releases in the state.	Quarterly	10/16/2018	08/07/2018	08/09/2018	07/10/2018
LPST -- State/Tribal Leaking Storage Tank (TX)	EPA	The Tribal LUST database (maintained by EPA Region 6) provides information on leaking underground storage tank on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	10/19/2018	10/19/2018	10/19/2018	04/01/2018
PST -- State/Tribal Storage Tank (TX)	TCEQ	This database contains information on above and underground storage tanks, compliance, and releases in the state.	Quarterly	10/16/2018	10/16/2018	11/06/2018	08/02/2018
PST -- State/Tribal Storage Tank (TX)	EPA	The Tribal UST database (maintained by EPA Region 6) provides underground storage tank information on tribal lands in Louisiana, Arkansas, Oklahoma, New Mexico and Tribal Nations.	Quarterly	10/19/2018	10/19/2018	10/19/2018	04/01/2018
ST IC -- State/Tribal Institutional Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Institutional Controls (ICs) placed on them. ICs are administrative restrictions, such as legal controls, that help minimize the potential for human exposure to known contamination by ensuring appropriate land or resource use.	Quarterly	11/13/2018	08/23/2018	08/25/2018	08/02/2018
ST IC -- State/Tribal Institutional Control (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	11/13/2018	08/23/2018	08/25/2018	08/02/2018
ST EC -- State/Tribal Engineering Control (TX)	TCEQ	This database includes Voluntary Cleanup Program (VCP) or Innocent Operator Program (IOP) sites that have been remediated and have had Engineering Controls (ECs) placed on them. ECs are physical methods or modifications put into place on a site to reduce or eliminate the possibility of human exposure to known contamination.	Quarterly	11/13/2018	08/23/2018	08/25/2018	08/02/2018

## Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Data Requested	Data Obtained	Data Updated	Source Updated
VCP -- State/Tribal Voluntary Cleanup (TX)	TCEQ	This database contains sites from both the Voluntary Cleanup Program (VCP) and the Innocent Operator Program (IOP). The VCP records contain information on contaminated sites that private parties have cleaned up through assistance from the State in the form of administrative, technical, and legal incentives. The IOP records are sites that have received certificates from the State acknowledging that their property is contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.	Quarterly	11/13/2018	08/23/2018	08/25/2018	08/02/2018
VCP -- State/Tribal Voluntary Cleanup (TX)	RRC	The Railroad Commission of Texas Voluntary Cleanup Program provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination.	Quarterly	11/13/2018	08/23/2018	08/25/2018	08/02/2018
ST BWN -- State/Tribal Brownfield (TX)	TCEQ	Brownfield sites are former industrial properties that lie dormant or underutilized due to liability associated with real or perceived contamination. In Texas, the TCEQ, in close partnership with the EPA and other federal, state, and local redevelopment agencies, and stakeholders, is facilitating cleanup, transferability, and revitalization of Brownfield's through the development of regulatory, tax, and technical assistance tools.	Quarterly	08/02/2018	08/23/2018	08/25/2018	08/02/2018
ST BWN -- State/Tribal Brownfield (TX)	RRC	The Railroad Commission of Texas' Voluntary Cleanup Program (RRC-VCP) provides an incentive to remediate Oil & Gas related pollution by participants as long as they did not cause or contribute to the contamination. Applicants to the program receive a release of liability to the state in exchange for a successful cleanup.	Quarterly	08/02/2018	08/23/2018	08/25/2018	08/02/2018
HW -- State/Tribal Hazardous Waste (TX)	TCEQ	This database contains information on facilities which store, process, or dispose of hazardous waste as maintained by the Industrial and Hazardous Waste Permits section of the TCEQ.	Quarterly	11/16/2018	08/15/2018	08/25/2018	07/06/2018
RCRA -- RCRA	EPA	This database lists all sites that fall under the Resource Conservation and Recovery Act (RCRA) and are not classifiable as treatment, storage, disposers of hazardous material, hazardous waste generator or subject to corrective action activity.	Quarterly	08/21/2018	08/21/2018	09/02/2018	08/02/2018
DRYC -- Dry Cleaners (TX)	TCEQ	Dry Cleaner data houses both the DCRP Program information and PERC information released by the TCEQ. The DCRP database contains records funded for state-lead clean up of dry cleaner related contaminated sites. The DCRP administers the Dry Cleaning Facility Release Fund to assist with remediation of contamination caused by dry cleaning solvents. There are two listings from this program: LIST#1 - A historic listing of any facility that registered with the DCRP indicating whether or not the facility has used Perchloroethylene (PERC) in the past. LIST#2 - A Prioritization list of dry cleaner sites. Facilities on this list will be investigated in order to determine the existence and or extent of possible contamination. Facilities which are not current on their DCRP payments get dropped from the program. Banks Environmental Data DOES NOT REMOVE these listings from our database so that we may present a more complete historical listing of facilities that may or may not have used PERC in the past.	Quarterly	08/22/2018	08/23/2018	09/13/2018	08/23/2018
MS -- State/Tribal Municipal Settings Designation (TX)	TCEQ	TCEQ defines a Municipal Settings Designation (MSD) as an official state designation given to a property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level. The prohibition must be in the form of a city ordinance, or a restrictive covenant that is enforceable by the city and filed in the property records.	Quarterly	10/02/2018	10/02/2018	10/02/2018	06/01/2018

**Disclaimer**

The Banks Environmental Data Regulatory Database Report was prepared based upon data obtained from State, Tribal, and Federal sources known to Banks Environmental Data at the time the data was obtained. Great care has been taken by Banks in obtaining the best available data from the best available sources. However, there is a possibility that there are sources of data applicable or pertaining to this report's target property, and/or surrounding properties, to which Banks does not have access or has not accessed. Furthermore, although Banks Environmental Data performs quality assurance and quality control on all data, including data it obtains, Banks recognizes that inaccuracies in data from these sources may, and do, exist; accordingly, inaccurate data may have been used or relied upon in the preparation of this report. Even though Banks Environmental Data performs a thorough and diligent search to locate and fix any inaccuracies in the data relied upon in the preparation of this report, Banks cannot guarantee or warrant the accuracy of the locations, information, data, or report. The purchaser of this report accepts this report "as is" and assumes all risk related to any potential inaccuracy contained in the report or not reported in it, whether due to a reliance by Banks Environmental Data on inaccurate data, or for any other reason [including but not limited to the negligence or express negligence of Banks Environmental Data]. If this report is being used for the Records Review section of a Phase I Site Assessment according to the ASTM 1527-13, for EPA's All Appropriate Inquiry, or for any other purpose (public or private), all liability and responsibility is assumed by the Environmental Professional or other individual or entity acquiring the report.

## Past Right-of-Way Map

FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R W 353-3-17	1
STATE DIST. NO.	COUNTY	STATE CONTR. NO.	HIGHWAY NO.
2	TARRANT	353-3-17	ST. 114

STATE OF TEXAS  
STATE HIGHWAY DEPARTMENT

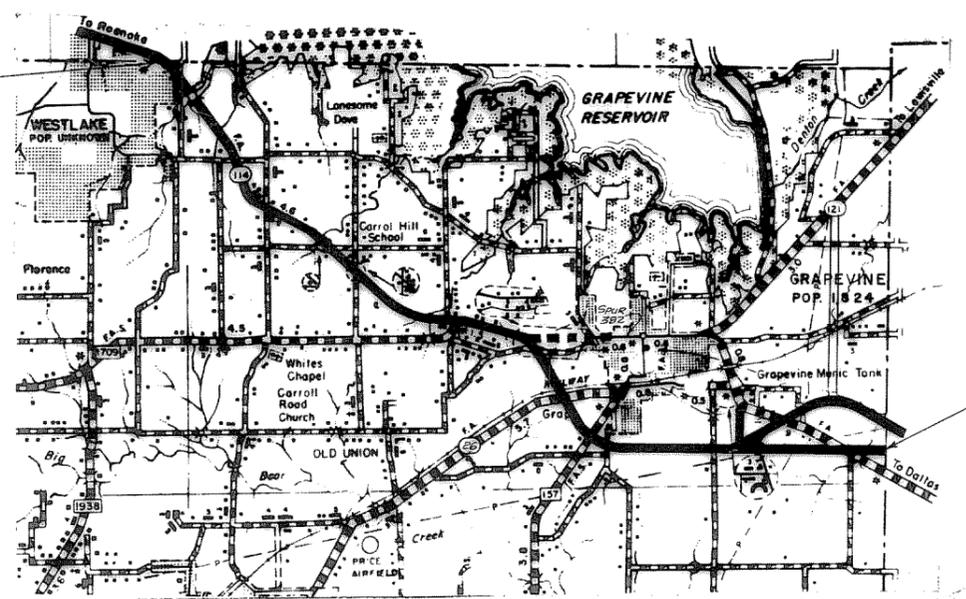
PLAN OF PROPOSED  
RIGHT OF WAY PROJECT  
STATE HIGHWAY 114

TARRANT COUNTY  
R.W. 353-3-17  
FROM: DENTON COUNTY LINE  
TO: DALLAS COUNTY LINE

PLAN SCALE: AS SHOWN  
NET LENGTH OF PROJECT = 52,868.07 FT. = 10.012 MI.

"FINAL R.O.W. MAP"  
PROJECT DESIGNATOR 3200

BEGIN R.W. 353-3-17  
STA. 42+50



END R.W. 353-3-17  
STA. 571+18.07  
STA. 0+00.00  
BEGIN R.W. 353-4-21

CONVENTIONAL SIGNS

RIGHT OF WAY LINE	
PROPERTY LINE	
COUNTY LINE	
CONTROL OF ACCESS LINE	
SURVEY LINE	
FENCE	
POWER LINE	
TELEPHONE OR TELEGRAPH	
RAILROAD	
BRIDGE OR CULVERT	
CITY LIMITS	

EQUATION: 192+52.26 BACK = 192+54.62 FWD.  
EXCEPTIONS: NONE  
LAYOUT SCALE: 1 IN. = 1 MILE

CORRECT: April 10, 1985

James C. Good  
DISTRICT R.O.W. SUPVR.

APPROVED: April 10, 1985

J.R. Stone  
DISTRICT ENGINEER

DEPARTMENT OF COMMERCE  
BUREAU OF PUBLIC ROADS

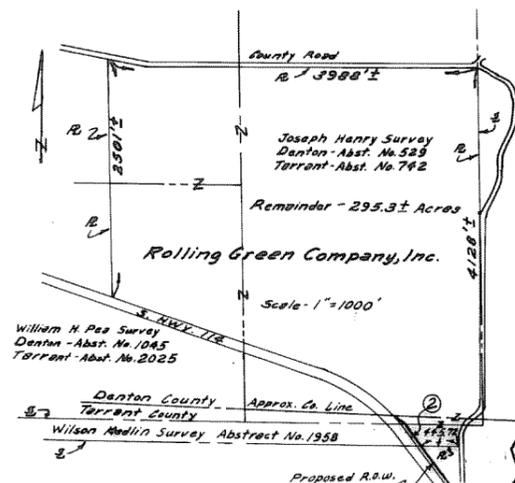
APPROVED: \_\_\_\_\_  
DIVISION ENGINEER

DATE: \_\_\_\_\_

**U. P. MARTIN SURVEY  
ABSTRACT NO. 1015**

**5 E**  
Clyde S. Thompson et ux  
Channel Easement  
Vol. 4187 Page 592  
0.427 Acre  
Rt. Sta. 69+77.71 to Rt. Sta. 70+81.29

Scale: 1" = 1000'  
Joseph Henry Survey  
Denton Co. Abst. No. 742  
Tarrant Co. Abst. No. 742



William H. Pea Survey  
Denton - Abst. No. 1045  
Tarrant - Abst. No. 2025

Denton County  
Tarrant County  
Wilson Medlin Survey Abstract No. 1958

Proposed R.O.W. Line

**JOSEPH HENRY SURVEY  
ABSTRACT NO. 742**

**6**  
Marris Pedigo et ux  
Deed  
Vol. 4324 Page 227  
Sta. 56+34.11 to Lt. Sta. 61+77.89  
0.356 Acre  
Remainder: Left Side - 43± Acres  
Right Side - None

**7**  
DeLois Jean Boydston Parks et al  
Deed  
Vol. 4327 Page 438  
Lt. Sta. 61+77.89 To Lt. Sta. 79+73.74  
0.815 Acre  
Remainder: Left Side - 120± Acres  
Right Side - None

BEGIN RW 353-3-17  
STA. 42+50

R=2019.86  
Δ=03°04'48"  
L=108.58

N72°00'E  
47.71'

5/8 1/2 E  
42.38'

68.61'  
N02°05'E  
61+77.89

Proposed R.O.W. Line  
1795.85

Existing R.O.W.

235.00'  
R=1859.86  
Δ=07°14'22"

1000.15' N36°32'W

2235.54' S36°32'E

536°32'E

Existing R.O.W.

Existing R.O.W.

**W. MEDLIN SURV.  
ABST. NO. 1958**

196.57'  
R=1799.86  
Δ=06°15'27"

L 44+89.44

1134.43'

536°32'E

N36°32'W

1120.92'

1950.72'

**TRI COUNTY ELECT. COOP. INC. U-4380  
UTILITY JOINT USE AGREEMENT**

**4**  
John A. McGuire et ux  
Deed  
Vol. 4328 Page 519  
Rt. Sta. 42+50 to Rt. Sta. 44+89.44  
0.670 Acre  
Remainder: Left Side - None  
Right Side - 196± Acres

**5**  
Clyde S. Thompson et ux  
Deed  
Vol. 4187 Page 590  
Sta. 56+34.11 to Rt. Sta. 78+07.51  
4.930 Acres  
Remainder: Left Side - None  
Right Side - 19± Acres

**4**  
George H. Harmon Jr.  
Deed  
Vol. 4315 Page 443  
Rt. Sta. 44+89.44 to Rt. Sta. 57+58.97  
2.575 Acres  
Remainder: Left Side - None  
Right Side - 117± Acres

**3**  
Russell H. Savage  
Deed  
Vol. 4356 Page 255  
Lt. Sta. 46+57.17 to Sta. 54+22.74  
0.388 Acre  
Remainder: Left Side - 2.98 Acres  
Right Side - None

**HEIRS OF CHARLES M. THROOP SURVEY  
ABSTRACT NO. 1510**

**2**  
Rolling Green Company, Inc.  
Deed  
Vol. 4299 Page 379  
Lt. Sta. 43+03.51 to Lt. Sta. 46+57.17  
0.149 Acre  
Remainder: Left Side - 295.3± Acres  
Right Side - None

**WILSON MEDLIN SURVEY  
ABSTRACT NO. 1958**

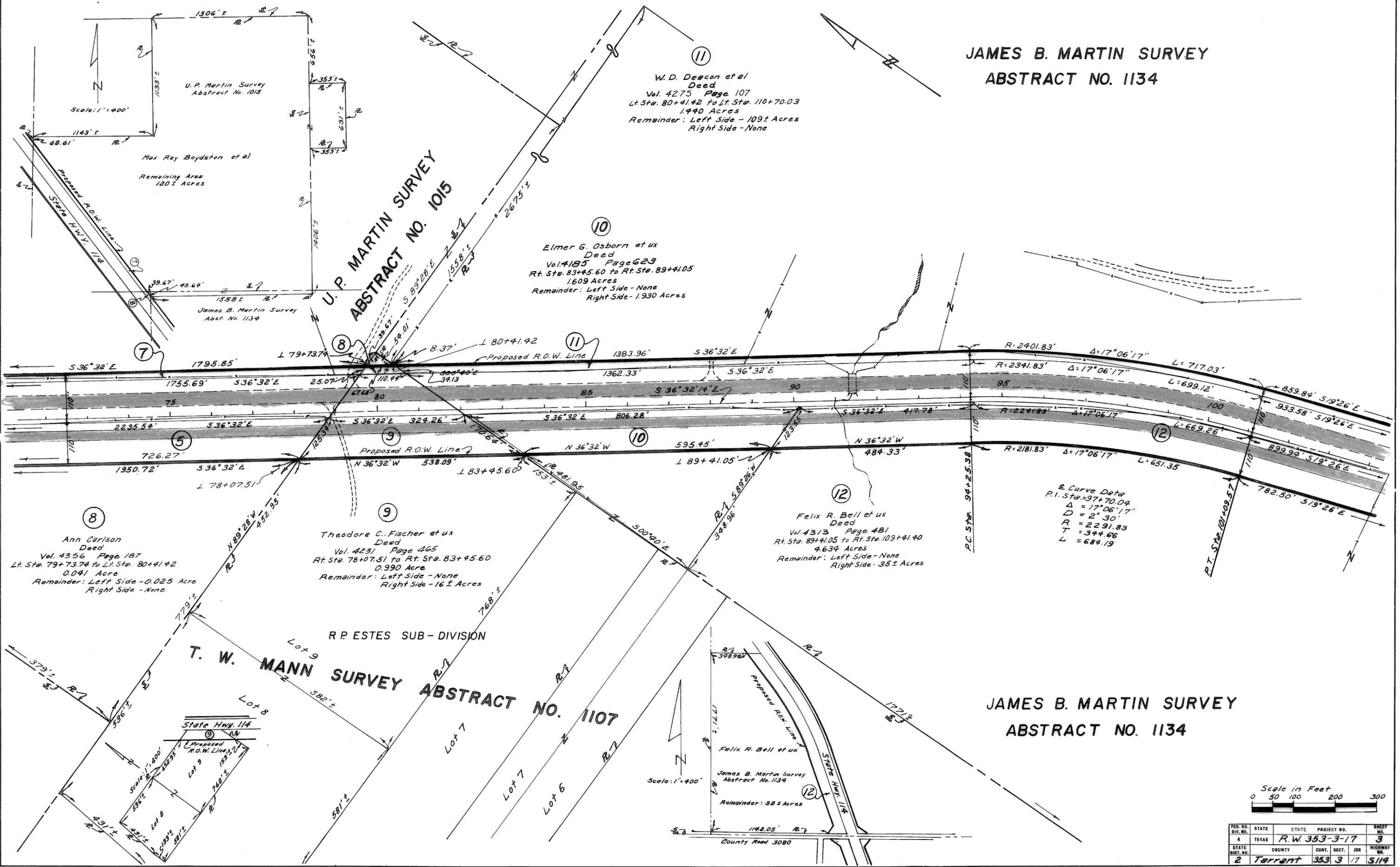
Curve Data  
P.I. Sta. 39+01.69  
Δ=34°29'41"  
D=3°00'  
R=1909.859'  
T=592.93'  
L=1149.82'

Scale 1" = 400'

Scale in feet  
0 50 100 200 300

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	2
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	Tarrant	353 3 17	5114

**JAMES B. MARTIN SURVEY  
ABSTRACT NO. 1134**



⑪  
W.D. Deacon et al  
Deed  
Vol. 4275 Page 107  
Lt. Sta. 80+41.42 to Lt. Sta. 110+70.03  
1.440 Acres  
Remainder: Left Side - 109± Acres  
Right Side - None

⑩  
Elmer G. Osborn et ux  
Deed  
Vol. 4185 Page 623  
Rt. Sta. 83+45.60 to Rt. Sta. 89+41.05  
1.609 Acres  
Remainder: Left Side - None  
Right Side - 1.930 Acres

⑧  
Ann Carlson  
Deed  
Vol. 4356 Page 187  
Lt. Sta. 79+73.74 to Lt. Sta. 80+41.42  
0.041 Acre  
Remainder: Left Side - 0.025 Acre  
Right Side - None

⑨  
Theodore C. Fischer et ux  
Deed  
Vol. 4231 Page 465  
Rt. Sta. 78+07.51 to Rt. Sta. 83+45.60  
0.990 Acre  
Remainder: Left Side - None  
Right Side - 16± Acres

⑫  
Felix R. Bell et ux  
Deed  
Vol. 4313 Page 481  
Rt. Sta. 89+41.05 to Rt. Sta. 109+41.40  
4.634 Acres  
Remainder: Left Side - None  
Right Side - 35± Acres

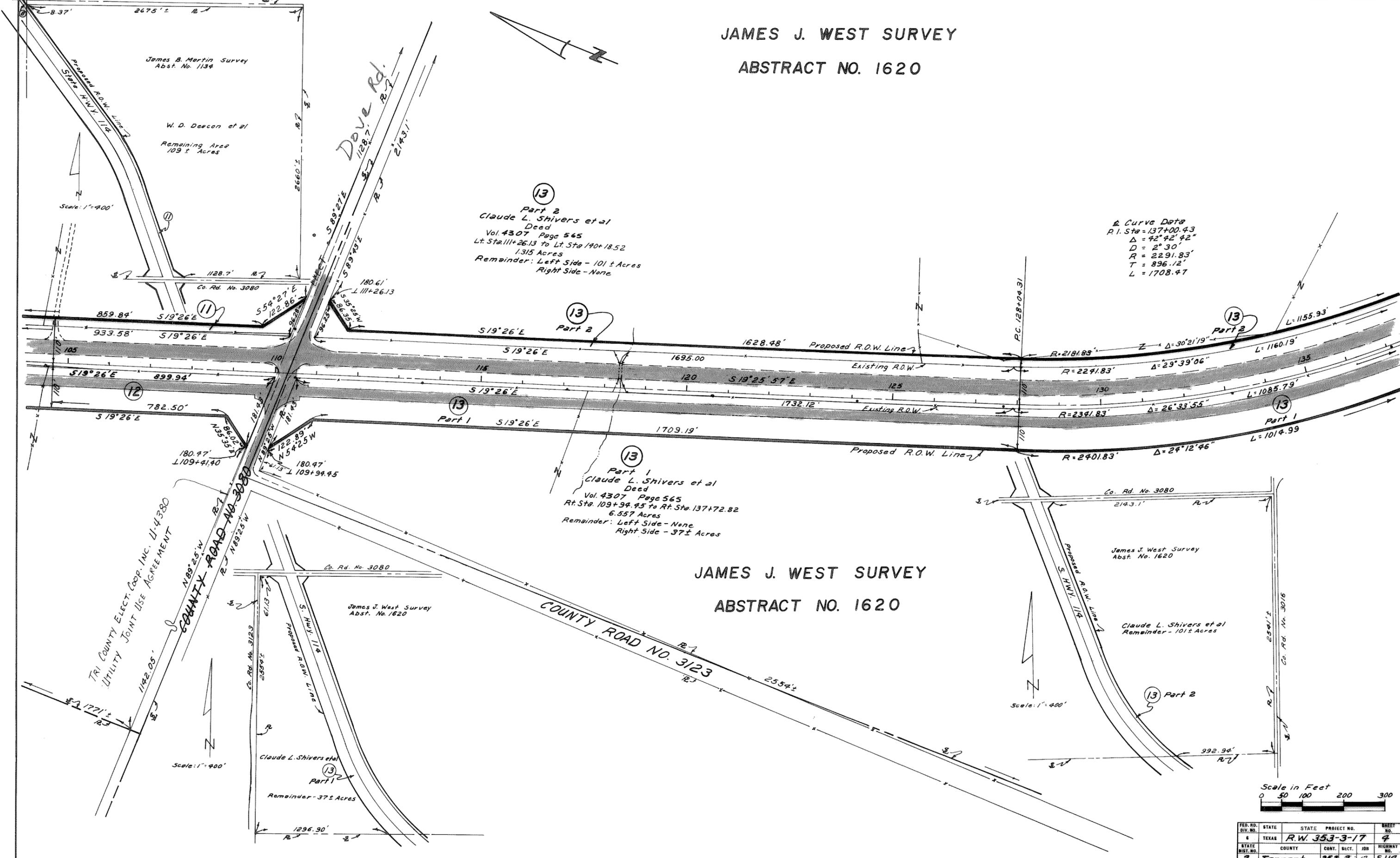
Curve Data  
P.I. Sta. = 97+70.04  
Δ = 17° 06' 17"  
D = 2° 30'  
R = 2291.83  
T = 344.66  
L = 684.19

**JAMES B. MARTIN SURVEY  
ABSTRACT NO. 1134**



FED. DIST. NO.	STATE	PROJECT NO.	SHEET NO.
2	TEXAS	R.W. 353-3-17	3
COUNTY	CONTR.	SECT.	JOB
Tarrant	353	3	17
			HIGHWAY NO.
			5114

JAMES J. WEST SURVEY  
 ABSTRACT NO. 1620



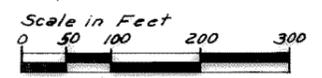
⑬  
 Part 2  
 Claude L. Shivers et al  
 Deed  
 Vol. 4307 Page 565  
 Lt. Sta. 111+26.13 to Lt. Sta. 140+18.52  
 1.315 Acres  
 Remainder: Left Side - 101 ± Acres  
 Right Side - None

⑬  
 Part 2

⑬  
 Part 1  
 Claude L. Shivers et al  
 Deed  
 Vol. 4307 Page 565  
 Rt. Sta. 109+94.45 to Rt. Sta. 137+72.82  
 6.557 Acres  
 Remainder: Left Side - None  
 Right Side - 37 ± Acres

Curve Data  
 P.I. Sta = 137+00.43  
 $\Delta = 92^{\circ}42'42''$   
 $D = 2^{\circ}30'$   
 $R = 2291.83'$   
 $T = 896.12'$   
 $L = 1708.47'$

JAMES J. WEST SURVEY  
 ABSTRACT NO. 1620



FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	4
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	Tarrant	353 3 17	5114

JAMES J. WEST SURVEY

ABSTRACT NO. 1620

LARKIN H. CHIVERS SURVEY

ABSTRACT NO. 300

THOMAS M. HOOD SURVEY

ABSTRACT NO. 706

20 A  
Billy Ray Strickland et ux  
Deed  
Vol. 4259 Page 675  
Lt. Sta. 145+80.07 to Lt. Sta. 147+84.67  
0.094 Acre  
Remainder: Left Side - 1.16 Acres  
Right Side - None

21  
Howard William Thrasher et ux  
Deed  
Vol. 4521 Page 490  
Lt. Sta. 148+87.77 to Lt. Sta. 151+62.99  
0.200 Acre  
Remainder: Left Side - 1.592 Acres  
Right Side - None

25  
W. G. Henrhan  
Deed  
Vol. 4320 Page 469  
Lt. Sta. 160+59.53 to Lt. Sta. 166+64.35  
0.266 Acre  
Remainder: Left Side - 156 ± Acres  
Right Side - None

23  
Edward L. Blevins  
Deed  
Vol. 4521 Page 501  
Lt. Sta. 157+89.53 to Lt. Sta. 160+59.53  
0.124 Acre  
Remainder: Left Side - 1.639 Acres  
Right Side - None

29  
Jinks Jones et al  
Deed  
Vol. 4569 Page 194  
Rt. Sta. 154+07.69 to Rt. Sta. 162+77.28  
2.433 Acres  
Remainder: Left Side - None  
Right Side - 3.561 Acres

19 B  
W.S. Roe  
Deed  
Vol. 4245 Page 439  
Rt. Sta. 152+47.51 to Rt. Sta. 153+48.11  
0.061 Acre  
Remainder: Left Side - None  
Right Side - 34 ± Acres

19 A  
Thomas T. Roe  
Deed  
Vol. 4229 Page 21  
Rt. Sta. 146+17.89 to Rt. Sta. 152+47.51  
1.589 Acres  
Remainder: Left Side - None  
Right Side - 1.258 Acres

18  
Lois Steward et al  
Deed  
Vol. 4224 Page 493  
Rt. Sta. 143+73.44 to Rt. Sta. 146+17.89  
0.577 Acres  
Remainder: Left Side - None  
Right Side - 1.181 Acres

15  
Jesse P. Vester et ux  
Deed  
Vol. 4294 Page 237  
Lt. Sta. 140+18.52 to Lt. Sta. 145+80.07  
0.240 Acre  
Remainder: Left Side - 3.56 Acres  
Right Side - None

16  
W.H. Crumbaker et ux  
Deed  
Vol. 4341 Page 591  
Rt. Sta. 137+72.82 to Rt. Sta. 140+32.43  
0.660 Acre  
Remainder: Left Side - None  
Right Side - 40 ± Acres

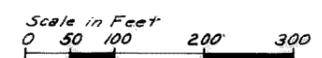
20 B  
Paul R. Crutsinger et ux  
Deed  
Vol. 4302 Page 483  
Lt. Sta. 147+84.67 to Lt. Sta. 148+87.77  
0.047 Acre  
Remainder: Left Side - 0.72 Acre  
Right Side - None

22  
Mrs. Roxie Blevins et al  
Deed  
Vol. 4522 Page 496  
Lt. Sta. 152+19.66 to Lt. Sta. 157+89.53  
0.302 Acres  
Remainder: Left Side - 12 ± Acres  
Right Side - None

17  
George B. Tillery et ux  
Deed  
Vol. 4341 Page 599  
Rt. Sta. 140+32.43 to Rt. Sta. 143+73.44  
0.603 Acres  
Remainder: Left Side - None  
Right Side - 4.6 ± Acres

W.H. Crumbaker et ux  
Rem. - 40 ± Acres  
Scale 1" = 400'  
Thomas M. Hood Survey  
Abst. No. 706

W.S. Roe et ux  
Rem. - 34 ± Acres  
Scale: 1" = 400'



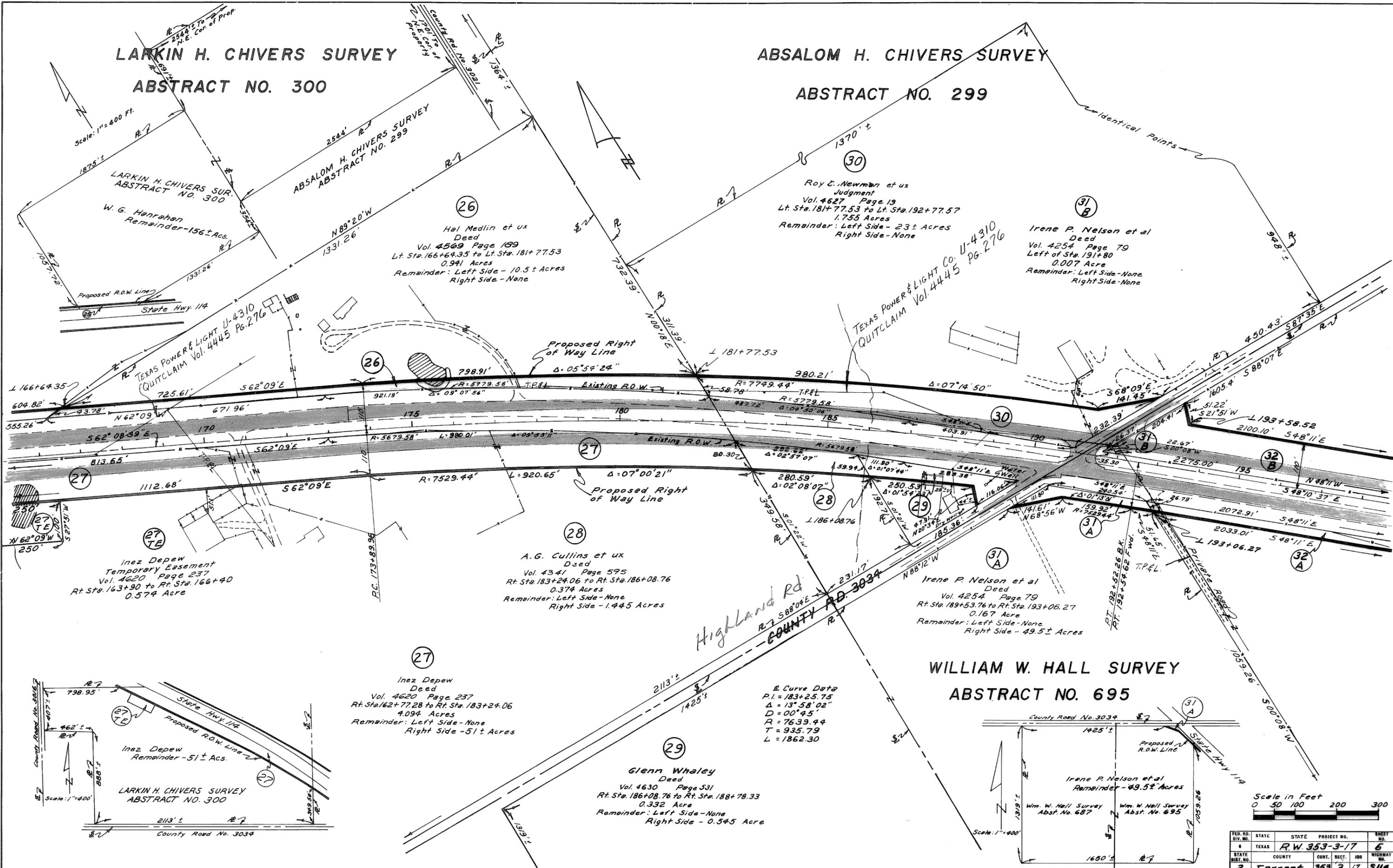
FED. NO.	STATE	STATE	PROJECT NO.	SHEET NO.
6	TEXAS	R.W.	353-3-17	5
STATE DIST. NO.	COUNTY	CONT.	SECT.	JOB
2	Tarrant	353	3	17

5-18-66  
6-22-66

**LARKIN H. CHIVERS SURVEY  
ABSTRACT NO. 300**

**ABSALOM H. CHIVERS SURVEY  
ABSTRACT NO. 299**

**WILLIAM W. HALL SURVEY  
ABSTRACT NO. 695**



26  
Hal Medlin et ux  
Deed  
Vol. 4569 Page 189  
Lt. Sta. 166+64.35 to Lt. Sta. 181+77.53  
0.941 Acres  
Remainder: Left Side - 10.5 ± Acres  
Right Side - None

30  
Roy E. Newman et ux  
Judgment  
Vol. 4627 Page 19  
Lt. Sta. 181+77.53 to Lt. Sta. 192+77.57  
1.755 Acres  
Remainder: Left Side - 23 ± Acres  
Right Side - None

31 B  
Irene P. Nelson et al  
Deed  
Vol. 4254 Page 79  
Left of Sta. 191+80  
0.007 Acre  
Remainder: Left Side - None  
Right Side - None

Inez Depew  
Temporary Easement  
Vol. 4620 Page 237  
Rt. Sta. 163+90 to Rt. Sta. 166+40  
0.574 Acre

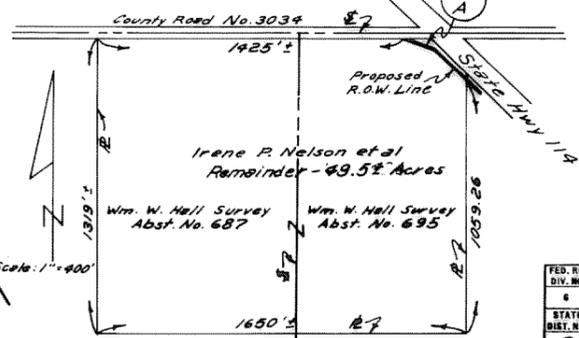
28  
A.G. Cullins et ux  
Deed  
Vol. 4341 Page 595  
Rt. Sta. 183+24.06 to Rt. Sta. 186+08.76  
0.374 Acres  
Remainder: Left Side - None  
Right Side - 1.445 Acres

31 A  
Irene P. Nelson et al  
Deed  
Vol. 4254 Page 79  
Rt. Sta. 189+53.76 to Rt. Sta. 193+06.27  
0.167 Acre  
Remainder: Left Side - None  
Right Side - 49.5 ± Acres

27  
Inez Depew  
Deed  
Vol. 4620 Page 237  
Rt. Sta. 162+77.28 to Rt. Sta. 183+24.06  
4.094 Acres  
Remainder: Left Side - None  
Right Side - 51 ± Acres

29  
Glenn Whaley  
Deed  
Vol. 4630 Page 531  
Rt. Sta. 186+08.76 to Rt. Sta. 188+78.33  
0.332 Acre  
Remainder: Left Side - None  
Right Side - 0.545 Acre

Curve Data  
P.I. = 183+25.75  
Δ = 13° 58' 02"  
D = 00° 45'  
R = 7639.44  
T = 935.79  
L = 1862.30



Scale in Feet  
0 50 100 200 300

FED. DIST. NO.	STATE	STATE	PROJECT NO.	SHEET NO.
2	Texas	R.W. 353-3-17	6	6
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.	
2	Tarrant	353 3 17	5114	

**WILLIAM W. HALL SURVEY  
ABSTRACT NO. 695**

**RICHARD EADS SURVEY  
ABSTRACT NO. 481**

(35 A)  
Clifco, Inc., et al  
Judgment  
Vol. 5122 Page 522  
66,245 Sq. Ft.  
Lt. Sta. 216+08.90 to Lt. Sta. 222+54.15  
Remainder: Left Side - 130,445 Sq. Ft.  
Right Side - None

(35 B)  
L. A. Casey et ux  
Deed  
Vol. 4270 Page 455  
169 Sq. Ft.  
Lt. Sta. 215+55.38  
Remainder - 9,726 Sq. Ft.

(36)  
Joe Fachtel et ux  
Deed  
Vol. 4196 Page 188  
Lt. Sta. 222+54.15 to Lt. Sta. 233+97.25  
2.395 Acres  
Remainder: Left Side - 113 ± Acres  
Right Side - None

(37)  
Roger G. Baird et ux  
Deed  
Vol. 4270 Page 186  
Rt. Sta. 218+45.18 to Rt. Sta. 231+50.56  
0.680 Acre  
Remainder: Left Side - None  
Right Side - 104.0 Acres

(32 B)  
Bobby E. Moore et al  
Deed  
Vol. 4374 Page 425  
Lt. Sta. 193+41.03 to Lt. Sta. 214+83.72  
5.363 Acres  
Remainder: Left Side - 27.8 Acres  
Right Side - None

(39 B)  
Bobby E. Moore et al  
Deed  
Vol. 4374 Page 398  
Left of Sta. 215+50  
0.125 Acre  
Remainder: Left Side - None  
Right Side - None

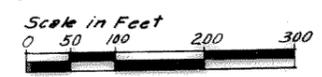
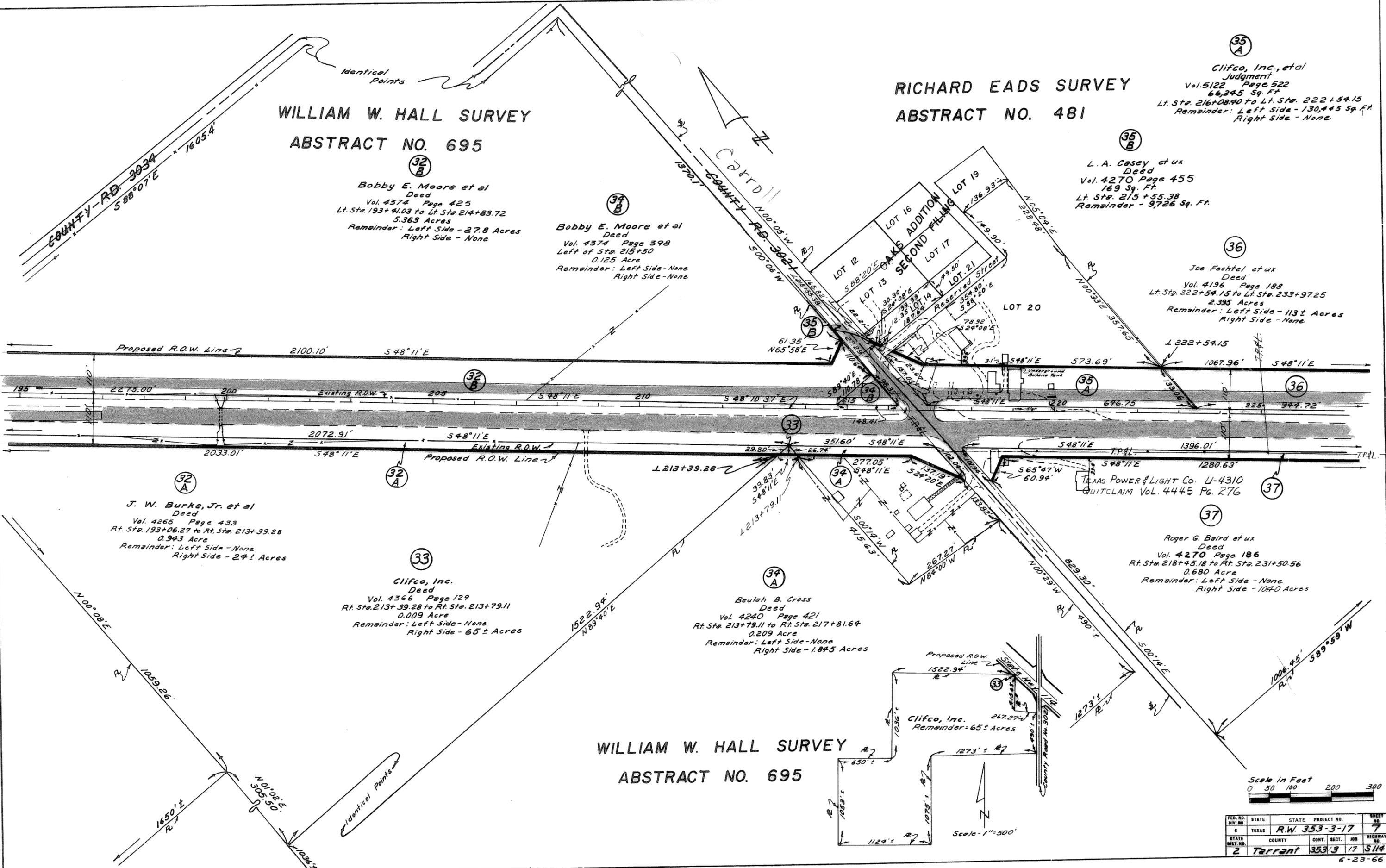
(32 A)  
J. W. Burke, Jr. et al  
Deed  
Vol. 4265 Page 433  
Rt. Sta. 193+06.27 to Rt. Sta. 213+39.28  
0.943 Acre  
Remainder: Left Side - None  
Right Side - 29 ± Acres

(33)  
Clifco, Inc.  
Deed  
Vol. 4366 Page 129  
Rt. Sta. 213+39.28 to Rt. Sta. 213+79.11  
0.009 Acre  
Remainder: Left Side - None  
Right Side - 65 ± Acres

(34 A)  
Beulah B. Cross  
Deed  
Vol. 4240 Page 421  
Rt. Sta. 213+79.11 to Rt. Sta. 217+81.64  
0.209 Acre  
Remainder: Left Side - None  
Right Side - 1.845 Acres

Clifco, Inc.  
Remainder: 65 ± Acres

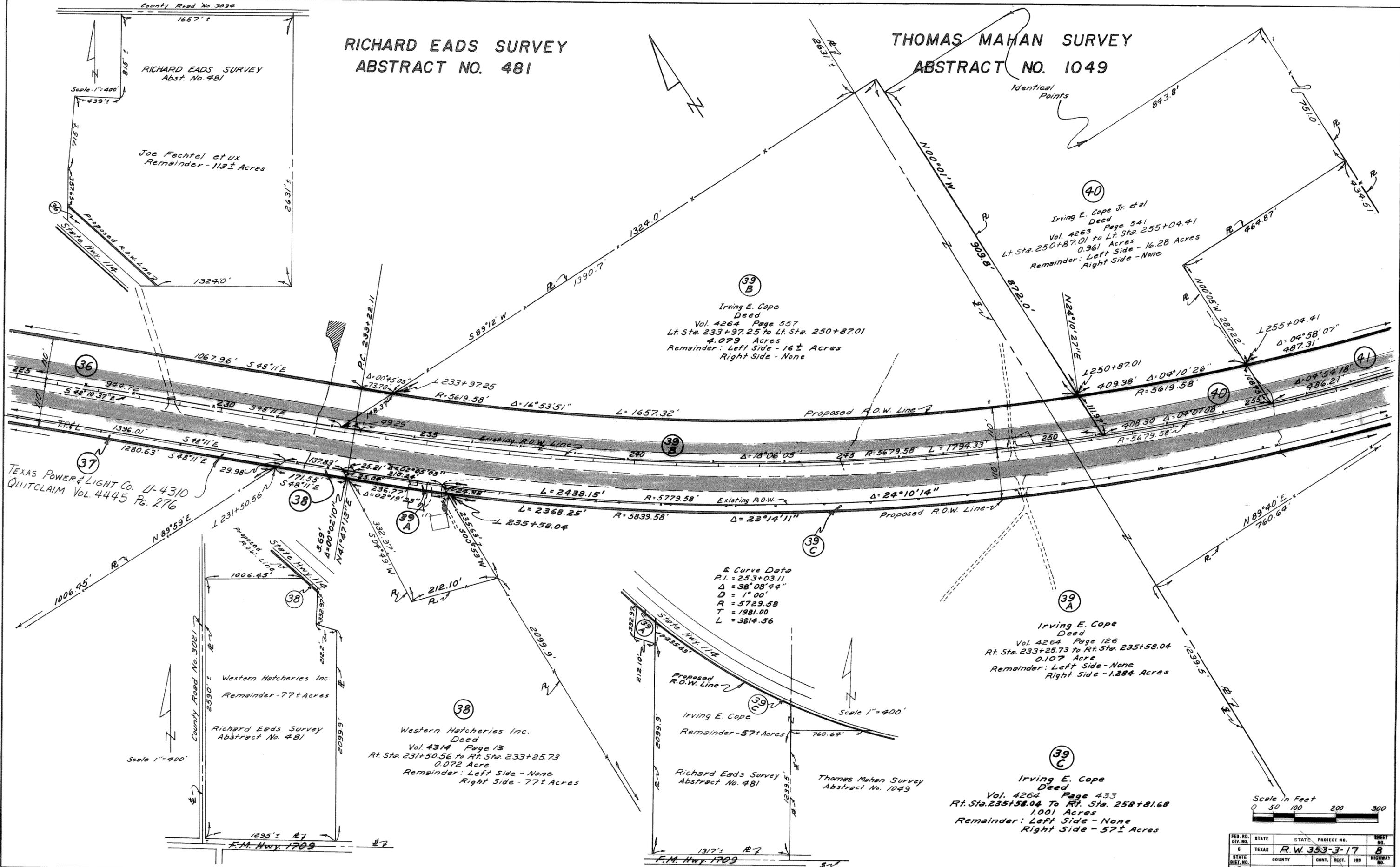
**WILLIAM W. HALL SURVEY  
ABSTRACT NO. 695**



FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	7
STATE DIST. NO.	COUNTY	CONT. SECT.	JOB HIGHWAY NO.
2	Tarrant	353.3	17 S114

**RICHARD EADS SURVEY  
ABSTRACT NO. 481**

**THOMAS MAHAN SURVEY  
ABSTRACT NO. 1049**



Scale 1" = 400'

Joe Fachtel et ux  
Remainder - 113± Acres

TEXAS POWER & LIGHT CO. U-4310  
QUITCLAIM Vol. 4445 Pg. 276

Western Hatcheries Inc.  
Remainder - 77± Acres

Richard Eads Survey  
Abstract No. 481

Scale 1" = 400'

F.M. Hwy. 1709

Irving E. Cope  
Deed  
Vol. 4264 Page 557  
Lt. Sta. 233+97.25 to Lt. Sta. 250+87.01  
4.079 Acres  
Remainder: Left Side - 16± Acres  
Right Side - None

Curve Data  
P.I. = 253+03.11  
Δ = 38° 08' 44"  
D = 1° 00'  
R = 5729.58  
T = 1981.00  
L = 3814.56

Irving E. Cope  
Remainder - 57± Acres

Richard Eads Survey  
Abstract No. 481

F.M. Hwy. 1709

Irving E. Cope Jr. et al  
Deed  
Vol. 4263 Page 541  
Lt. Sta. 250+87.01 to Lt. Sta. 255+04.41  
0.961 Acres  
Remainder: Left Side - 16.28 Acres  
Right Side - None

Irving E. Cope  
Deed  
Vol. 4264 Page 126  
Rt. Sta. 233+25.73 to Rt. Sta. 235+58.04  
0.107 Acre  
Remainder: Left Side - None  
Right Side - 1.284 Acres

Irving E. Cope  
Deed  
Vol. 4264 Page 433  
Rt. Sta. 235+58.04 to Rt. Sta. 258+81.68  
1.001 Acres  
Remainder: Left Side - None  
Right Side - 57± Acres

Scale in Feet  
0 50 100 200 300

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	8
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	Tarrant	353 3 17	5/14

**THOMAS MAHAN SURVEY  
ABSTRACT NO. 1049**

**SAMUEL FREEMAN SURVEY  
ABSTRACT NO. 525**

(49)

W. O. Werley et ux  
Deed  
Vol. 4195 Page 676  
Lt. Sta. 283+20.8 to Lt. Sta. 284+62.53  
0.331 Acre  
Remainder: Left Side - 0.29 Acre  
Right Side - None

(48)  
Ruby Wiseman et al  
Deed  
Vol. 4320 Page 174  
Lt. Sta. 278+20.49 to Lt. Sta. 283+20.86  
1.205 Acres  
Remainder: Left Side - 2.73 Acres  
Right Side - None

(44)  
Margaret Moffatt Robertson, et vir  
Deed  
Vol. 4229 Page 663  
Lt. Sta. 263+00 to Lt. Sta. 277+80  
2.761 Acres  
Remainder: Left Side - 0.378 Acre  
Right Side - None

(43 A)  
Marguerite Thompson Musick  
Deed  
Vol. 4248 Page 189  
Lt. Sta. 260+01.27 to Lt. Sta. 270+01.41  
1.345 Acres  
Remainder: Left Side - 88 ± Acres  
Right Side - None

(43 B)  
Marguerite Thompson Musick  
Deed  
Vol. 4248 Page 193  
Lt. Sta. 277+70  
0.009 Acre  
Remainder: Left Side - 16.8 ± Acres  
Right Side - None

(41)  
Florence Tillman  
Deed  
Vol. 4182 Page 609  
Lt. Sta. 255+04.41 to Lt. Sta. 260+01.27  
1.142 Acres  
Remainder: Left Side - 3.888 Acres  
Right Side - None

(42)  
Will D. Farrar  
Deed  
Vol. 4331 Page 239  
Rt. Sta. 258+81.68 to Rt. Sta. 278+02.66  
0.894 Acre  
Remainder: Left Side - None  
Right Side - 69 ± Acres

(45)  
Margaret Moffatt Robertson et vir  
Deed  
Vol. 4230 Page 429  
Rt. Sta. 278+02.66 to Rt. Sta. 279+28.48  
0.058 Acre  
Remainder: Left Side - None  
Right Side - 0.620 Acre

(46)  
Margaret Moffatt Robertson et vir  
Deed  
Vol. 4230 Page 343  
Rt. Sta. 279+28.48 to Rt. Sta. 280+73.55  
0.064 Acre  
Remainder: Left Side - None  
Right Side - 3.5 ± Acres

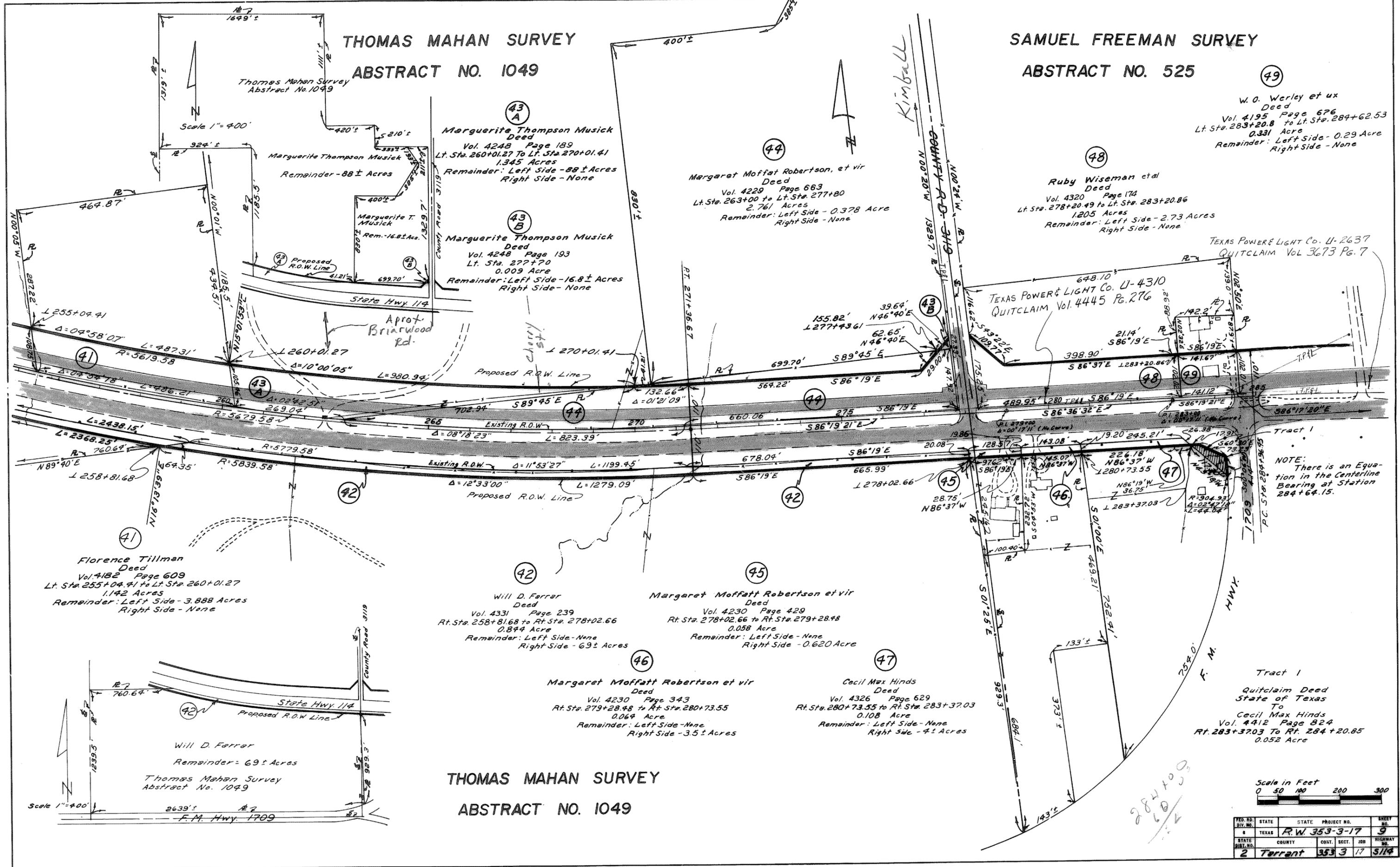
(47)  
Cecil Max Hinds  
Deed  
Vol. 4326 Page 629  
Rt. Sta. 280+73.55 to Rt. Sta. 283+37.03  
0.108 Acre  
Remainder: Left Side - None  
Right Side - 4 ± Acres

Tract 1  
Quitclaim Deed  
State of Texas  
To  
Cecil Max Hinds  
Vol. 4412 Page 824  
Rt. Sta. 283+37.03 to Rt. Sta. 284+20.85  
0.052 Acre

**THOMAS MAHAN SURVEY  
ABSTRACT NO. 1049**



FED. RD. DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
2	TEXAS	R.W. 353-3-17	9
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	Tarrant	353 3 17	5114

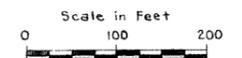
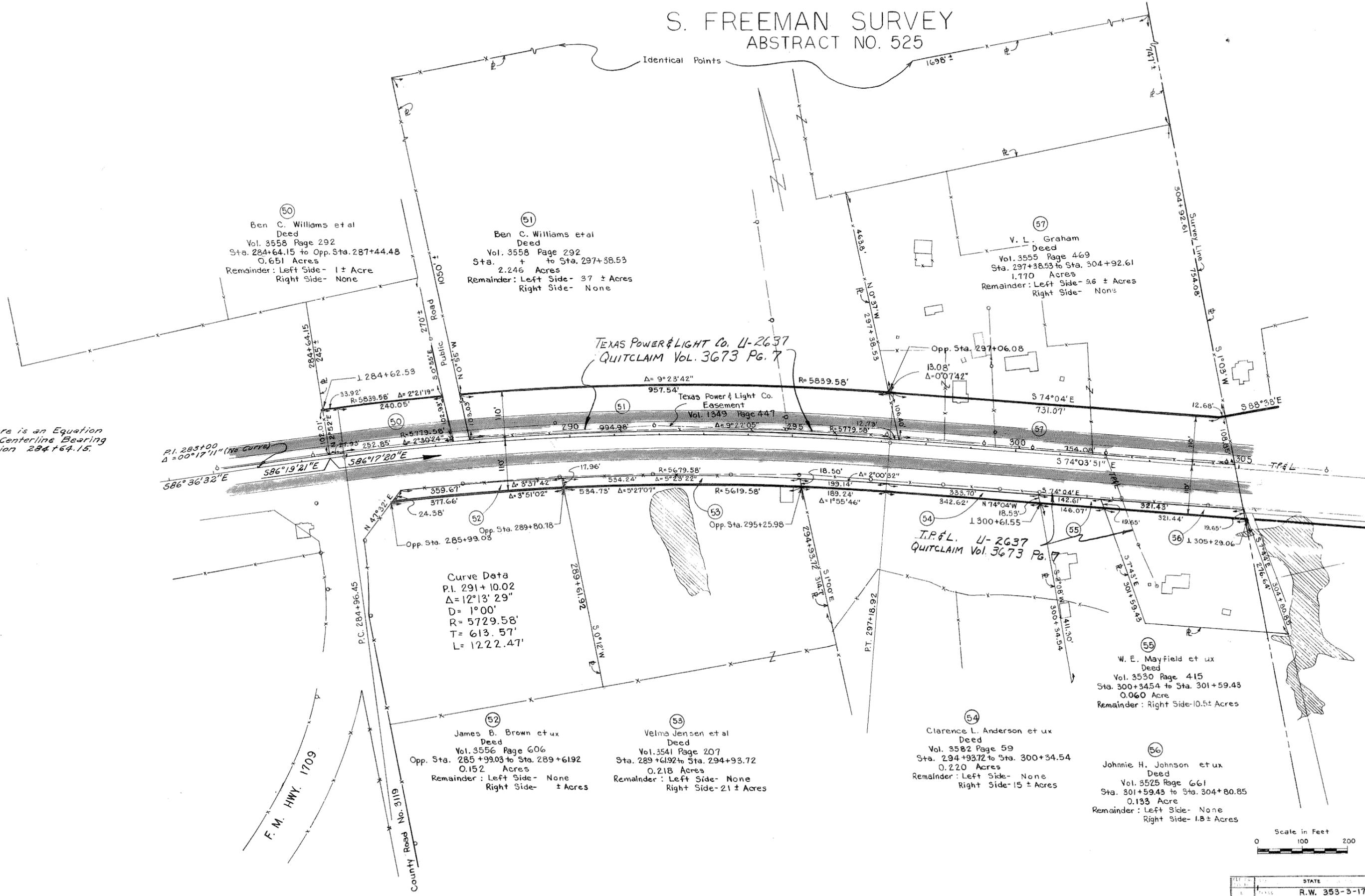


NOTE: There is an Equation in the Centerline Bearing at Station 284+64.15.

284+64.15

# S. FREEMAN SURVEY ABSTRACT NO. 525

NOTE:  
There is an Equation  
in the Centerline Bearing  
at Station 284+64.15.



STATE				
1	3555	R.W. 353-3-17	10	
2	TARRANT	353	3	17 ST. 114

OAK KNOLLS LAKEVIEW ADDITION, GRAPEVINE, TEXAS

PARCEL NO.	BLOCK NO.	LOT NO.	OWNER	TYPE OF CONV.	CONVEYANCE VOL. PAGE	AREA ACQUIRED	REMAINDER RT	REMAINDER LT
61	B	1	Jack A. Youngblood et ux	Deed	3523 172	20,000	0	0
62	B	2	Wayne C. Goodenough et ux	"	3519 260	20,000	0	0
63	B	3	Jack A. Youngblood et ux	"	3523 172	20,000	0	0
64	B	4	"	"	"	19,319	0	0
65	B	5	"	"	"	18,391	0	0
66	B	6	"	"	"	17,575	0	0
67	B	7	"	"	"	16,552	0	946
68	B	8	"	"	"	15,664	0	2,733
69	B	9	"	"	"	14,449	0	4,532
70	B	10	"	"	"	12,913	0	6,402
71	B	11	"	"	"	12,224	0	9,901
72	B	12	"	"	3523 172	12,224	0	9,901

58  
Finney D. Fry et al  
Deed  
Vol. 3827 Page 115  
Sta. 304+87.11 to Sta. 305+99.11  
0.297 Acres  
Remainder: Left Side-40.7± Acres  
Right Side- None

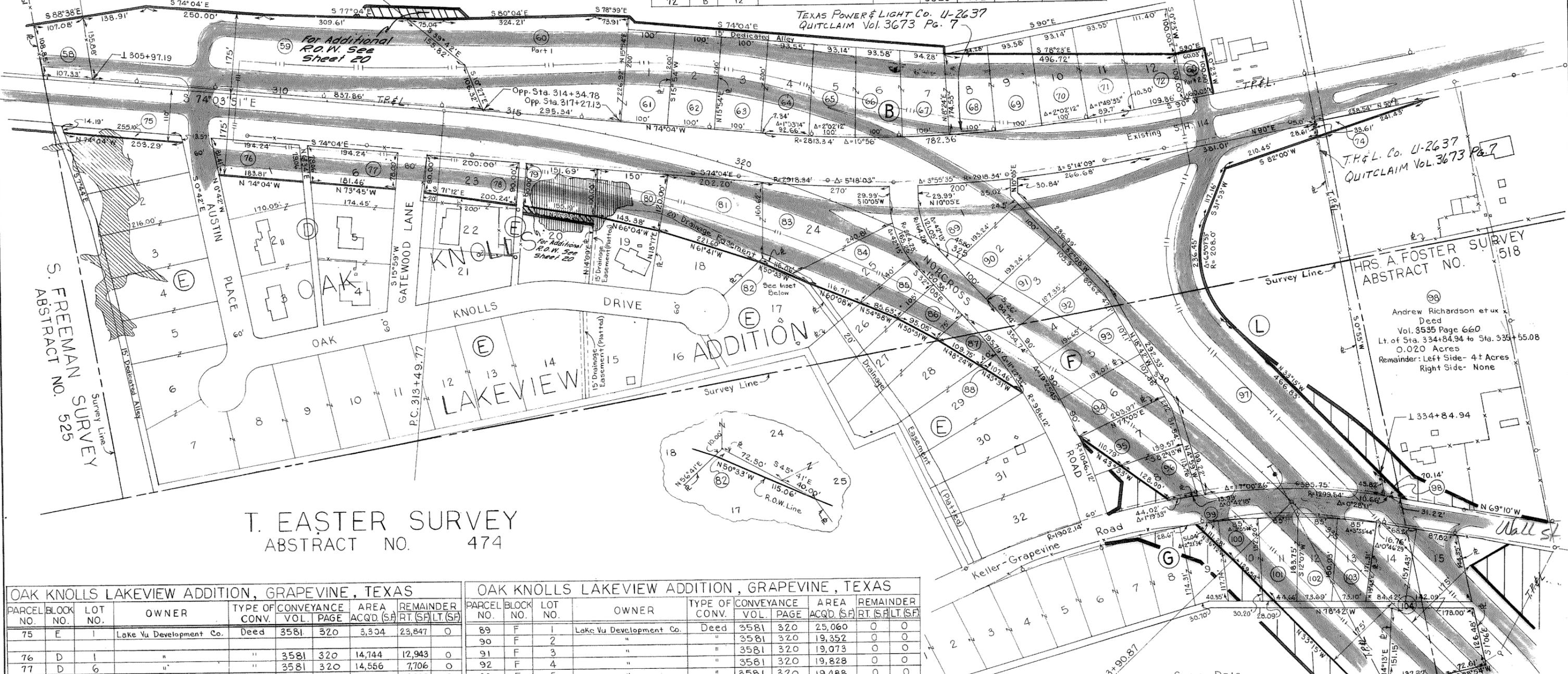
T. EASTER SURVEY  
ABSTRACT NO. 458

59  
Frank H. Austin  
Deed  
Vol. 3580 Page 519  
Sta. 305+99.11 to Opp. Sta. 314+34.78  
3.078 Acres  
Remainder: Left Side- 4 ± Acres  
Right Side- None

60  
Jack A. Youngblood et ux  
Deed  
Vol. 3541 Page 511  
Opp. Sta. 314+34.78 to Opp. Sta. 317+27.13  
Part 1 - 1.746 Acres  
Approximately 560 Feet Left of Sta. 327+46.42  
Part 2 - 0.138 Acre  
Remainder: Left Side- 30.5± Acres

T. MAHAN SURVEY  
ABSTRACT NO. 1050

74  
Charles W. Flanery et ux  
Deed  
Vol. 3531 Page 676  
0.092 Acres  
Remainder: 5± Acres



T. EASTER SURVEY  
ABSTRACT NO. 474

OAK KNOLLS LAKEVIEW ADDITION, GRAPEVINE, TEXAS

PARCEL NO.	BLOCK NO.	LOT NO.	OWNER	TYPE OF CONV.	CONVEYANCE VOL. PAGE	AREA ACQ'D (±)	REMAINDER RT (±)	REMAINDER LT (±)
75	E	1	Lake Vu Development Co.	Deed	3581 320	3,304	23,847	0
76	D	1	"	"	3581 320	14,144	12,943	0
77	D	6	"	"	3581 320	14,566	7,706	0
78	E	23	K.H. Hudiburg	"	3563 281	17,000	3,000	0
79	E	20	Lake Vu Development Co.	"	3581 320	14,551	24,381	0
80	E	19	Gus N. Linthicum et ux	"	3605 670	16,057	19,100	0
81	E	18	Lake Vu Development Co.	"	3581 320	30,600	20,300	0
82	E	17	John E. Quinn et ux	"	3580 311	549	37,700	0
83	E	24	Lake Vu Development Co.	"	3581 320	39,583	0	0
84	E	25	"	"	3581 320	20,730	3,459	0
85	E	26	"	"	3581 320	9,098	14,600	0
86	E	27	"	"	3581 320	8,101	21,023	0
87	E	28	"	"	3581 320	6,257	22,694	0
88	E	29	"	"	3581 320	2,083	22,317	0

OAK KNOLLS LAKEVIEW ADDITION, GRAPEVINE, TEXAS

PARCEL NO.	BLOCK NO.	LOT NO.	OWNER	TYPE OF CONV.	CONVEYANCE VOL. PAGE	AREA ACQ'D (±)	REMAINDER RT (±)	REMAINDER LT (±)
89	F	1	Lake Vu Development Co.	Deed	3581 320	25,060	0	0
90	F	2	"	"	3581 320	19,352	0	0
91	F	3	"	"	3581 320	19,073	0	0
92	F	4	"	"	3581 320	19,828	0	0
93	F	5	"	"	3581 320	19,488	0	0
94	F	6	Nat L. Walters	"	3580 517	19,696	0	0
95	F	7	G.W. Reneau et ux	"	3580 522	17,533	2,679	0
96	F	8	"	"	3580 522	10,628	9,178	0
99	G	9	Lake Vu Development Co.	"	3581 320	1,556	11,881	0
100	G	10	"	"	3581 320	8,695	5,484	0
101	G	11	"	"	3581 320	14,046	424	0
102	G	12	"	"	3581 320	14,458	0	0
103	G	13	"	"	3581 320	13,878	0	0
104	G	14, 15	Tarrant Baptist Assoc.	"	3557 528	*30,776	0	0
97	L	-	Lake Vu Development Co.	"	3581 320	222,160	0	142,227

Curve Data  
P.I. 324 + 15.80  
Δ = 40°49'19"  
D = 2°00'  
T = 1066.03'  
R = 2864.79'  
L = 2041.10'

\* And also 0.627 Acres out of the Heirs of Ambrose Foster Survey, Abstract No. 518, and the Thomas Easter Survey, Abstract No. 474.

Scale in Feet  
0 100 200

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	11
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114

FOR ADDITIONAL R.O.W. SEE SHEET 20

HRS. A. FOSTER SURVEY  
ABSTRACT NO. 518

(108)  
C. A. Breaux et ux  
Deed  
Vol. 3520 Page 413  
Sta. 343+62.43 to Sta. 345+58.32  
1.759 Acres  
Remainder: Left Side-11.9± Acres  
Right Side- None

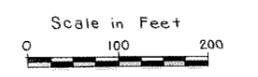
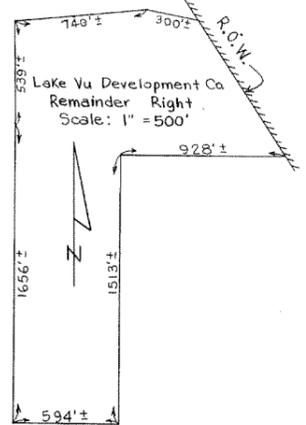
(109)  
Alma Corbin  
Deed  
Vol. 3572 Page 185  
Sta. 345+58.32 to Sta. 349+17.43  
2.885 Acres  
Remainder: Left Side-1.3± Acres  
Right Side-4.6± Acres

(111)  
Ann B. Lancaster et al  
Deed  
Vol. 3855 Page 499  
Sta. 363+63.02 to Sta. 365+51.99  
1.666 Acres  
Remainder: Left Side-67± Acres  
Right Side- None

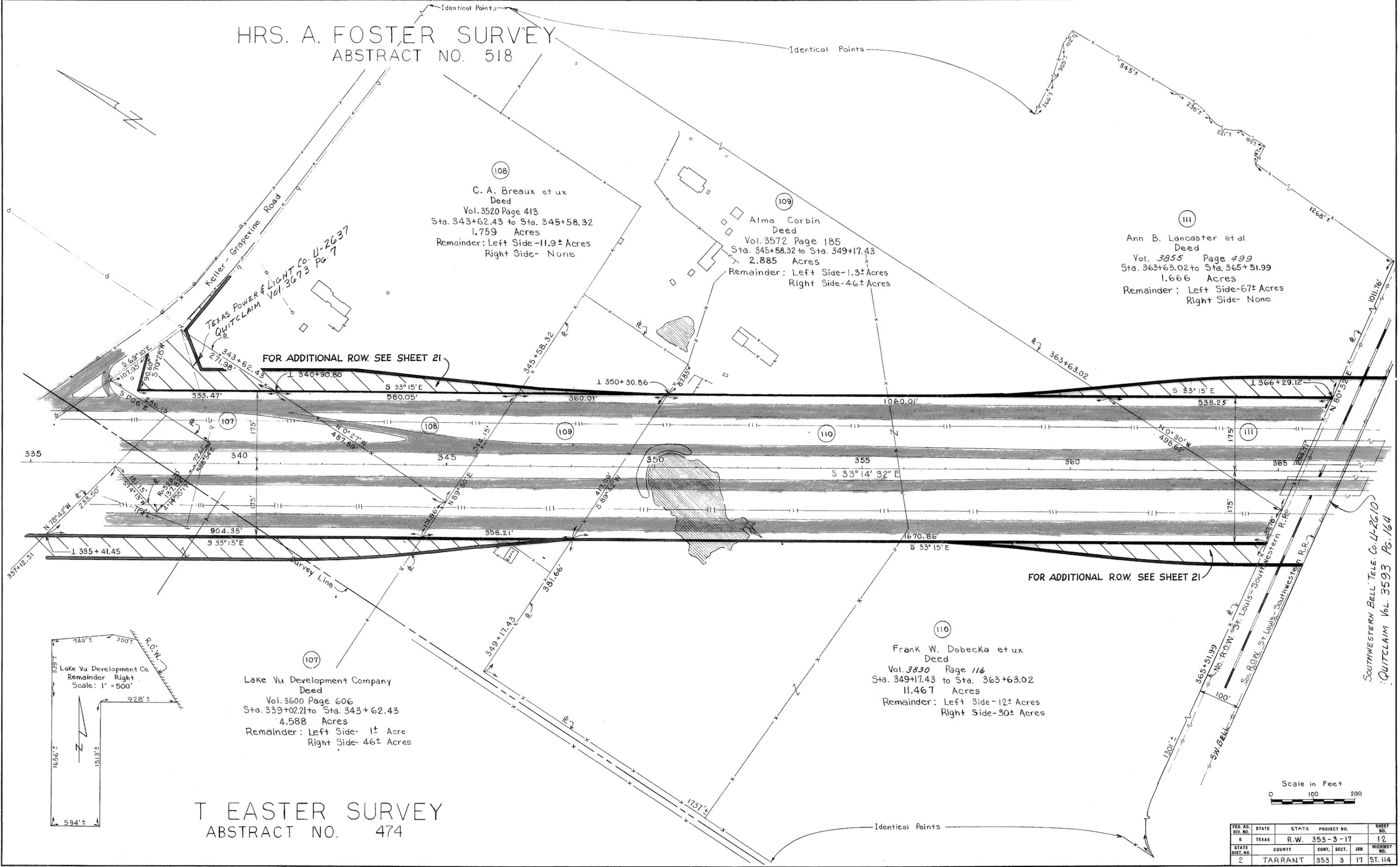
(110)  
Frank W. Dobecka et ux  
Deed  
Vol. 3830 Page 116  
Sta. 349+17.43 to Sta. 363+63.02  
11.467 Acres  
Remainder: Left Side-12± Acres  
Right Side-30± Acres

(107)  
Lake Vu Development Company  
Deed  
Vol. 3600 Page 606  
Sta. 339+02.21 to Sta. 343+62.43  
4.588 Acres  
Remainder: Left Side- 1± Acre  
Right Side- 46± Acres

T EASTER SURVEY  
ABSTRACT NO. 474



FED. RD. DIST. NO.	STATE	PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	12
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114



HRS. A. FOSTER SURVEY  
ABSTRACT NO. 518

Curve Data  
P.I. 396+24.92  
 $\Delta = 51^{\circ}41'30''$   
D = 2°00'  
T = 1387.72'  
R = 2864.79'  
L = 2584.58'

(114)  
E. P. Williamson  
Deed  
Vol. 3589 Page 610  
Sta. 386+36.12 to Sta. 393+49.31  
5.775 Acres  
Remainder: Left - 75± Acres  
Right - 0.6± Acres

E. P. Williamson  
Remainder Left  
Scale: 1" = 600'

☉ S.H. 114 Sta. 367+04.65  
☉ S.H. 121 Sta. 412+12.40

TEXAS POWER & LIGHT CO. U-2637  
QUITCLAIM VOL. 3673 PG 7

FOR ADDITIONAL ROW. SEE SHEET 22

FOR ADDITIONAL ROW. SEE SHEET 22

F. W. Roberts et ux  
Deed  
Vol. 3558 Page 296  
Sta. 367+59.93 to Sta. 386+36.12  
Part 1 - 25.868 Acres  
Sta. 393+49.31 to Sta. 394+81.48  
Part 2 - 1.267 Acres  
Remainder: Left Side - 9± Acres  
Right Side - 74± Acres

F. W. Roberts  
Remainder Right  
Scale: 1" = 600'

(113)  
J. D. Self et ux  
Deed  
Vol. 3528 Page 503  
Rt. of Sta. 367+59.93 to Sta. 370+40.30  
1.956 Acres  
Remainder: Left Side - None  
Right Side - 89± Acres

Scale in Feet  
0 100 200

HRS. J. B. FAY SURVEY  
ABSTRACT NO. 530

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R W 353-3-17	13
STATE DIST. NO.	COUNTY	CONT. SECT.	JOB HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114

HRS. A. FOSTER SURVEY  
ABSTRACT NO. 518

WM. DOOLEY SURVEY  
ABSTRACT NO. 422

Curve Data  
P.I. 396+24.92  
 $\Delta = 51^{\circ} 41' 30''$   
D = 2' 00"  
T = 1387.72'  
R = 2864.79'  
L = 2584.58'

115  
Tom C. Waldrop  
Deed  
Vol. 3546 Page 143  
Lt. Sta. 395+81.20 to Sta. 396+85.31  
0.108 Acres  
Remainder: Left Side-3.5± Acres  
Right Side- None

± S.H. 114 Sta. 395+31.07  
± F.M. 157 Sta. 29+2725



116  
Texas Power & Light Co.  
Easement  
Vol. 3225 Page 303

116  
L. B. Bowen et ux  
Deed  
Vol. 3558 Page 305  
Sta. 395+81.20 to Sta. 401+96.54  
5.064 Acres  
Remainder: Left Side- 1± Acres  
Right Side- 21± Acres

117E  
R. F. Myers  
Channel Easement  
Vol. 3558 Page 301  
Rt. Sta. 408+23.04  
0.115 Acres

117  
R. F. Myers et al  
Deed  
Vol. 3558 Page 301  
Sta. 402+52.59 to Sta. 422+21.02  
15.817 Acres  
Remainder: Left Side- 15± Acres  
Right Side- 29± Acres

WM. BRADFORD SURVEY  
ABSTRACT NO. 131

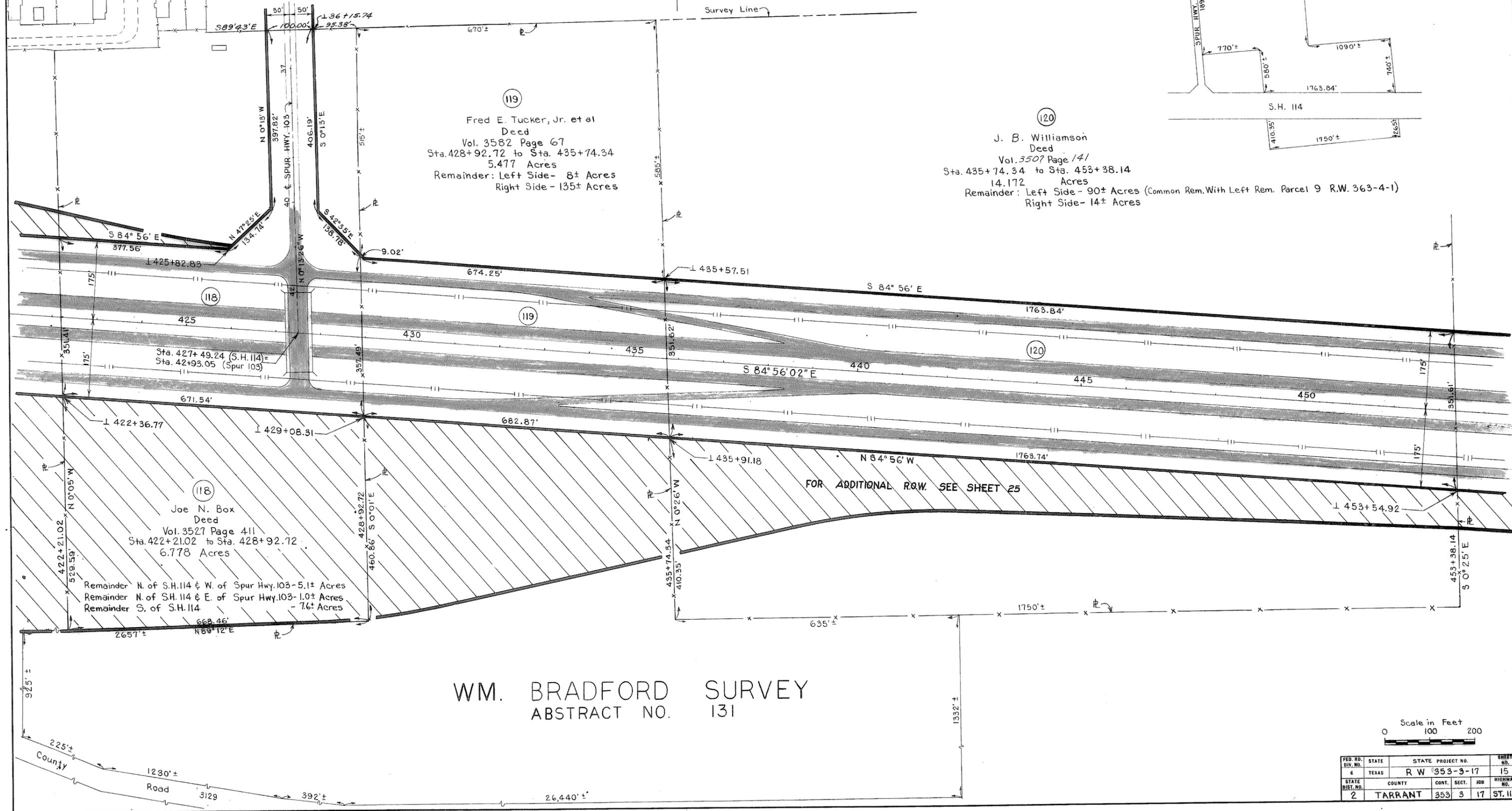
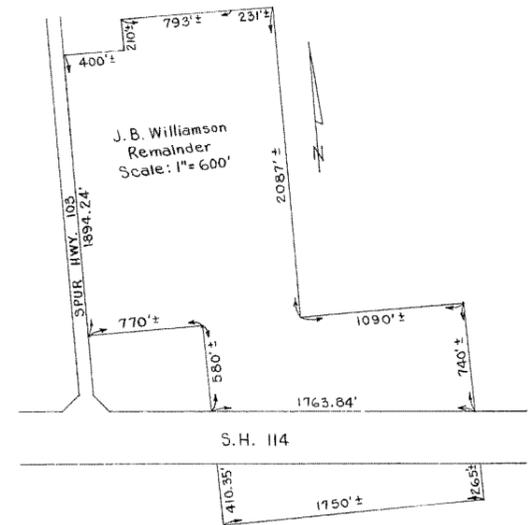
FOR ADDITIONAL ROW SEE SHEET 24

Scale in Feet  
0 100 200

J. B. FAY SURVEY  
ABSTRACT NO. 530

FED. NO.	STATE	STATE	PROJECT NO.	SHEET NO.
6	TEXAS	R W	353-3-17	14
STATE DIST. NO.	COUNTY	CONT. SECT.	JOB	HIGHWAY NO.
2	TARRANT	353 3	17	ST. 114

WM. DOOLEY SURVEY  
ABSTRACT NO 422



WM. BRADFORD SURVEY  
ABSTRACT NO. 131

Scale in Feet  
0 100 200

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R W 353-3-17	15
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114





J.C. OWEN SURVEY  
ABSTRACT NO. 1194

Identical Points

TRACT 301

STATE OF TEXAS  
TO  
CITY OF FORT WORTH & DALLAS  
QUITCLAIM DEED

35.118 Ac.  
Tarrant Co. Vol. 7033 Page 196  
Dallas Co. Vol. 80240 Page 237

(127)  
Robert E. Crews et ux  
Deed  
Vol. 3527 Page 416  
Sta. 535+37.49 to Sta. 561+75.24  
14.723 Acres  
Remainder: Left Side- 117.8 ± Acres  
Right Side- None

TRACT 300

TRACT 301

QUITCLAIM Vol. 3673 Pg. 7  
TEXAS POWER & LIGHT Co. 11-2637  
(126)

(126)  
C. J. Wall, Trustee  
Deed  
Vol. 3541 Page 202  
Sta. 535+37.49 to Opp. Sta. 550+63.23  
12.094 Acres  
Remainder: Left Side- None  
Right Side- 13.0 ± Acres

(124)  
Heirs of B.R. Wall Estate  
Deed  
Vol. 3532 Page 205  
Sta. 523+24.80 to Sta. 533+91.70  
13.505 Acres  
Remainder: Left Side- 2.7 ± Acres  
Right Side- 43.8 ± Acres

(125)  
C. J. Wall  
Deed  
Vol. 3528 Page 228  
Sta. 533+00 to Sta. 540+50  
5.487 Acres  
Remainder: Left Side- None  
Right Side- 70.1 ± Acres

WM. BRUTON SURVEY  
ABSTRACT NO. 112

Curve Data  
P.I. 554+61.22  
 $\Delta = 14^\circ 13' 42''$   
D = 1°00'  
T = 715.10'  
R = 5729.58'  
L = 1422.83'

Scale in Feet  
0 100 200

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R W 353-3-17	18
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114

SEE SHEET 30 FOR EASEMENT

J.C. OWEN SURVEY  
ABSTRACT NO. 1194

S.C.T. FORD SURVEY  
ABSTRACT NO. 512

S.C.T. FORD SURVEY  
ABSTRACT NO. 1621

FOR EASEMENT  
SEE SHEET 30

Adella Saunders et al  
Deed  
Vol. 3665 Page 155  
Opp. Sta. 561+75.24 to Sta. 571+18.07  
7.902 Acres  
Remainder: 113.4± Acres (Common Remainder with Parcel 1 in Dallas County, R.W. 353-4-21)

Adella Saunders et al  
Channel Easement  
Vol. 3665 Page 155  
0.917 Acre  
Left Sta. 567+89.93

Adella Saunders et al  
Channel Easement  
Vol. 3665 Page 157  
0.550 Acre  
Left Sta. 571+18.07

TRACT 303

STATE OF TEXAS  
TO  
CITY OF FORT WORTH & DALLAS  
QUITCLAIM DEED

1.428 Ac.

Tarrant Co. Vol. 7033 Page 1961  
Dallas Co. Vol. 80240 Page 2337  
Opp. Sta. 567+89.93

TRACT 303

END R.W. 353-3-17  
STA. 571+18.07  
BEGIN R.W. 353-4-21  
STA. 0+00

7.83' 1 561+76.78

Opp. Sta. 569+00.90

$\Delta = 14^\circ 13' 42''$  R=5904.58'  
1466.29'

R=5904.58'

TRACT 301

S 89°56'08" E

Survey Line

Opp. Sta. 550+63.23

(128)  
Part 1

(128)  
Verdie Lipscomb Stewart  
Deed

Vol. 3599 Page 78  
Opp. Sta. 550+63.23 to Sta. 555+84.79  
Part 1- 0.369 Acre  
Opp. Sta. 569+75.81 to Sta. 571+18.07  
Part 2- 0.030 Acre  
Remainder: 133.3± Acres (Common Remainder with Parcel 2 in Dallas County, R.W. 353-4-21)

Curve Data  
P.I. 554+61.22  
 $\Delta = 14^\circ 13' 42''$   
D = 1° 00'  
R = 5729.58'  
T = 715.10'  
L = 1422.83'

WILLIAM BRUTON SURVEY  
ABSTRACT NO. 112

TRACT 302

(128)  
Verdie Lipscomb Stewart  
Channel Easement  
Vol. 3599 Page 83  
1.082 Acres  
Rt. Sta. 566+91.35

Curve Data  
P.I. 579+93.27  
 $\Delta = 30^\circ 03'$   
D = 1° 00'  
R = 5729.58'  
T = 1537.92'  
L = 3005.00'

TRACT 302  
STATE OF TEXAS  
TO  
CITY OF FORT WORTH & DALLAS  
QUITCLAIM DEED

1.082 Ac.

Tarrant Co. Vol. 7033 Page 1961  
Dallas Co. Vol. 80240 Page 2337

WM. BRUTON SURVEY  
ABSTRACT NO. 1695

Scale in Feet  
0 100 200

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R W 353-3-17	19
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	ST. 114

OAK KNOLLS LAKEVIEW ADDITION

Parcel No.	Block No.	Lot No.	Owner	Taking (S.F.)		Rem. (S.F.)		Recording	
				(S.F.)	East	West	Vol.	Page	
233	F	7	L. W. Parker, Jr., Trustee	1,277	0	1,407	5770	908	
	F	8	" " " "	5,211	0	3,944	"	"	
196B	G	8	Nancy Jean Galletta, et al	3,653	0	11,026	6715	2236	
197	G	9	" " " "	6,604	0	5,472	6766	1703	
198	G	10	" " " "	5,146	0	336	6715	1418	
199	G	11	" " " "	424	0	0	6715	2250	
200	L	-	Bryan Snowden	10,088	119,786	0	6706	454	
196A	G	7	Nancy Jean Galletta, et al	647		14,663	6715	2243	
193(TE)	E	17	John E. Quinn	2,502	Whole Property	36,500	7132	513	
189	E	20	Gus N. Linthicum et ux	2,419	21,200		6876	1425	
189(TE)	E	20	Gus N. Linthicum et ux	1,566			6876	1520	
187(TE)	E	19	Gus N. Linthicum et ux	4,199	Whole Prop.	18,000	6876	1512	
188(TE)	E	18	Gus N. Linthicum et ux	6,494	Whole Prop.	19,300	6876	1516	

(191)  
Mel Hobratsch, Nominee  
Deed  
Vol. 7020 Page 1126  
Lt. Sta. 312+26.06  
0.081 Ac.  
Remainder Lt. Side = 13.8 Ac. ±  
Rt. Side = None

(201 B)  
Edith Richardson Tillery  
Deed  
Vol. 6717 Page 2327  
Lt. Sta. 338+08.69  
0.011 Ac.  
Remainder Left Side = 2.1 Ac. ±  
Right Side = None

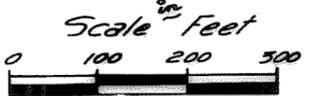
(201 A)  
Ava G. Herndon  
Deed  
Vol. 6717 Page 2333  
Lt. Sta. 334+53.77  
0.214 Ac.  
Remainder Left Side = 1.9 Ac.  
Right Side = None

(190)  
Bryant R. Ferguson  
Deed  
Vol. 6973 Page 1647  
Lt. Sta. 311+50.00  
0.046 Ac.  
Remainder Lt. Side = 4 Ac. ±  
Rt. Side = None

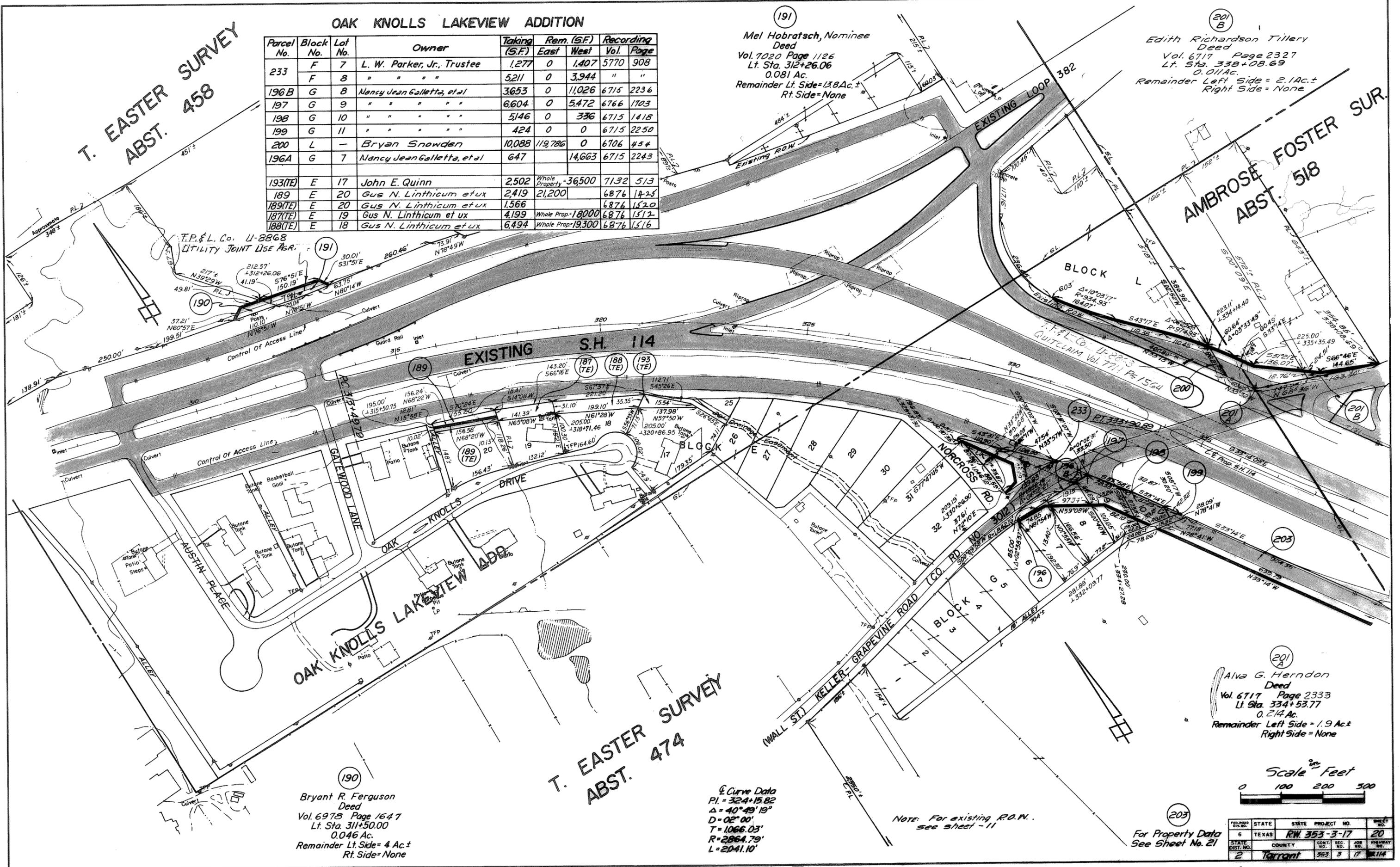
Curve Data  
PI = 324+15.82  
Δ = 40° 43' 13"  
D = 02° 00'  
T = 1066.03'  
R = 2864.79'  
L = 2041.10'

Note: For existing R.O.M., see sheet - 11

For Property Data See Sheet No. 21



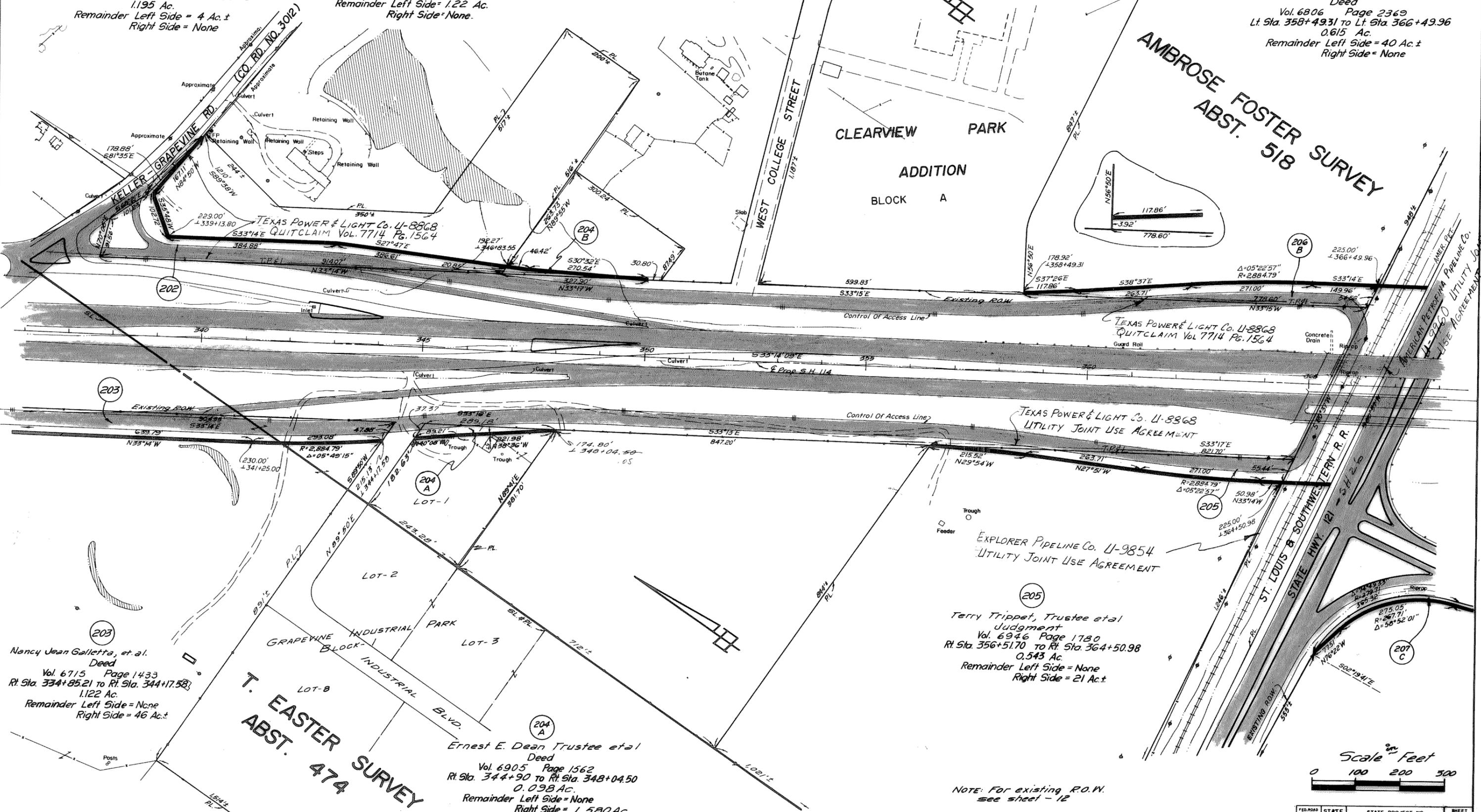
PARCEL DIST. NO.	STATE	COUNTY	CON. NO.	SEC. NO.	JOB NO.	HIGHWAY NO.
6	TEXAS	Tarrant	353	3	17	114



202  
 Victor C. Bilbo, Jr., Trustee  
 Deed  
 Vol. 6734 Page 183  
 Lt. Sta. 337+65.1 to Lt. Sta. 346+83.55  
 1.195 Ac.  
 Remainder Left Side = 4 Ac. ±  
 Right Side = None

204 B  
 Ernest E. Dean Trustee et al  
 Deed  
 Vol. 6905 Page 1556  
 Lt. Sta. 346+83.55 to Lt. Sta. 350+00.00  
 0.059 Ac.  
 Remainder Left Side = 1.22 Ac.  
 Right Side = None

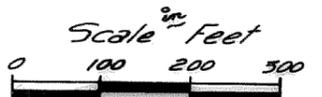
206 B  
 Dr. Edgar Lee Lancaster Jr. et ux  
 Deed  
 Vol. 6806 Page 2363  
 Lt. Sta. 358+49.31 to Lt. Sta. 366+49.96  
 0.615 Ac.  
 Remainder Left Side = 40 Ac. ±  
 Right Side = None



203  
 Nancy Jean Galletta, et. al.  
 Deed  
 Vol. 6715 Page 1433  
 Rt. Sta. 334+85.21 to Rt. Sta. 344+17.58  
 1.122 Ac.  
 Remainder Left Side = None  
 Right Side = 46 Ac. ±

204 A  
 Ernest E. Dean Trustee et al  
 Deed  
 Vol. 6905 Page 1562  
 Rt. Sta. 344+90 to Rt. Sta. 348+04.50  
 0.098 Ac.  
 Remainder Left Side = None  
 Right Side = 1.580 Ac.

205  
 Terry Trippel, Trustee et al  
 Judgment  
 Vol. 6946 Page 1780  
 Rt. Sta. 356+51.70 to Rt. Sta. 364+50.98  
 0.543 Ac.  
 Remainder Left Side = None  
 Right Side = 21 Ac. ±



NOTE: For existing R.O.W. see sheet - 12

FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	21
STATE DIST. NO.	COUNTY	CON. NO.	SEC. NO.
2	Tarrant	353	3
		JOB NO.	HIGHWAY NO.
		17	SH 114

206  
B  
For Property Data  
See Sheet No. 21

207  
A  
Gary Kirkland, Trustee  
Deed  
Vol. 5885 Page 403  
Lt. Sta. 371+31.47 to Lt. Sta. 381+16.14  
2.835 Ac.  
Remainder Left Side = 6.1 Ac. ±  
Right Side = None

234  
Part-1  
Royal Industries, Inc. et al  
Deed  
Vol. 5765 Page 892  
Lt. Sta. 396+41.01 to Lt. Sta. 398+00.00  
0.262 Ac.  
Remainder Left Side = 1.530 Ac.  
Right Side = None

234  
Part-2  
For Property Data  
See Sheet No. 24

207  
B  
Claudia Chastant Shroyer  
Deed  
Vol. 6486 Page 41  
Lt. Sta. 381+16.14 to Lt. Sta. 395+33.78  
4.651 Ac.  
Remainder Left Side = 2.6 Ac. ±  
Right Side = None

AMBROSE FOSTER SURVEY  
ABST. 518

HEIRS OF J. B. FAY  
SURVEY 530  
ABST. 530

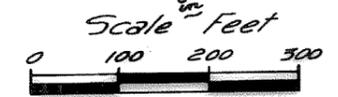
207  
C  
Archie B. Scott, Trustee  
Deed  
Vol. 6741 Page 1507  
Rt. Sta. 365+40.18 To Rt. Sta. 370+56.57  
0.131 Ac.  
Remainder Lt. Side = None  
Rt. Side = 12 Ac. ±

208  
Nancy Ellen Holmes et al  
Deed  
Vol. 6618 Page 313  
Rt. Sta. 370+40 ± to Rt. Sta. 388+62.57  
4.084 Ac.  
Remainder Left Side = None  
Right Side = 30 Ac. ±

208  
E  
Nancy Ellen Holmes et al  
Channel Easement  
Vol. 6618 Page 322  
Rt. Sta. 384+30.05  
0.649 Ac.

209 212  
For Property Data  
See Sheet No. 23

NOTE: For existing R.O.W.  
see sheet - 13



FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	22
STATE DIST. NO.	COUNTY	CONTRACT NO.	JOB NO.
2	TARRANT	353	3
			17
			SH. 114

**AMBROSE FOSTER SURVEY  
ABST. 518**

**HEIRS OF J. B. FAY SURVEY  
ABST. 530**

211 A  
\* City of Ft. Worth & Dallas Deed  
Rt. Sta. 394+17.93  
0.422 Ac.  
Tarrant Co. Vol. 7030 Page 1530  
Dallas Co. Vol. 80236 Page 1004

211 B  
James F. Mason Trustee Deed  
Vol. 6672 Page 362  
Rt. Sta. 395+27.60  
0.233 Ac.  
Remainder = 15.90 Ac.

\* This parcel was not acquired by the City of Ft. Worth for public road purposes.

209  
Mabra, Fisher, Welborn Joint Venture No. 1 Deed  
Vol. 5762 Page 951  
Rt. Sta. 388+62.57 to Rt. Sta. 394+20±  
1.793 Ac.  
Remainder Left Side = None  
Right Side = 11.2 Ac. ±

212  
Justin S. Mc Carty Jr. et al Deed  
Vol. 5351 Page 101  
Rt. Sta. 395+27.60 To Rt. Sta. 402+88.60  
Part 1 = 2.779 Ac.  
Lt. Sta. 600+60.79 To Lt. Sta. 607+57.34  
Part 2 = 2.271 Ac.

NOTE: For existing R.O.W. see sheets 13 & 14



FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
2	TEXAS	R.W. 353-3-17	23
STATE DIST. NO.	COUNTY	CURT. SECT. JOB	HIGHWAY NO.
2	Tarrant	353 3 17	S.H. 114

S.H. 114 & Curve Data  
 PI=396+26.78  
 D=2°00'  
 R=2,864.79'  
 Δ=51°41'51"  
 T=1,387.90'  
 L=2,584.87'

234  
 Part-1  
 For Property Data  
 See Sheet No. 22

234  
 Part-2  
 Royal Industries Inc. et al  
 Deed  
 Vol. 5765 Page 892  
 Lt. Sta. 398+00.00 to Lt. Sta. 401+29.84  
 0.526 Ac.  
 Remainder Left Side = 0.4 Ac.  
 Right Side = None

216  
 James F. Mason, Trustee  
 Deed  
 Vol. 5757 Page 733  
 Lt. Sta. 401+88.60 to Lt. Sta. 422+00.03  
 2.098 Ac.  
 Remainder Left Side = 13 Ac.±  
 Right Side = None

217  
 First National Bank of Grapevine  
 Deed  
 Vol. 5763 Page 406  
 Lt. Sta. 422+00.03 to Lt. Sta. 425+93.66  
 0.289 Ac.  
 Remainder Left Side = 4.7 Ac.±  
 Right Side = None

AMBROSE FOSTER SURVEY ABST. 518

215 (E)  
 M. L. Godwin et al  
 Channel Easement  
 Vol. 5428 Page 480  
 Rt. Sta. 410+15.89  
 1.113 Ac.

HEIRS OF J. B. FAY SURVEY ABST. 530

212  
 For Property Data  
 See Sheet No. 23

R.O.W. To Be Acquired  
 Under 8002-1-16

EXISTING S.H. 114

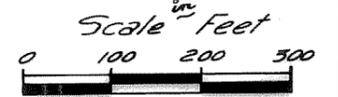
GENERAL TELEPHONE CO. OF THE SOUTHWEST LI-1128  
 UTILITY JOINT USE AGREEMENT

WILLIAM BRADFORD SURVEY ABST. 131

218  
 R.F. Myers et al  
 Judgment  
 Vol. 7105 Page 1788  
 Rt. Sta. 606+85± to Rt. Sta. 422+84.81  
 27.792 Ac.  
 Whole Taking

S.H. 121 & Curve Data  
 P.I. 605+21.19  
 Δ=57°38'55"  
 D=01°00'00"  
 R=5,729.58'  
 T=3,153.03'  
 L=5,764.87'

215 219  
 For Property Data  
 See Sheet No. 25

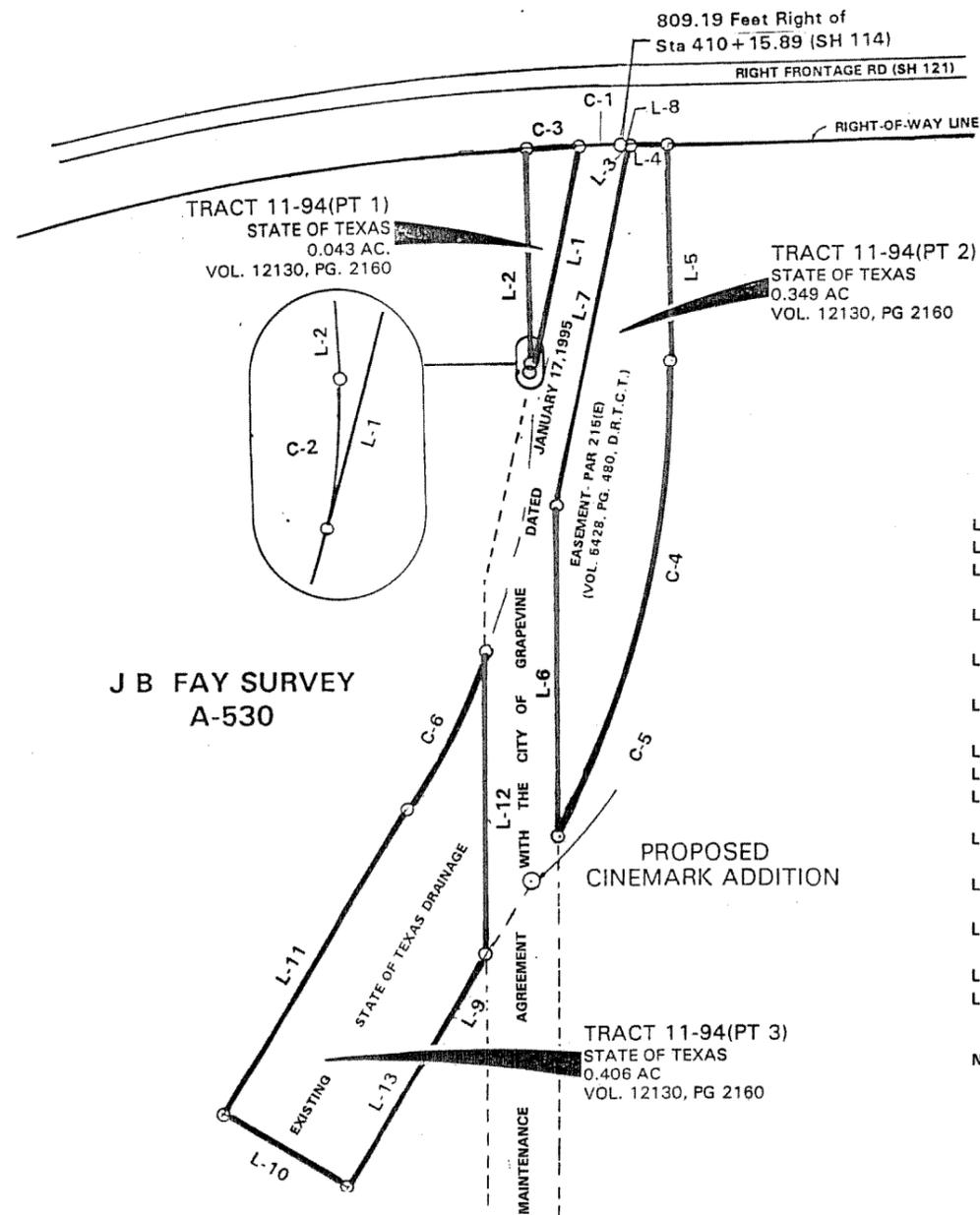


STATE	TEXAS	PROJECT NO.	R.W. 353-3-17	SHEET NO.	24
COUNTY	TARRANT	CONTRACT NO.	353	JOB NO.	3
DATE	7-13-78	REVISION NO.	17	HIGHWAY NO.	S.H. 114

SEE SHEET 24A

STATE HWY 121  
EAST BOUND THRU LANES (SH 121)

STATE HWY 114  
EAST BOUND RIGHT THRU LANES (SH 114)  
RIGHT COLLECTOR RD (SH 114)

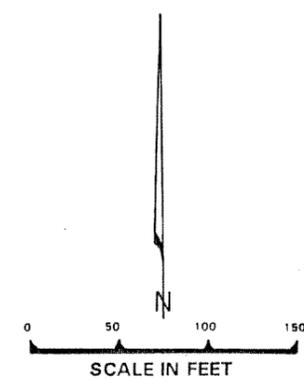


CURVE

C-1	R=1402.40' L=28.33' DELTA=01°09'27" LC= S 89°38'24" W 28.33'
C-2	R=460.00' L=6.42' DELTA=00°48'00" LC= N 00°20'11" W 6.42'
C-3	R=1402.40' L=29.41' DELTA=01°12'06" LC= N 88°27'37" E 29.41'
C-4	R=540.00' L=276.52' DELTA=29°20'22" LC= S 13°56'00" W 273.51
C-5	R=540.00' L=306.94' DELTA=32°34'01" LC= S 15°32'50" W 302.82'
C-6	R=460.00' L=101.90' DELTA=12°41'34" LC= N 25°29'03" E 101.69'

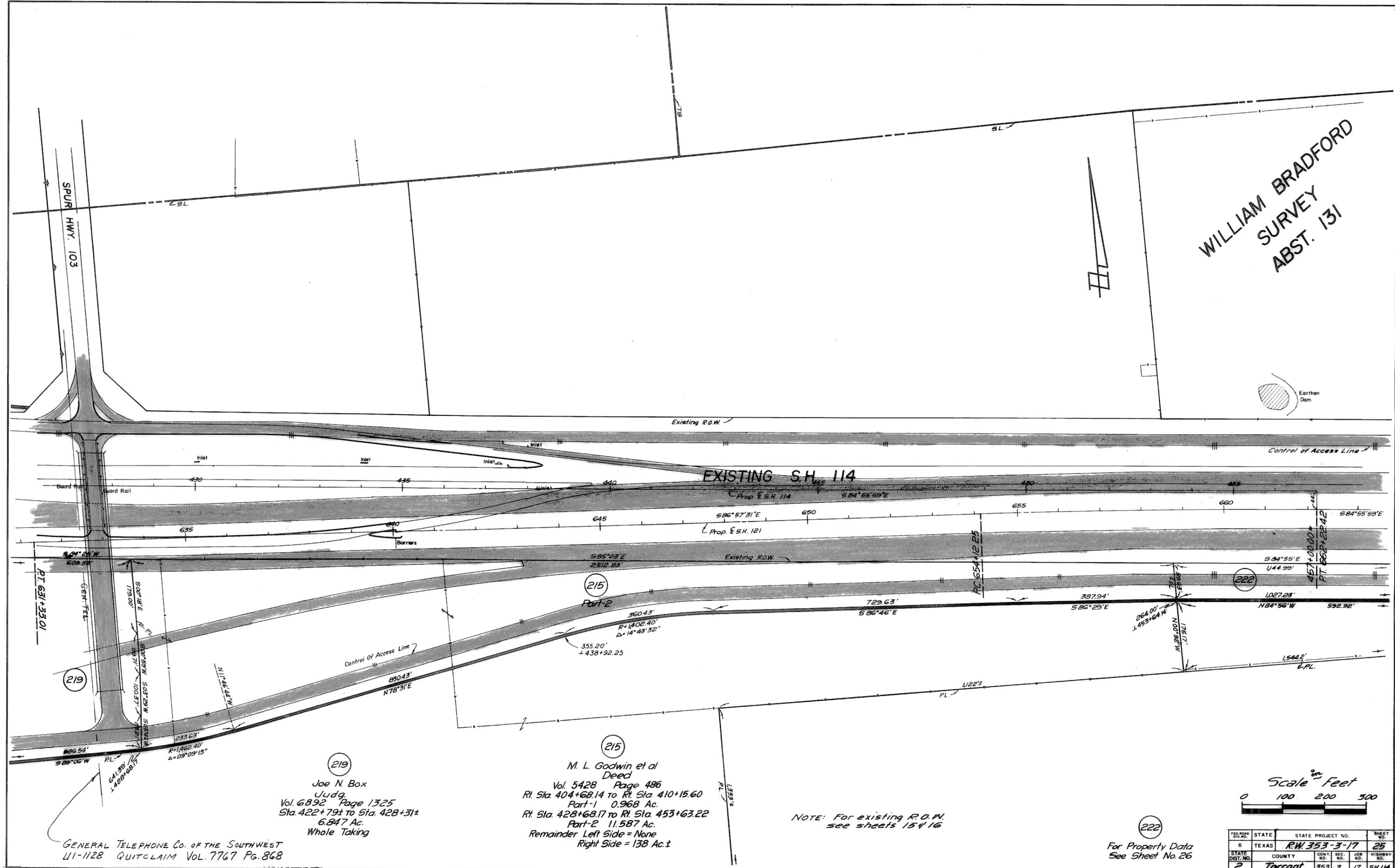
LINE	BEARING	DIST(ft)
L-1	S 12°17'53" W	130.58
L-2	N 00°44'11" W	120.38
	(N 00°44' W)	(123.37)
L-3	S 89°44'42" E	2.41
	(S 89°45' E)	
L-4	S 89°44'42" E	19.86
	(S 89°45' E)	
L-5	S 00°44'11" E	120.22
	(S 00°44' E)	(120.22)
L-6	N 00°15'18" E	185.62
L-7	N 12°17'53" E	204.84
L-8	S 89°44'42" E	22.27
	(S 89°44'42" E)	(22.27)
L-9	S 31°49'50" W	200.00
	(S 31°50' W)	(200.00)
L-10	N 58°10'10" W	80.00
	(N 58°10' W)	(80.00)
L-11	N 31°49'50" E	200.00
	(N 31°50' E)	(200.00)
L-12	S 00°15'18" W	174.25
L-13	S 31°49'50" W	152.62
	(S 31°50' W)	

NOTE: Calls shown in parentheses were taken from the State's easement as described in Volume 5428, Page 480 D.R.T.C.T.



FEDERAL DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	R.W. 353-3-17	24A
STATE DIST. NO.	COUNTY	CONT. NO.	SEC. NO.
2	TARRANT	353	3
		JOB NO.	HIGHWAY NO.
		17	SH. 114

WILLIAM BRADFORD  
SURVEY  
ABST. 131



PT. 631+33.01  
GEN. TEL.

(219)

(219)  
Joe N. Box  
Judg.  
Vol. 6892 Page 1325  
Sta. 422+79± to Sta. 428+31±  
6.847 Ac.  
Whole Taking

(215)  
M. L. Godwin et al  
Deed  
Vol. 5428 Page 486  
Rt. Sta. 404+68.14 to Rt. Sta. 410+15.60  
Part-1 0.968 Ac.  
Rt. Sta. 428+68.17 to Rt. Sta. 453+63.22  
Part-2 11.587 Ac.  
Remainder Left Side = None  
Right Side = 138 Ac.±

NOTE: For existing R.O.W.  
see sheets 15 & 16



GENERAL TELEPHONE CO. OF THE SOUTHWEST  
111-1128 QUITCLAIM VOL. 7767 PG. 868

(222)  
For Property Data  
See Sheet No. 26

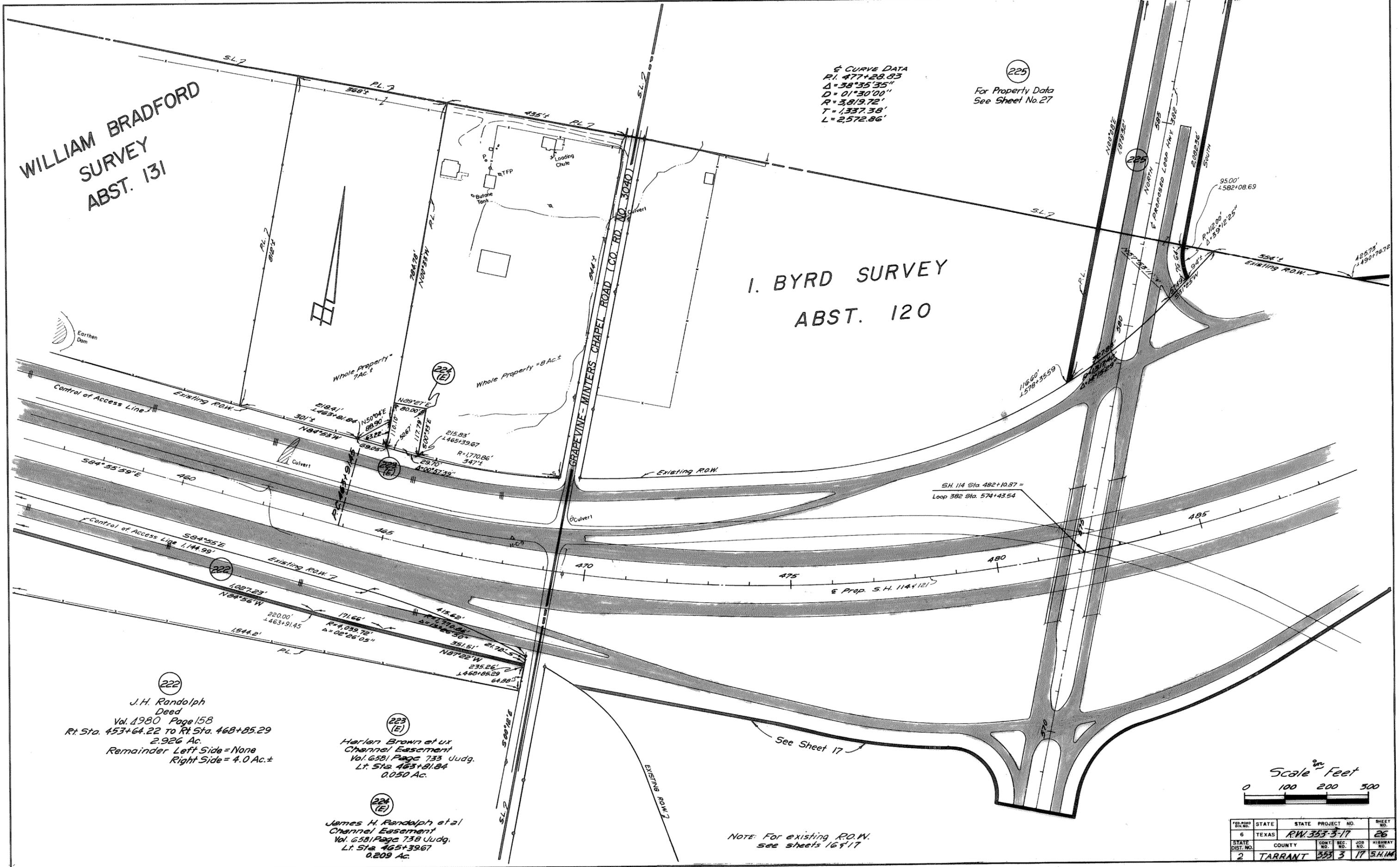
FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	25
STATE DIST. NO.	COUNTY	CONT. NO.	JOB NO.
2	Tarrant	353	3
			HIGHWAY NO.
			SH 114

WILLIAM BRADFORD  
SURVEY  
ABST. 131

I. BYRD SURVEY  
ABST. 120

← CURVE DATA  
P.I. 477+28.83  
Δ = 38°35'35"  
D = 01°30'00"  
R = 3,819.72'  
T = 1,337.38'  
L = 2,572.86'

225  
For Property Data  
See Sheet No. 27



222  
J.H. Randolph  
Deed  
Vol. 1980 Page 158  
Rt. Sta. 453+64.22 to Rt. Sta. 468+85.29  
2.926 Ac.  
Remainder Left Side = None  
Right Side = 4.0 Ac.±

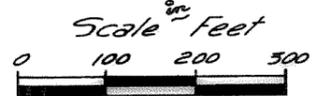
223 (E)  
Harlan Brown et ux  
Channel Easement  
Vol. 6581 Page 733 Judg.  
Lt. Sta. 463+81.84  
0.050 Ac.

224 (E)  
James H. Randolph et al  
Channel Easement  
Vol. 6581 Page 738 Judg.  
Lt. Sta. 465+39.67  
0.209 Ac.

S.H. 114 Sta. 482+10.87 =  
Loop 382 Sta. 574+43.54

See Sheet 17

NOTE: For existing R.O.W.  
see sheets 16 & 17



FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	26
STATE DIST. NO.	COUNTY	CONTRACT NO.	JOB NO.
2	TARRANT	353	3
			17 S.H.M.

I. BYRD SURVEY  
 ABST. 120

(225)  
 \* City of Fort Worth & Dallas  
 Deed  
 Lt. Sta. 578+35.59 to Lt. Sta. 607+73.38  
 12.190 Ac.  
 Tarrant Co. Vol. 7030 Page 1530  
 Dallas Co. Vol. 80236 Page 1004

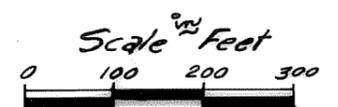
B.B.B. & C. R.R.  
 SURVEY  
 ABST. 205

(225 (E))  
 \* City of Fort Worth & Dallas  
 Channel Easement  
 Rt. Sta. 589+99.72  
 1.148 Ac.  
 Tarrant Co. Vol. 7030 Page 1515  
 Dallas Co. Vol. 80236 Page 989

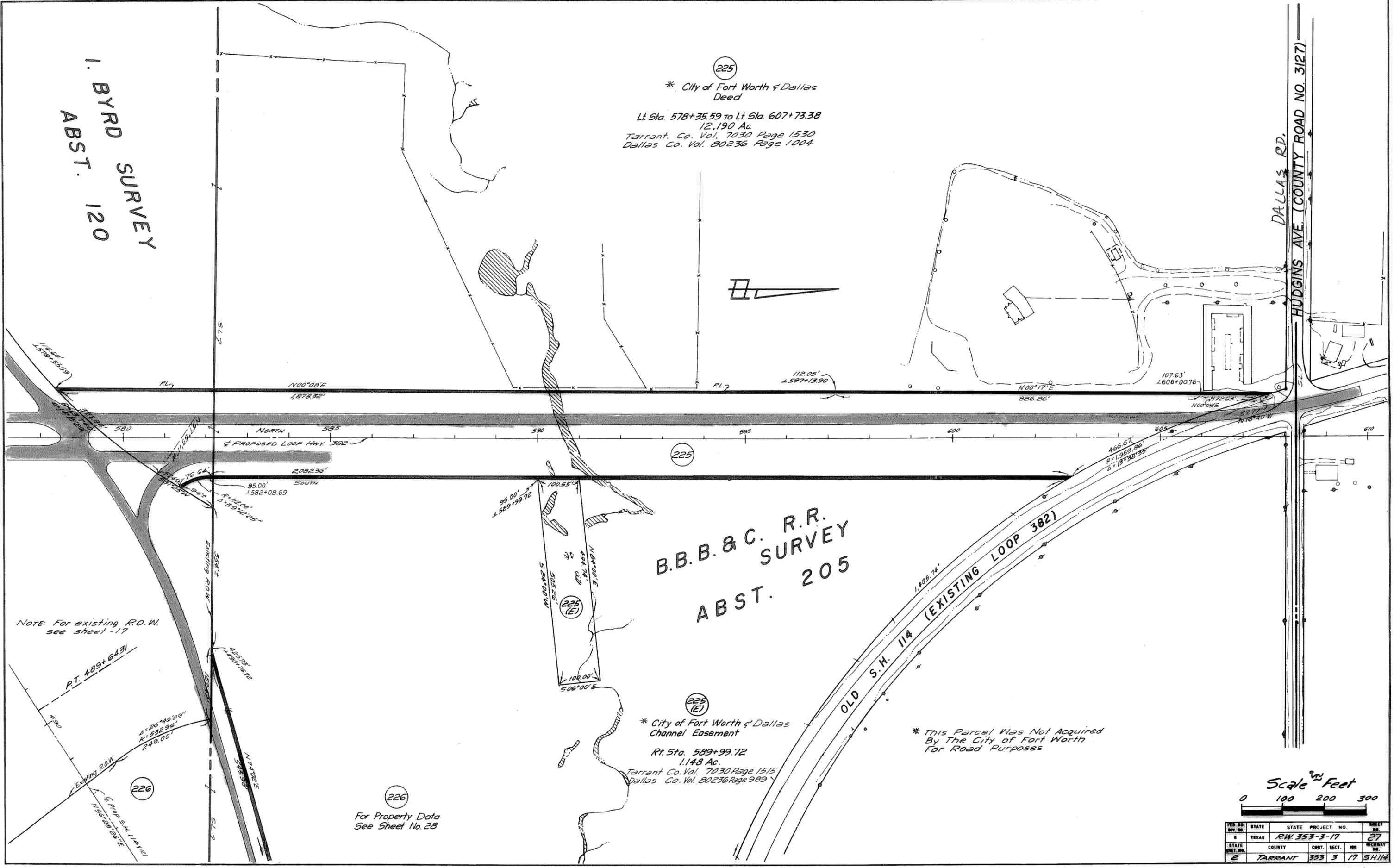
\* This Parcel Was Not Acquired  
 By The City of Fort Worth  
 For Road Purposes

(226)  
 For Property Data  
 See Sheet No. 28

NOTE: For existing R.O.W.  
 see sheet -17



PER. NO.	STATE	STATE PROJECT NO.	SHEET NO.
0	TEXAS	R.W. 353-3-17	27
STATE DIST. NO.	COUNTY	CONTR. SECT.	HIGHWAY NO.
2	TARRANT	353 3 17	S.H. 114



**J. C. DUNN SURVEY**  
**ABST. NO. 433**

**B.B.B. & C.R.R. CO. SURVEY**  
**ABST. NO. 205**

**I. BYRD SURVEY**  
**ABST. NO. 120**

225  
For Property Data  
See Sheet No. 27

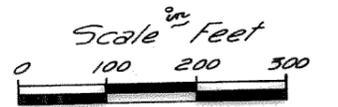
226 (E)  
\* City of Fort Worth & Dallas  
Channel Easement  
Lt. Sta. 500+02.89  
0.922 Ac.  
Tarrant Co. Vol. 7030 Page 1515  
Dallas Co. Vol. 80236 Page 989

\* This Parcel Was Not Acquired  
By The City of Fort Worth  
For Road Purposes

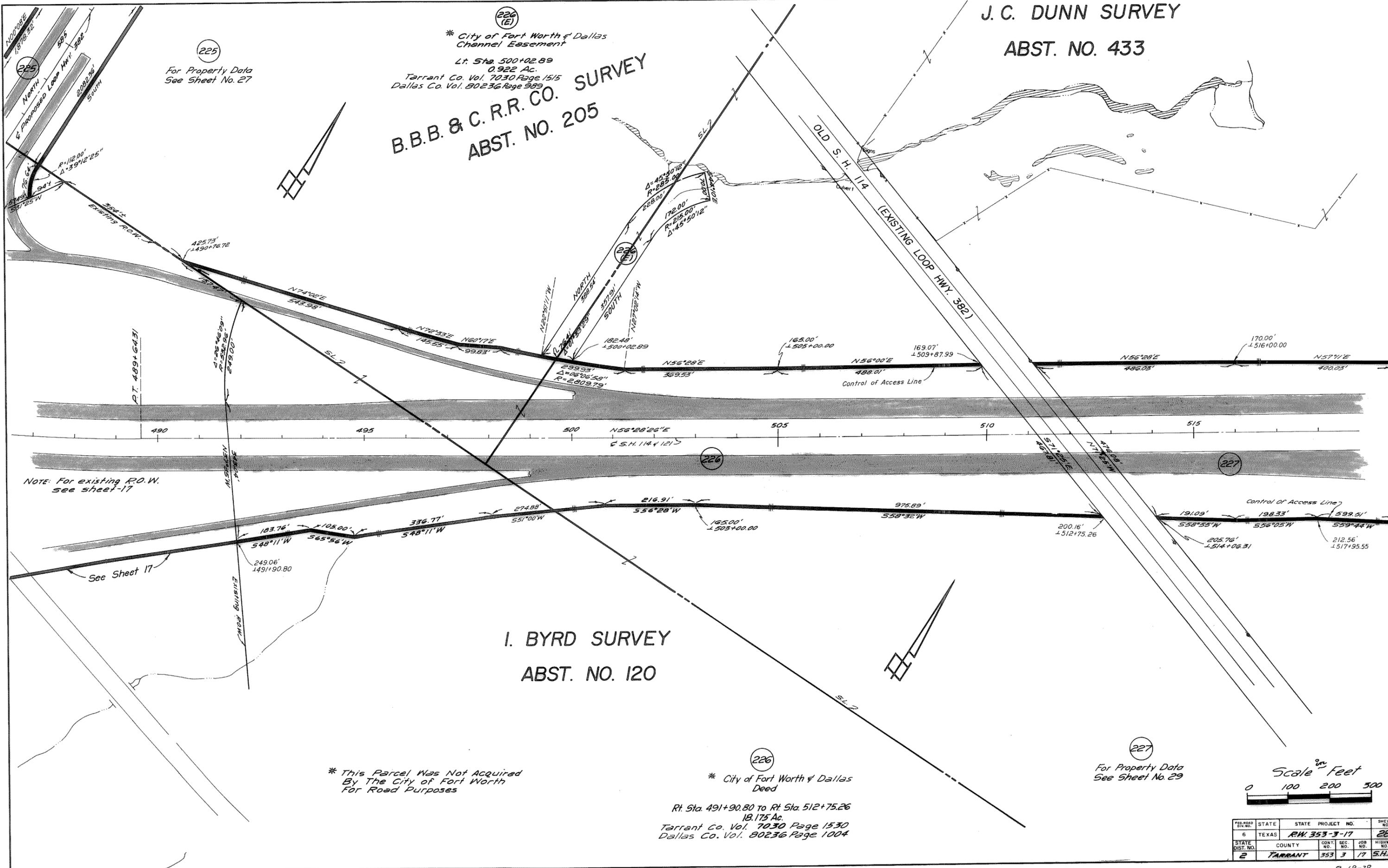
226  
\* City of Fort Worth & Dallas  
Deed

Rt. Sta. 491+90.80 To Rt. Sta. 512+75.26  
18.175 Ac.  
Tarrant Co. Vol. 7030 Page 1530  
Dallas Co. Vol. 80236 Page 1004

227  
For Property Data  
See Sheet No. 29



FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
2	TEXAS	RM 353-3-17	28
COUNTY	CONTRACT NO.	SEC. NO.	JOB NO.
TARRANT	353	3	17
			HIGHWAY NO.
			S.H. 114



NOTE: For existing R.O.W.  
see sheet-17

See Sheet 17

C. C. HOPE SURVEY  
ABST. NO. 735

J. C. DUNN SURVEY  
ABST. NO. 433

ARCO PIPELINE Co. LI-8504  
UTILITY JOINT USE AGREEMENT

J. C. OWEN SURVEY  
ABST. NO. 1194

City of Fort Worth & Dallas  
Deed  
Rt. Sta. 514+06.31 To Rt. Sta. 527+61.35  
13.103 Ac.  
This Parcel Was Not Acquired By  
The City of Fort Worth For Road  
Purposes  
Tarrant Co. Vol. 7030 Page 1530  
Dallas Co. Vol. 80236 Page 1004

Curve Data  
P.I. 562+02.52  
 $\Delta = 76^{\circ}53'46''$   
 $D = 01^{\circ}30'00''$   
 $R = 3,819.72'$   
 $T = 3,032.70'$   
 $L = 5,126.42'$

For Property Data  
See Sheet No. 30



FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	29
STATE DIST. NO.	COUNTY	CONT. NO.	SEC. NO.
2	TARRANT	353	3
			JOB NO.
			17
			HIGHWAY NO.
			S.H. 114

H. S. HOPE SURVEY  
ABST. NO. 736

C. C. HOPE SURVEY  
ABST. NO. 735

\* This Parcel Was Not Acquired  
By The City of Fort Worth  
For Road Purposes

\* City of Fort Worth & Dallas  
Deed

Rt. Sta. 528+05.28 To Rt. Sta. 583+18.62  
Part-1 = 176.835 Ac.  
Rt. Sta. 583+18.62 To Rt. Sta. 597+09.57  
Part-2 = 12.736 Ac.  
Tarrant Co. Vol. 7030 Page 1530  
Dallas Co. Vol. 80236 Page 1004

J. C. OWEN SURVEY ABST. NO. 1194

S. C. T. FORD SURVEY  
ABST. 512

Scale <sup>in</sup>/<sub>Foot</sub>  
0 100 200 300

For Property Data  
See Sheet No. 32

FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	30
STATE DIST. NO.	COUNTY	CONT. SECT. JOB NO.	HIGHWAY NO.
2	TARRANT-DALLAS	353 3 17	S.H. 114



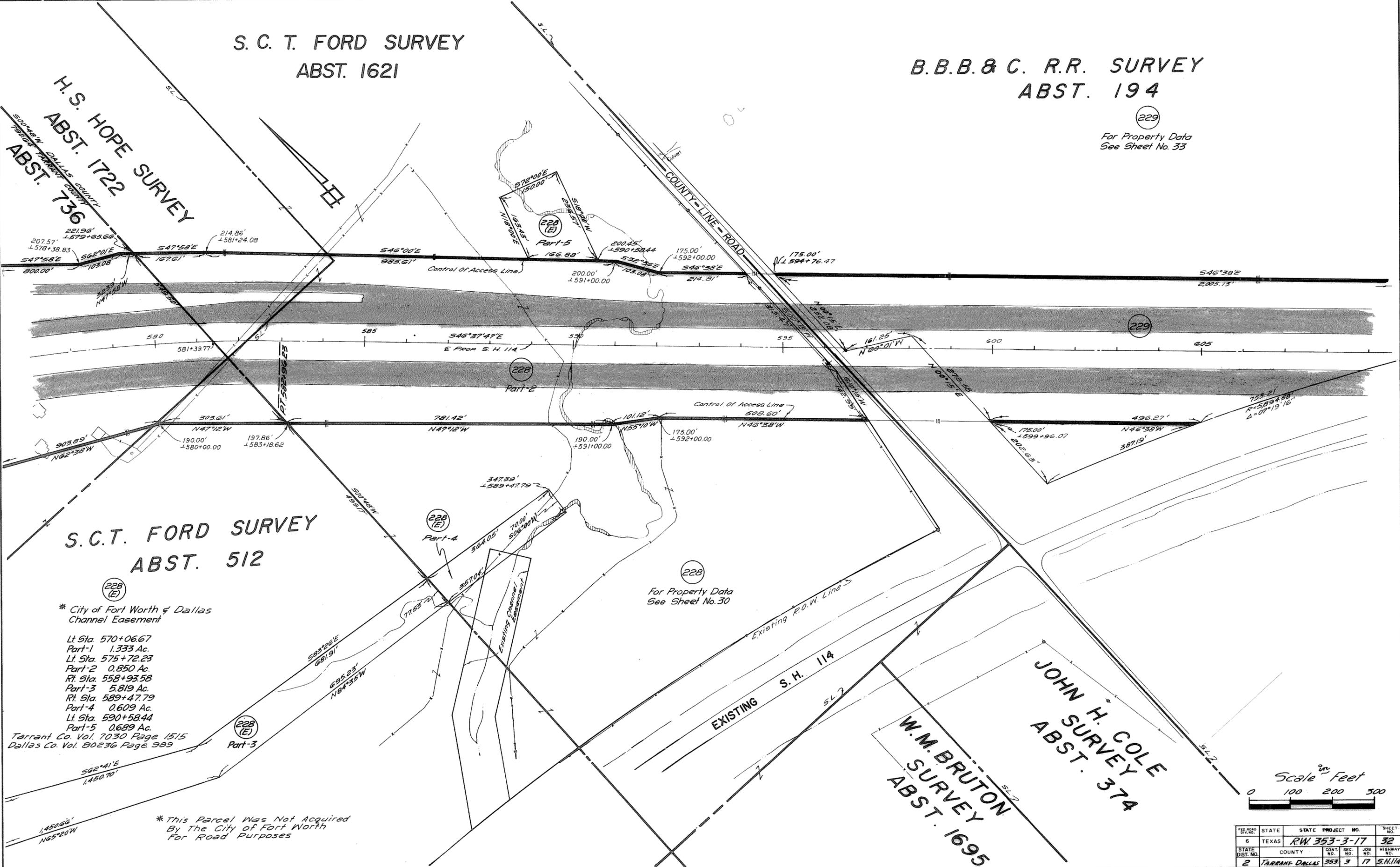
S. C. T. FORD SURVEY  
ABST. 1621

B.B.B. & C. R.R. SURVEY  
ABST. 194

H.S. HOPE SURVEY  
ABST. 1722  
ABST. 736

229

For Property Data  
See Sheet No. 33



S.C.T. FORD SURVEY  
ABST. 512

228 (E)

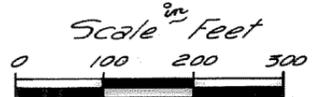
\* City of Fort Worth & Dallas  
Channel Easement

- Lt Sta. 570+06.67
- Part-1 1.333 Ac.
- Lt Sta. 575+72.23
- Part-2 0.850 Ac.
- Rt. Sta. 558+93.58
- Part-3 5.819 Ac.
- Rt. Sta. 589+47.79
- Part-4 0.609 Ac.
- Lt Sta. 590+58.44
- Part-5 0.689 Ac.

Tarrant Co. Vol. 7030 Page 1515  
Dallas Co. Vol. 80236 Page 989

\* This Parcel Was Not Acquired  
By The City of Fort Worth  
For Road Purposes

228  
For Property Data  
See Sheet No. 30



FED. ROAD DIST. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	32
STATE DIST. NO.	COUNTY	CONT. NO.	SEC. NO.
2	TARRANT DALLAS	353	3
		JOB NO.	HIGHWAY NO.
		17	S.H. 114

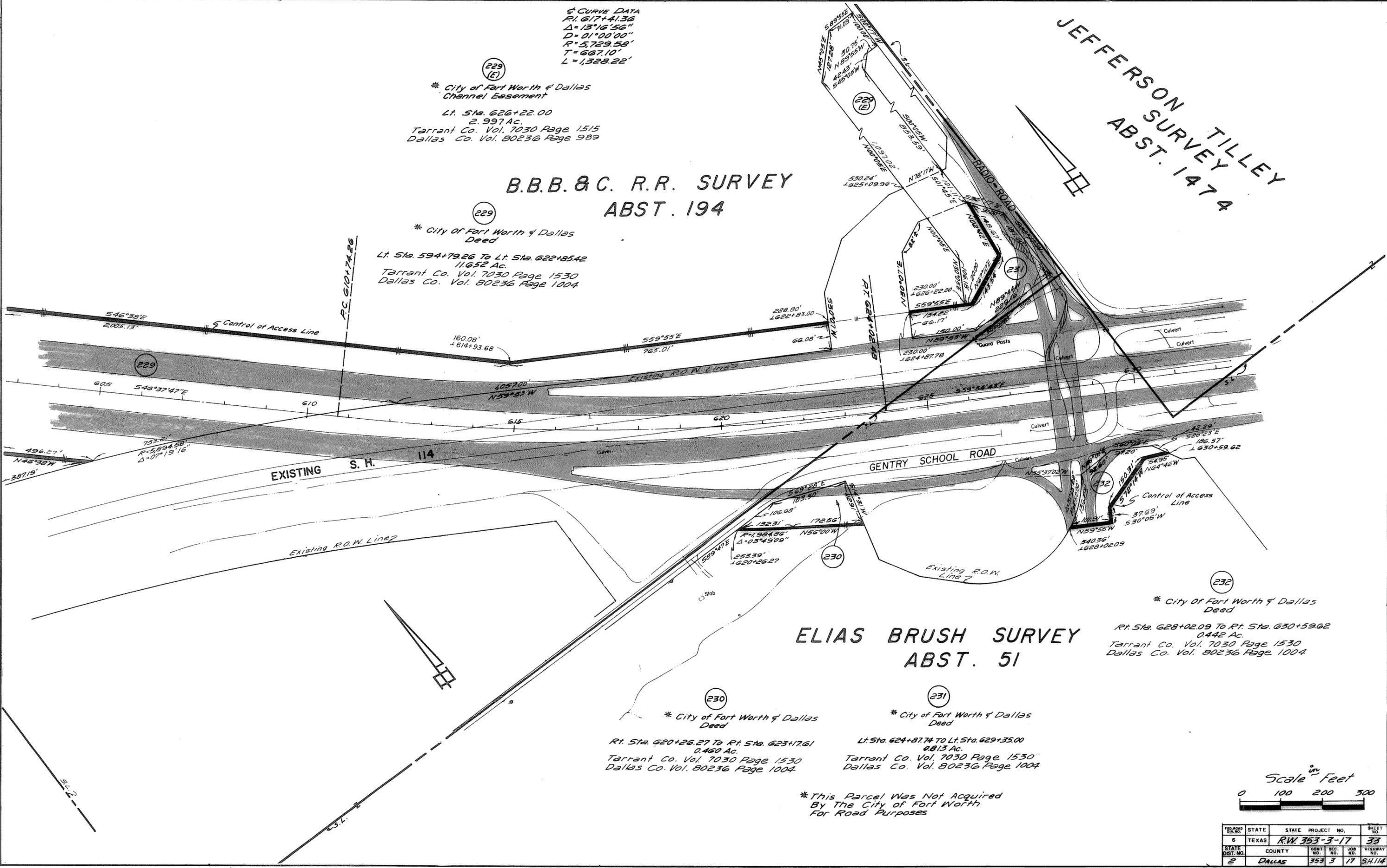
E CURVE DATA  
 P.I. 617+41.36  
 $\Delta = 13^{\circ}16'56''$   
 $D = 01^{\circ}00'00''$   
 $R = 5,729.58'$   
 $T = 667.10'$   
 $L = 1,328.22'$

(229)  
 \* City of Fort Worth & Dallas  
 Channel Easement  
 Lt. Sta. 626+22.00  
 2.997 Ac.  
 Tarrant Co. Vol. 7030 Page 1515  
 Dallas Co. Vol. 80236 Page 989

**B.B.B. & C. R.R. SURVEY**  
**ABST. 194**

(229)  
 \* City of Fort Worth & Dallas  
 Deed  
 Lt. Sta. 594+79.26 To Lt. Sta. 622+85.42  
 11.652 Ac.  
 Tarrant Co. Vol. 7030 Page 1530  
 Dallas Co. Vol. 80236 Page 1004

JEFFERSON  
 SURVEY  
 TILLEY  
 ABST. 1474



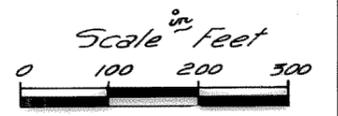
**ELIAS BRUSH SURVEY**  
**ABST. 51**

(230)  
 \* City of Fort Worth & Dallas  
 Deed  
 Rt. Sta. 620+26.27 To Rt. Sta. 623+17.61  
 0.460 Ac.  
 Tarrant Co. Vol. 7030 Page 1530  
 Dallas Co. Vol. 80236 Page 1004

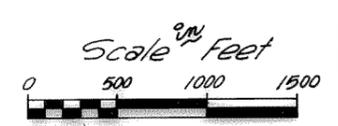
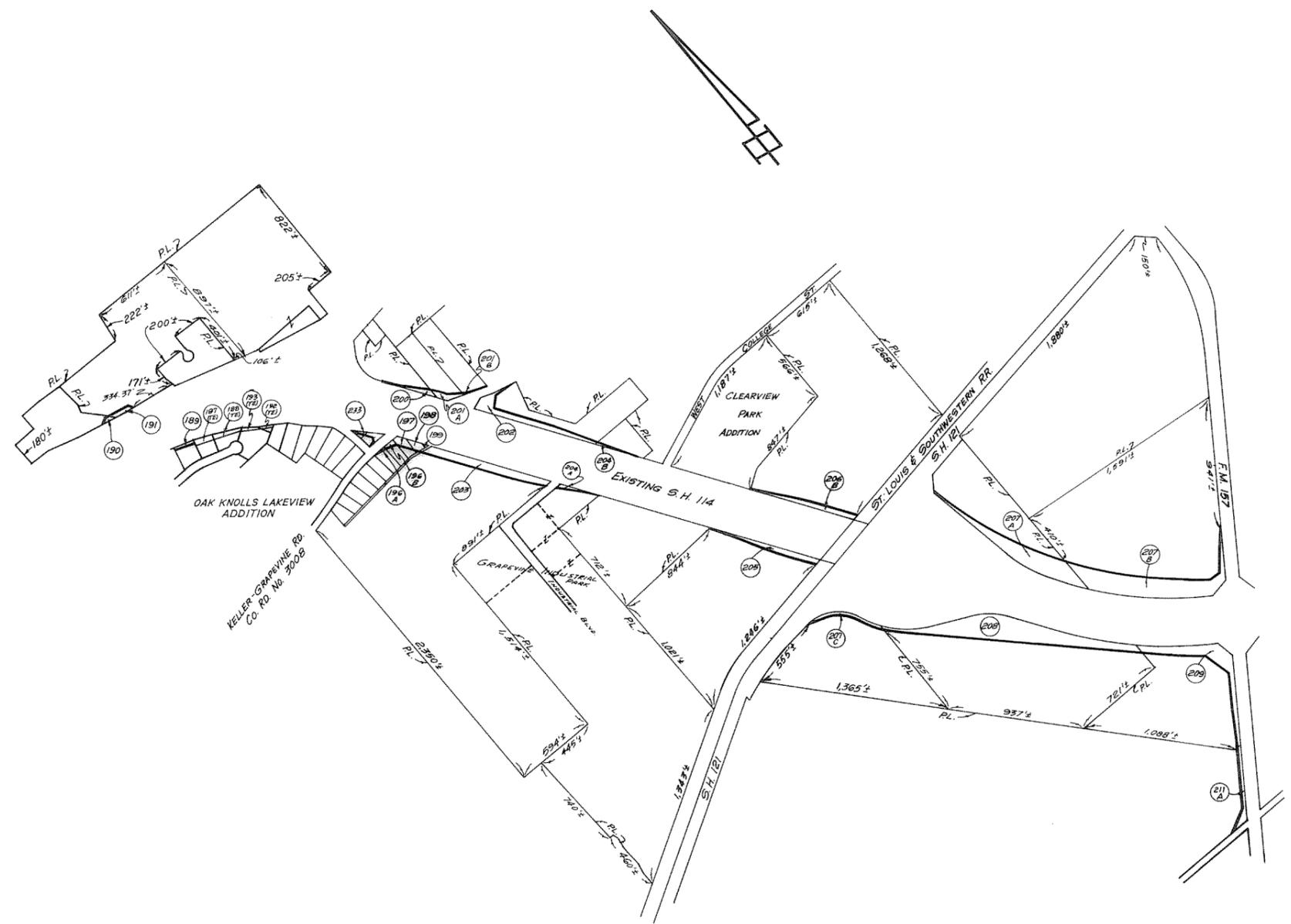
(231)  
 \* City of Fort Worth & Dallas  
 Deed  
 Lt. Sta. 624+87.74 To Lt. Sta. 629+35.00  
 0.813 Ac.  
 Tarrant Co. Vol. 7030 Page 1530  
 Dallas Co. Vol. 80236 Page 1004

(232)  
 \* City of Fort Worth & Dallas  
 Deed  
 Rt. Sta. 628+02.09 To Rt. Sta. 630+59.62  
 0.442 Ac.  
 Tarrant Co. Vol. 7030 Page 1530  
 Dallas Co. Vol. 80236 Page 1004

\* This Parcel Was Not Acquired  
 By The City of Fort Worth  
 For Road Purposes

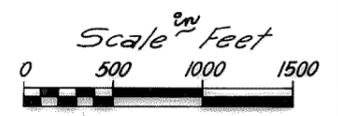
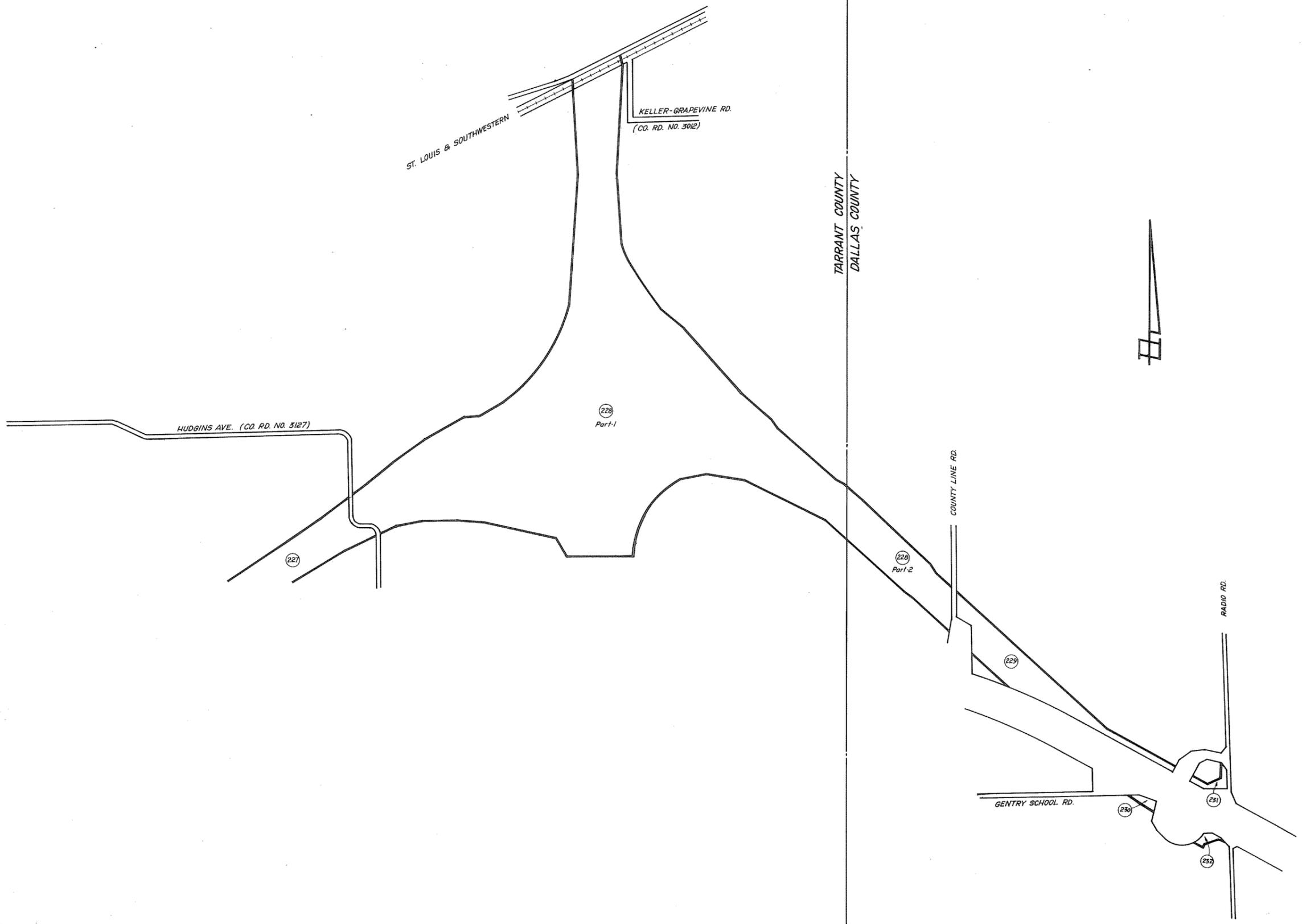


PROJECT DIST. NO.	STATE	COUNTY	CONTRACT NO.	REC. NO.	JOB NO.	SHEET NO.	HIGHWAY NO.
6	TEXAS	DALLAS	353	3	17	33	SH. 114



FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	34
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT	353 3 17	SH 114





FED. RD. DIV. NO.	STATE	STATE PROJECT NO.	SHEET NO.
6	TEXAS	RW 353-3-17	36
STATE DIST. NO.	COUNTY	CONT. SECT. JOB	HIGHWAY NO.
2	TARRANT-DALLAS	353 3 17	SH114

## Historical Aerials

**Prepared for:**

COX MCLAIN ENVIRONMENTAL CONSULTING INC - Austin  
8401 Shoal Creek Blvd, STE 100  
Austin TX 78757



# Historical Aerial Photographs

SH 114

Tarrant County, TX

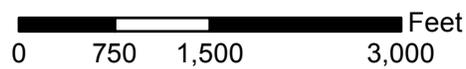
PO #: 014-028-001

ES-129656

Thursday, November 29, 2018

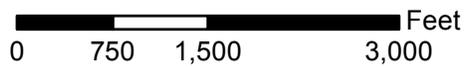


Date: 2016  
Source: USDA



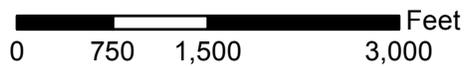


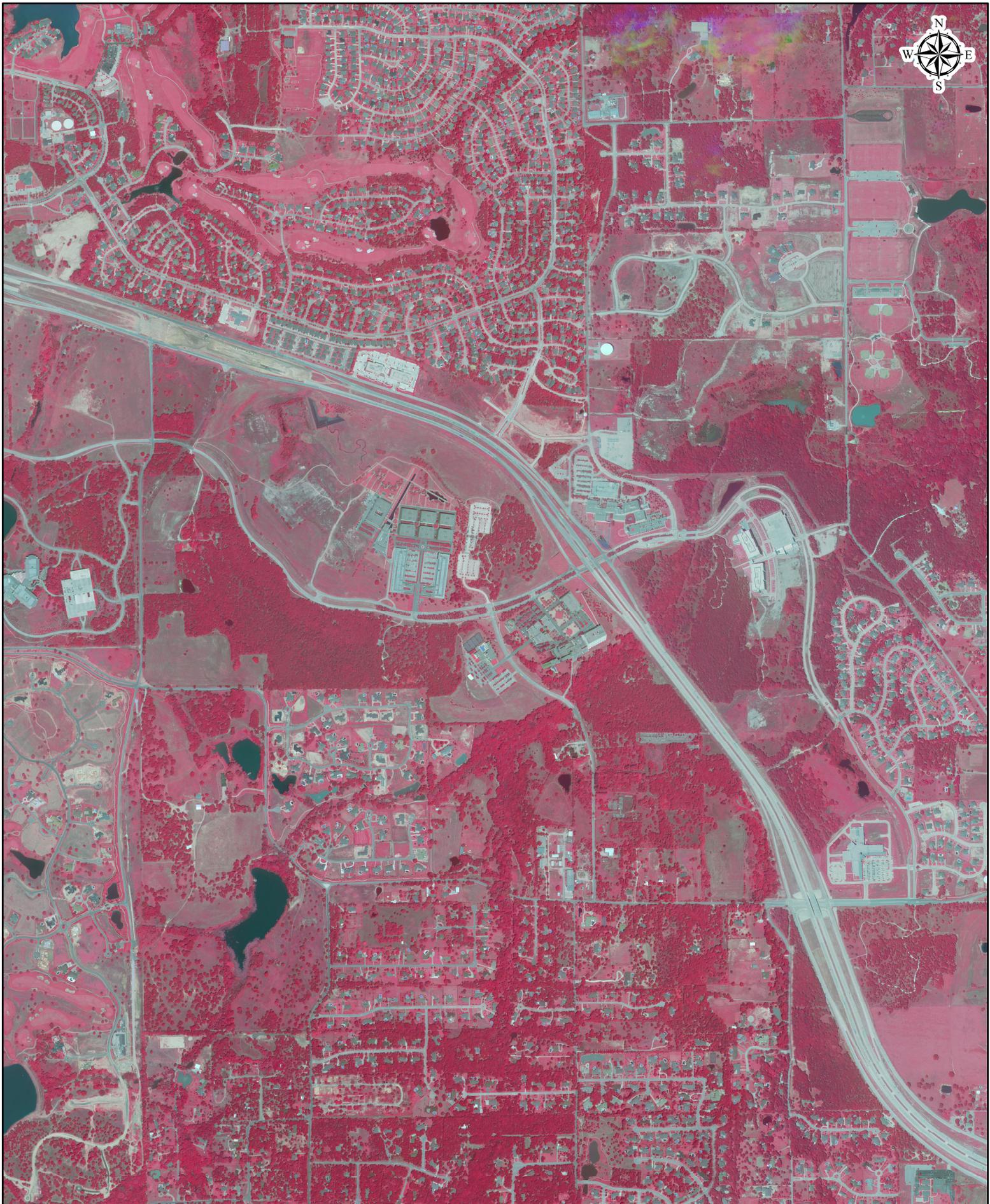
Date: 2012  
Source: USDA



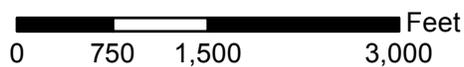


Date: 2008  
Source: USDA



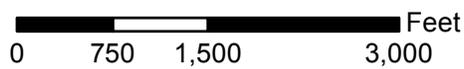


Date: 2004  
Source: USDA



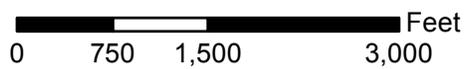


Date: 1995  
Source: USGS



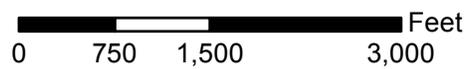


Date: 1981  
Source: USGS



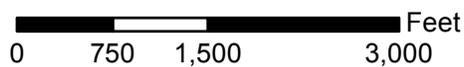


Date: 1976  
Source: TXDOT



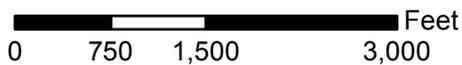


Date: 1968  
Source: USGS



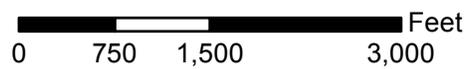


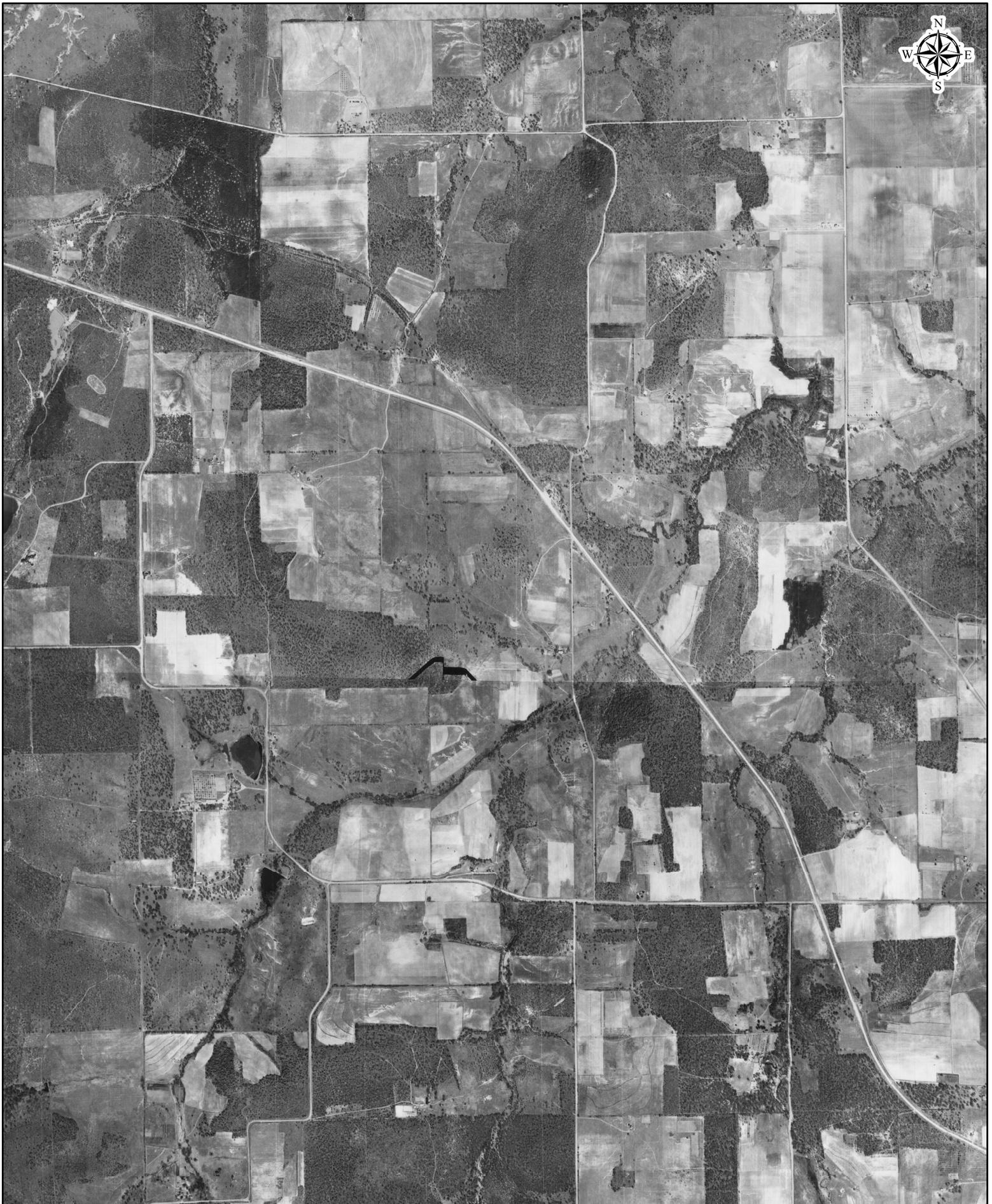
Date: 1958  
Source: ASCS



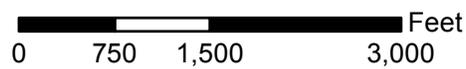


Date: 1953  
Source: AMS





Date: 1942  
Source: ASCS



HISTORICAL AERIAL PHOTOGRAPHS	
ES-129656	November 29, 2018



## AERIAL SOURCE DEFINITIONS

Acronym	Agency
<b>AerialOK</b>	Aerial Oklahoma
<b>AMS</b>	Army Mapping Service
<b>ASCS</b>	Agricultural Stabilization & Conservation Service
<b>EDAC</b>	Earth Data Analysis Center
<b>Fairchild</b>	Fairchild Aerial Surveys
<b>LDOT</b>	Louisiana Department of Transportation
<b>TXDOT</b>	Texas Department of Transportation
<b>USNavy</b>	United States Navy
<b>USAF</b>	United States Air Force
<b>USCOE</b>	United States Corps of Engineers
<b>USDA</b>	United States Department of Agriculture
<b>USGS</b>	United States Geological Survey
<b>WALLACE</b>	Wallace-Zingery Aerial Surveys
<b>WSDOT</b>	Washington State Department of Transportation

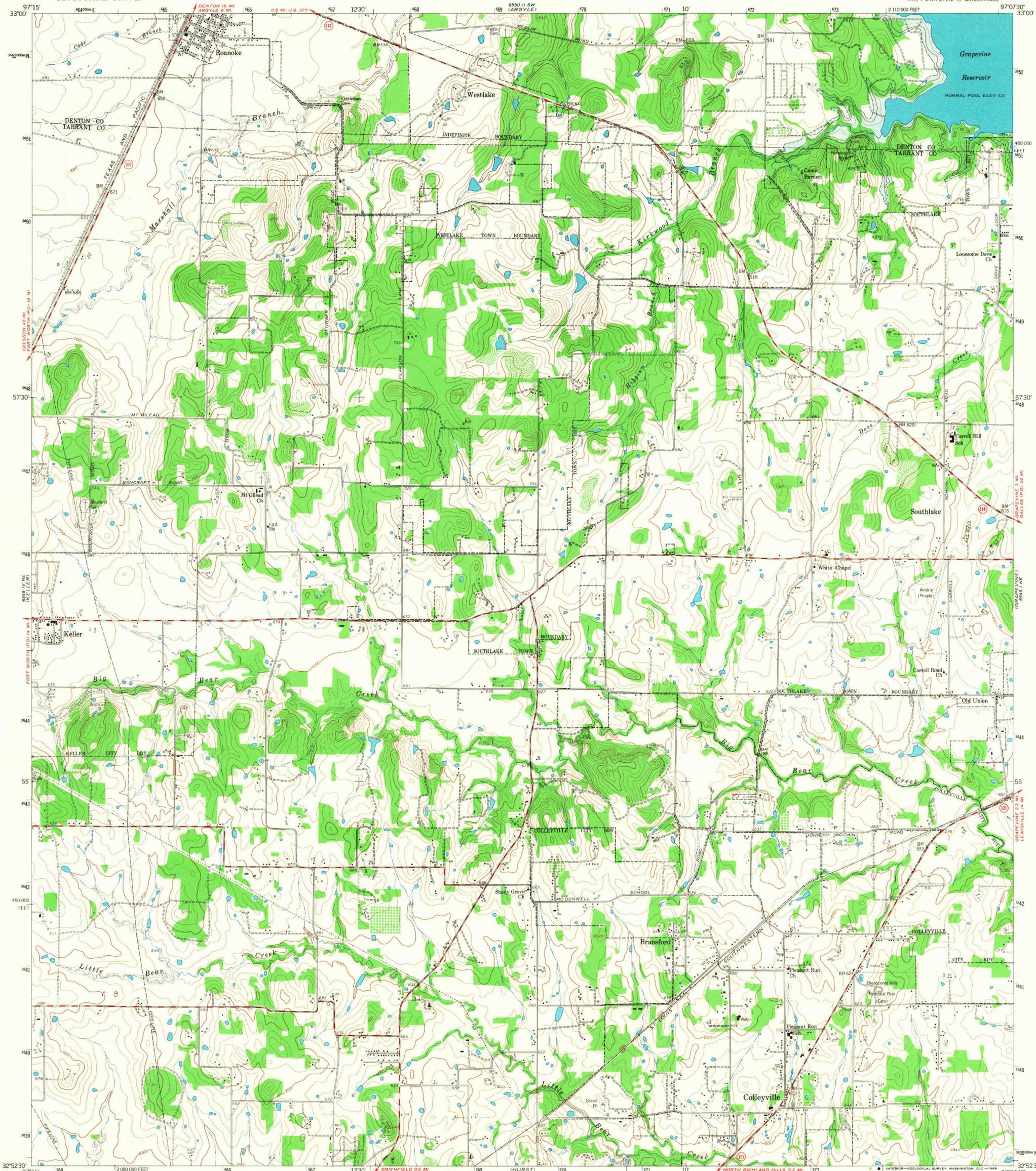
HISTORICAL AERIAL PHOTOGRAPHS	
ES-129656	November 29, 2018



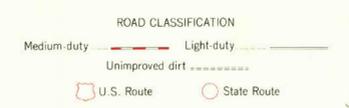
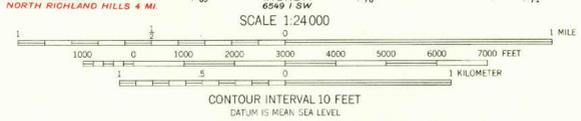
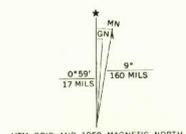
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# Historic Topographic Maps



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Texas coordinate system,  
north central zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Areas covered by dashed light-blue pattern are subject  
to controlled inundation. Maximum pool elevation 560 feet  
Unchecked elevations are shown in brown



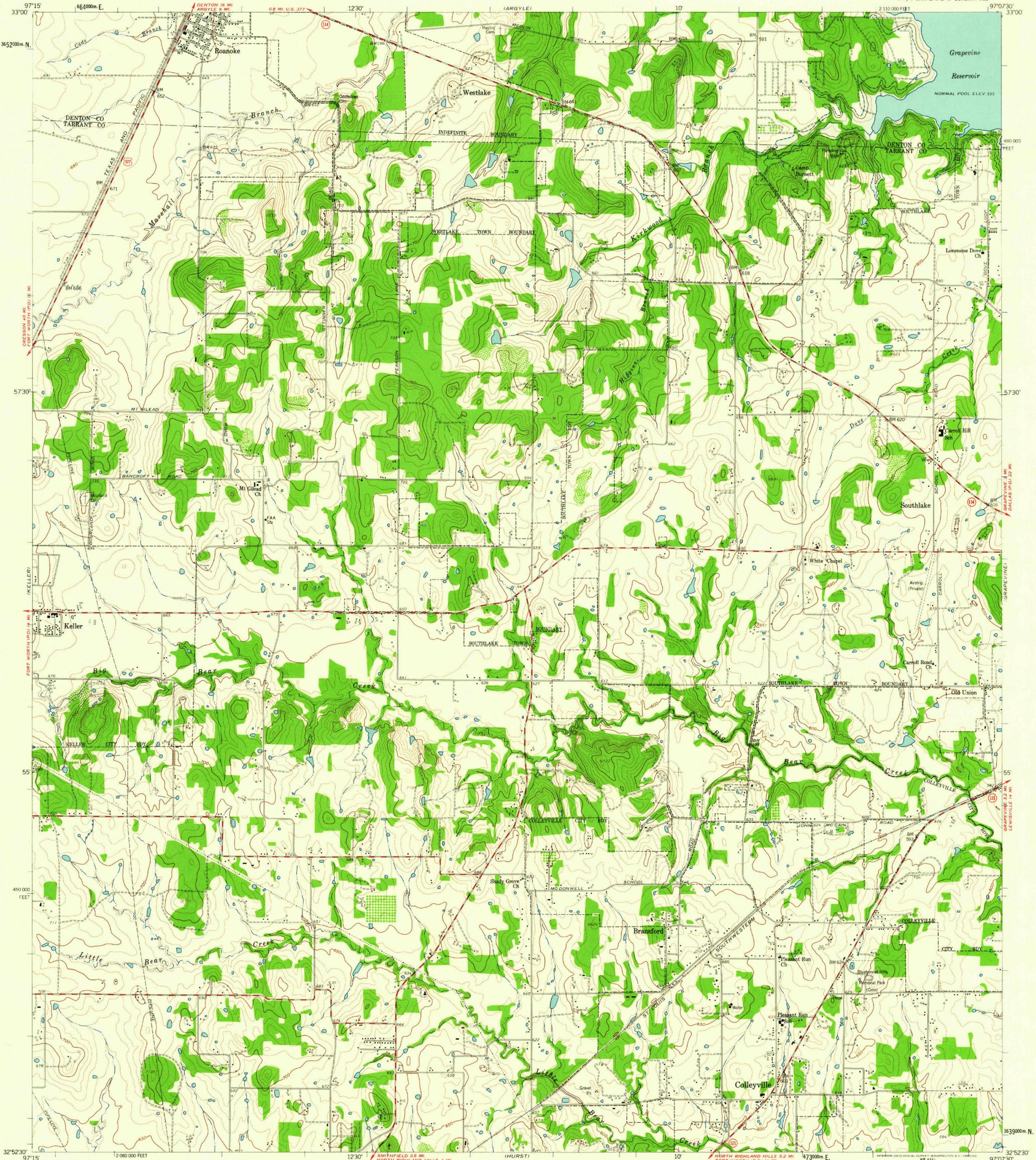
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

U.S.G.S.  
TOPOGRAPHIC DIVISION

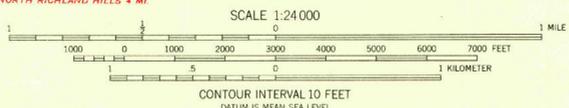
COLLEYVILLE, TEX.  
NW/4 GRAPEVINE 15' QUADRANGLE  
N3252.5-W9707.5/7.5  
1959  
AMS 6549 1 NW-SERIES V882

3680

MAY 3 1968



Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956. Field check 1959  
Polyconic projection. 1927 North American datum  
10,000-foot grid based on Texas coordinate system,  
north central zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Areas covered by dashed light-blue pattern are subject  
to controlled inundation. Maximum pool elevation 560 feet  
Unchecked elevations are shown in brown



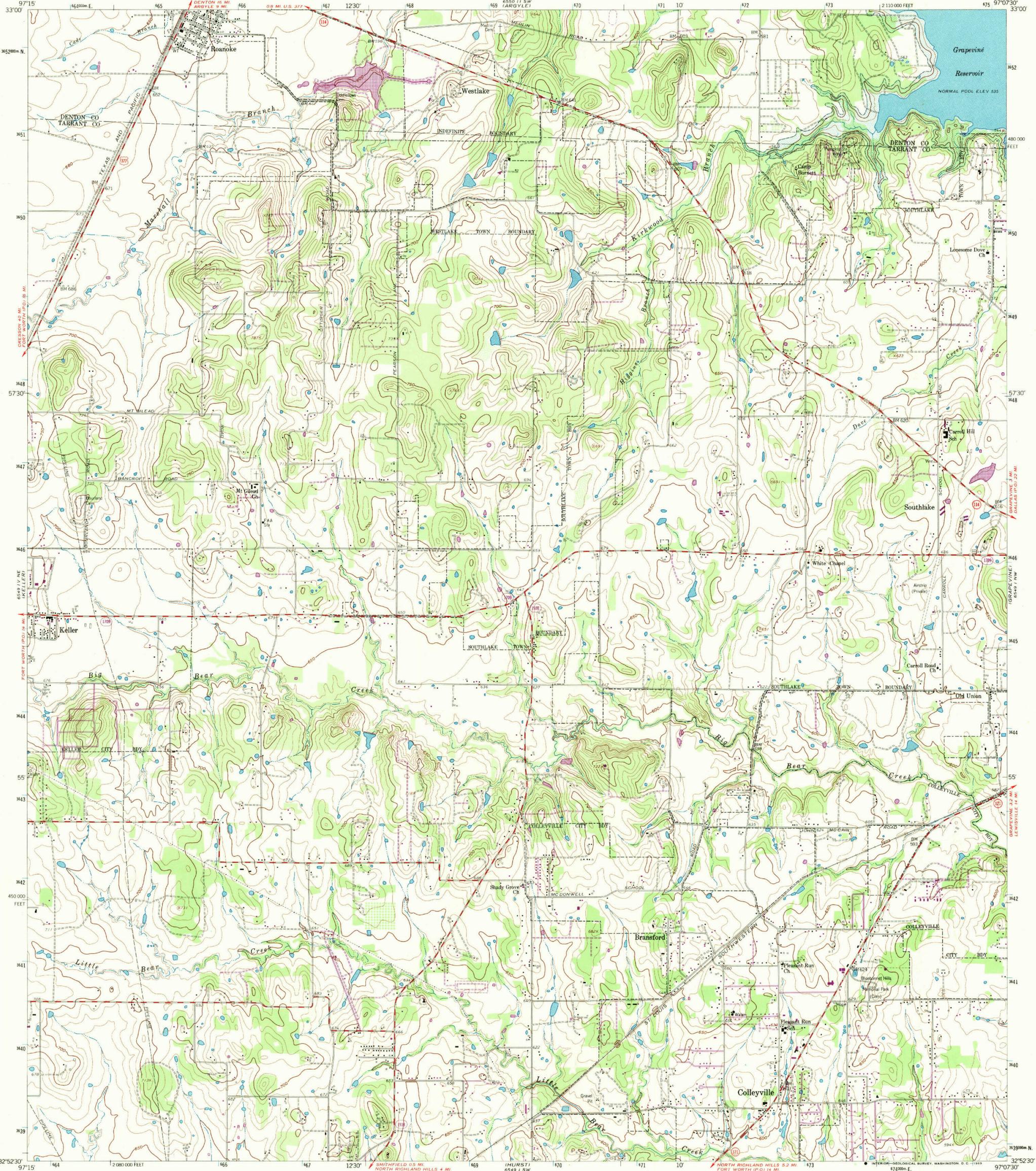
ROAD CLASSIFICATION

Medium-duty	Light-duty
Unimproved dirt	State Route
U.S. Route	State Route

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D.C.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

U.S.G.S.  
FILE COPY  
TOPOGRAPHIC DIVISION

COLLEYVILLE, TEX.  
NW/4 GRAPEVINE 15' QUADRANGLE  
N32525-W97075/7.5  
1959  
NOV 22 1960  
2540



Maped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956. Field check 1959  
Polyconic projection: 1927 North American datum  
10,000-foot grid based on Texas coordinate system,  
north central zone  
1000-meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Areas covered by dashed light-blue pattern are subject to  
controlled inundation. Maximum pool elevation 560 feet  
Revisions shown in purple compiled by the Geological Survey from  
aerial photographs taken 1968. This information not field checked

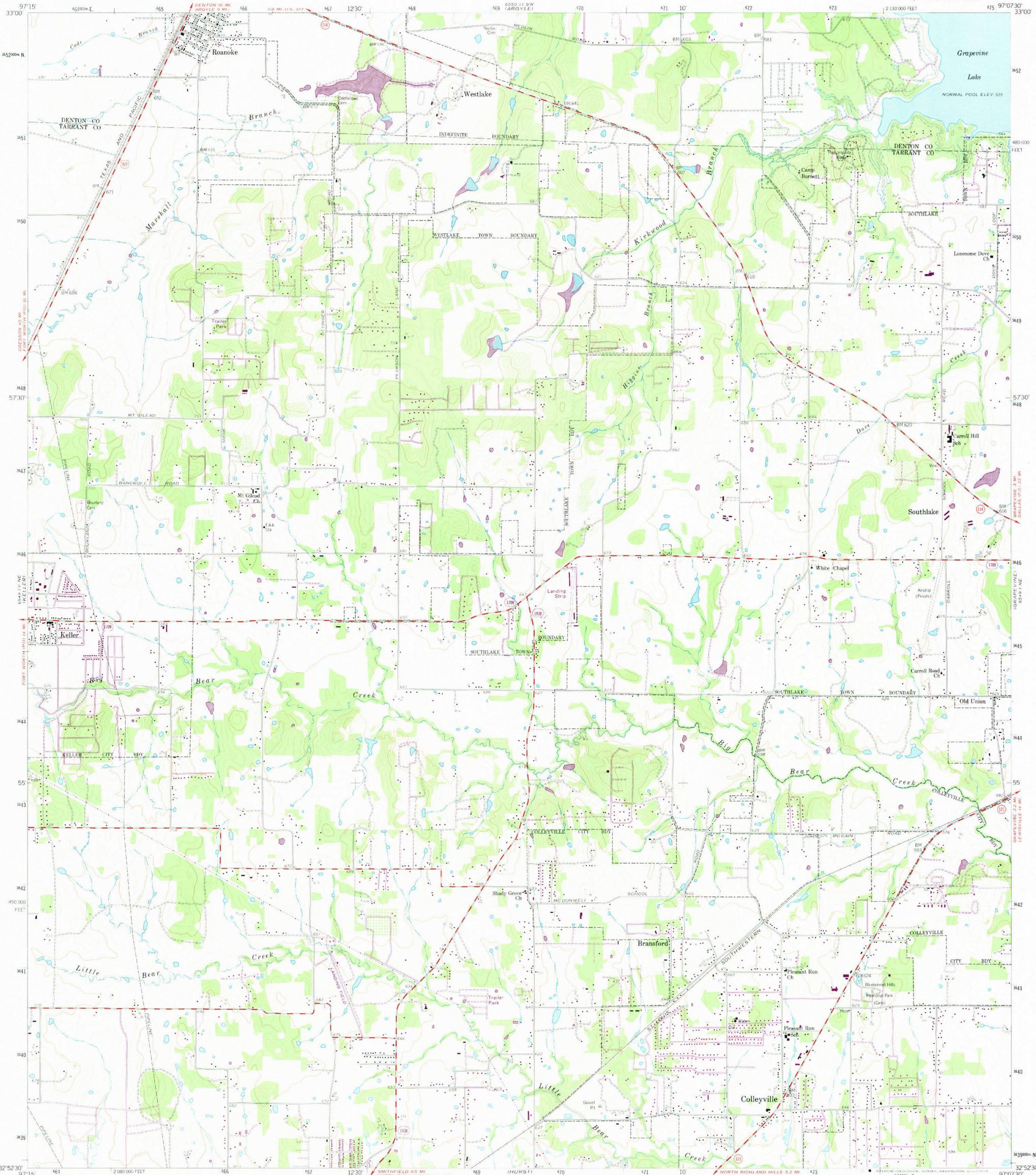
UTM GRID AND 1968 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET  
81° 15' 15" M  
0° 59' 17" M

SCALE 1:24,000  
CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

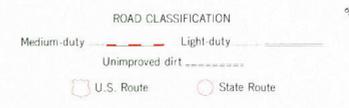
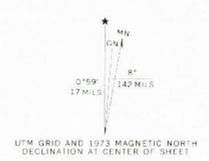
ROAD CLASSIFICATION  
Medium-duty U.S. Route  
Light-duty State Route  
Unimproved dirt  
U.S. Route  
State Route

U.S.G.S. FILE COPY TOPOGRAPHIC DIVISION  
COLLEYVILLE, TEX.  
NW/4 GRAPEVINE 15 QUADRANGLE  
N3252.5-W9707.5/7.5  
1959  
PHOTOREVISED 1968  
AMS 6549 1 NW-SERIES V882

3220  
JUL 25 1969



Mapped, edited, and published by the Geological Survey  
Control by USGS and USCGS  
Topography from aerial photographs by photogrammetric methods  
Aerial photographs taken 1956. Field check 1959  
Polyconic projection 1927 North American datum  
10,000 foot grid based on Texas coordinate system,  
north central zone  
1000 meter Universal Transverse Mercator grid ticks,  
zone 14, shown in blue  
Areas covered by dashed light blue pattern are subject  
to controlled inundation. Maximum pool elevation 560 feet  
Revisions shown in purple compiled from aerial photographs  
taken 1968 and 1973. This information not field checked



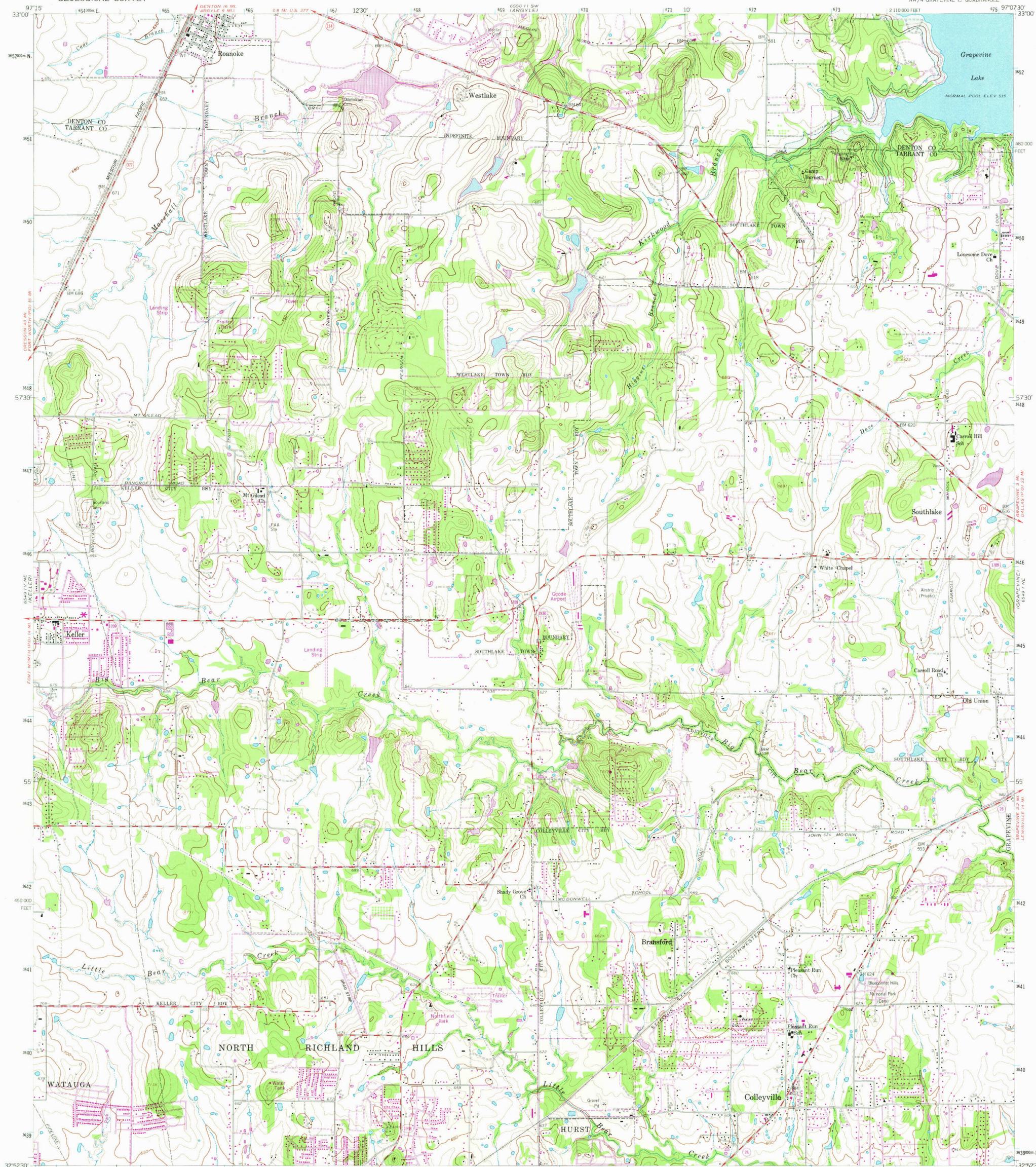
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS  
Historical File  
Topographic Division

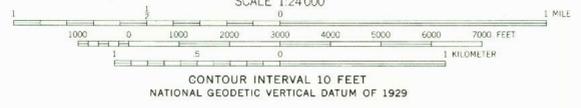
COLLEYVILLE, TEX. MAY 16 1974  
NW/4 GRAPEVINE 15' QUADRANGLE  
N3252.5-W9707.5/7.5  
1959  
PHOTOREVISED 1968 AND 1973  
AMS 6549 1 NW -SERIES V682

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES

3900



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial  
photographs taken 1956. Field checked 1959  
Polyconic projection. 10,000-foot grid ticks based on  
Texas coordinate system, north central zone. 1000-meter  
Universal Transverse Mercator grid ticks, zone 14,  
shown in blue. 1927 North American Datum. To place  
on the predicted North American Datum 1983 move the  
projection lines 10 meters south and 28 meters east  
as shown by dashed corner ticks  
Areas covered by dashed light-blue pattern are subject to  
controlled inundation. Maximum pool elevation 560 feet  
Revisions shown in purple and woodland compiled from  
aerial photographs taken 1978 and other sources. This  
information not field checked. Map edited 1981



COLLEYVILLE, TEX.  
NW/4 GRAPEVINE 15 QUADRANGLE  
N3252.5-W9707.5/7.5  
1959  
PHOTOREVISED 1981  
DMA 6549 I NW-SERIES V882

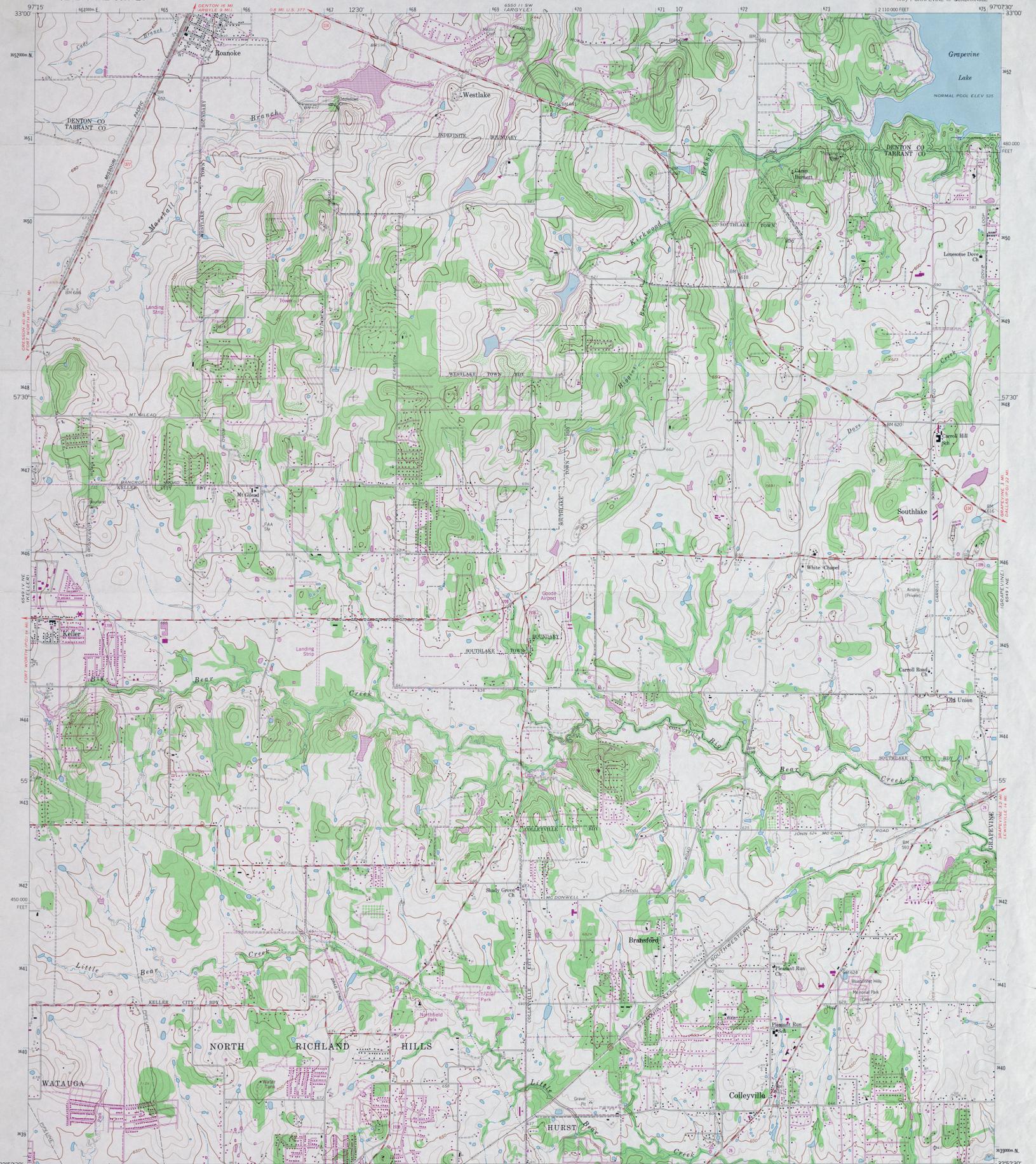
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

3297-443

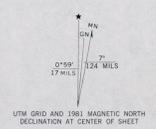
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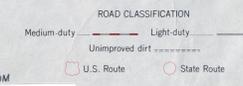
200



Maped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA  
Topography by photogrammetric methods from aerial  
photographs taken 1956. Field checked 1959  
Polyconic projection. 10,000-foot grid ticks based on  
Texas coordinate system, north central zone. 1000-meter  
Universal Transverse Mercator grid ticks, zone 14,  
shown in blue. 1927 North American Datum. To place  
on the predicted North American Datum 1983 move the  
projection lines 10 meters south and 28 meters east  
as shown by dashed corner ticks  
Areas covered by dashed light-blue pattern are subject to  
controlled inundation. Maximum pool elevation 560 feet  
Revisions shown in purple and woodland compiled from  
aerial photographs taken 1978 and other sources. This  
information not field checked. Map edited 1981



THE UNIVERSITY  
OF TEXAS AT AUSTIN  
SEP 16 1982  
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MAP COLLECTION



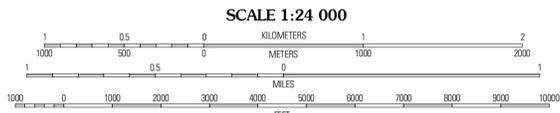
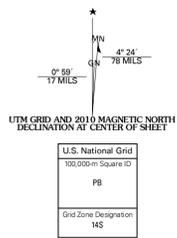
COLLEYVILLE, TEX.  
NW/4 GRAPEVINE 15 QUADRANGLE  
N3252.5-W9707.5/7.5  
1999  
PHOTOREVISED 1981  
DMA 6549 1-NW-SERIES 1982

3297-  
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MAP ROOM  
UNIVERSITY OF TEXAS AT AUSTIN - GENL SER  
NAPS TOPO TX COLLEYVILLE 1981  
PR FCL MAP



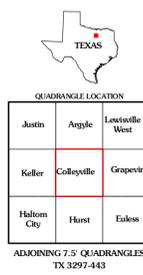
Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 14S  
10 000-foot ticks: Texas Coordinate System of 1983  
(north central zone)

Imagery.....NAP, July 2008  
Roads.....US Census Bureau TIGER data  
with limited USGS updates, 2004  
Names.....GNIS, 2008  
Hydrography.....National Hydrography Dataset, 1995  
Contours.....National Elevation Dataset, 2003



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with version 0.5.10 of the  
draft USGS Standards for 7.5-Minute Quadrangle Maps.  
A metadata file associated with this product is also draft version 0.5.10

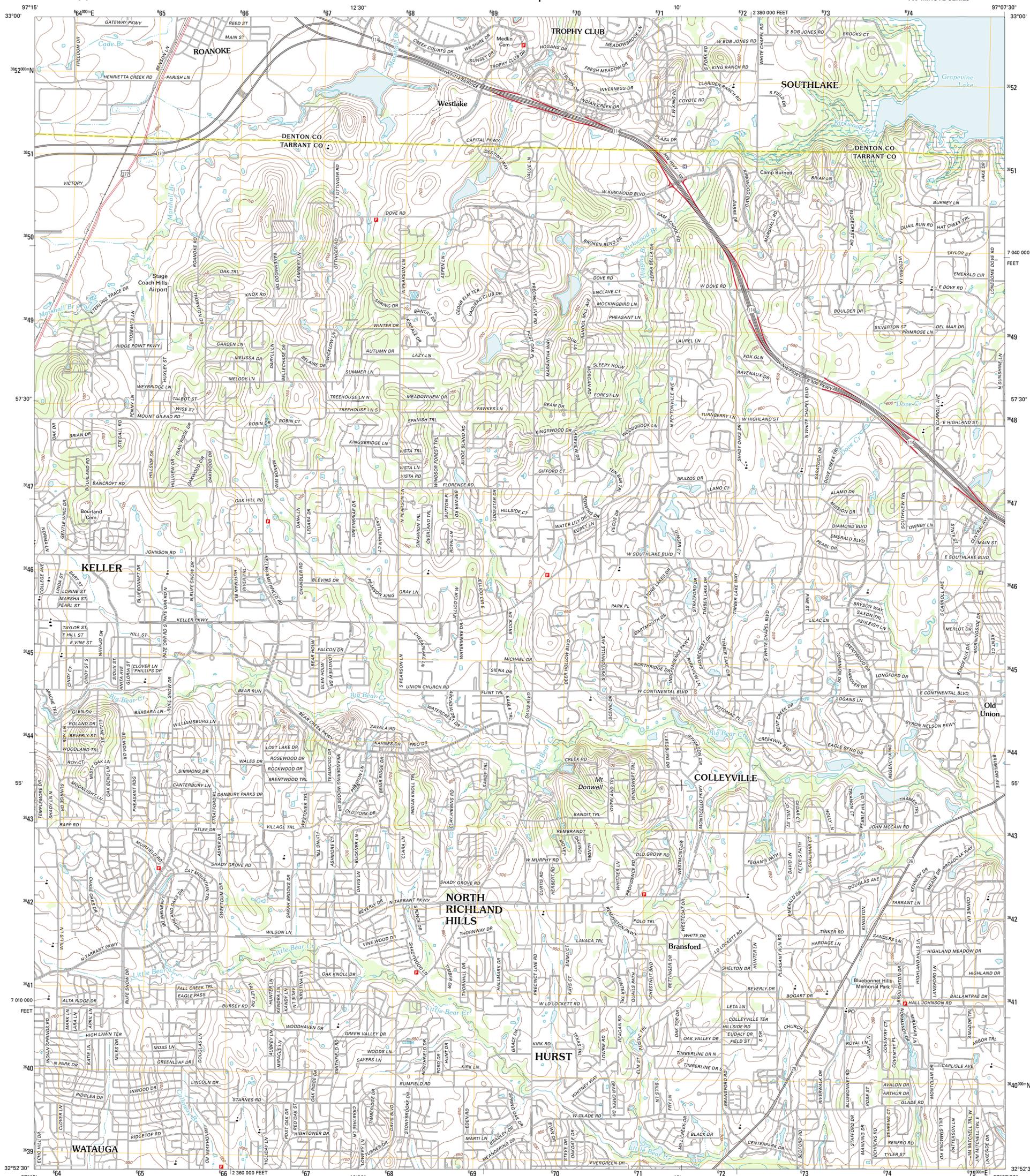




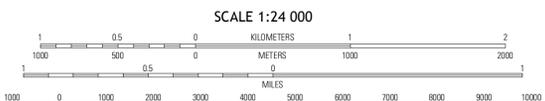
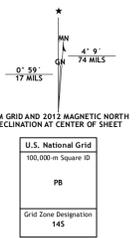
U.S. DEPARTMENT OF THE INTERIOR  
U. S. GEOLOGICAL SURVEY



COLLEYVILLE QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1:800-meter grid: Universal Transverse Mercator, Zone 14S  
10 000-foot ticks: Texas Coordinate System of 1983 (north  
central zone)



CONTOUR INTERVAL 10 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the  
National Geospatial Program US Topo Product Standards, 2011.  
A metadata file associated with this product is draft version 0.6.7



ROAD CLASSIFICATION

Interstate Route	State Route
US Route	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

QUADRANGLE LOCATION

Justin	Argle	Lewisville
Keller	Colleyville	Grapevine
Haltom City	Hurst	Eules

ADJOINING 7.5 QUADRANGLES

COLLEYVILLE, TX  
2012