



# Dallas Road TOD Corridor/ Cotton Belt Extension

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## Project Description

Fort Worth District

Intersection of W. Dallas Road and William D. Tate Avenue to  
Existing Links Trail at Texan Trail Roadway

**CSJ: 0902-90-077**

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

## Project Description

The proposed trail project is located in the City of Grapevine, Tarrant County, Texas. The proposed project consists of the construction of approximately 1.5 miles of the Cotton Belt Trail consisting of a 10-foot wide trail section along the north side of Dallas Road between William D. Tate Avenue (Ball Street) and Dooley Street, a 10-foot wide trail section along the east side of Dooley Street from Dallas Road north to Dallas Area Rapid Transit (DART) right-of-way (ROW), and a 12-foot wide trail section east from Dooley Street along the north side of the DART rail corridor to Texan Trail where it will narrow to 10-feet wide and connect with the Links Trail, a Texas Department of Transportation (TxDOT) on-system trail.

To construct the 10-foot wide trail section along Dallas Road, the existing 5-lane undivided, 67-foot wide pavement section will be reduced on the north side to a 4-lane divided roadway, 59-foot wide pavement section. A 6-foot wide sidewalk would also be constructed along the south side of Dallas Road between William D. Tate Avenue (Ball Street) and Jean Street.

No new ROW and/or easements required for the proposed project.

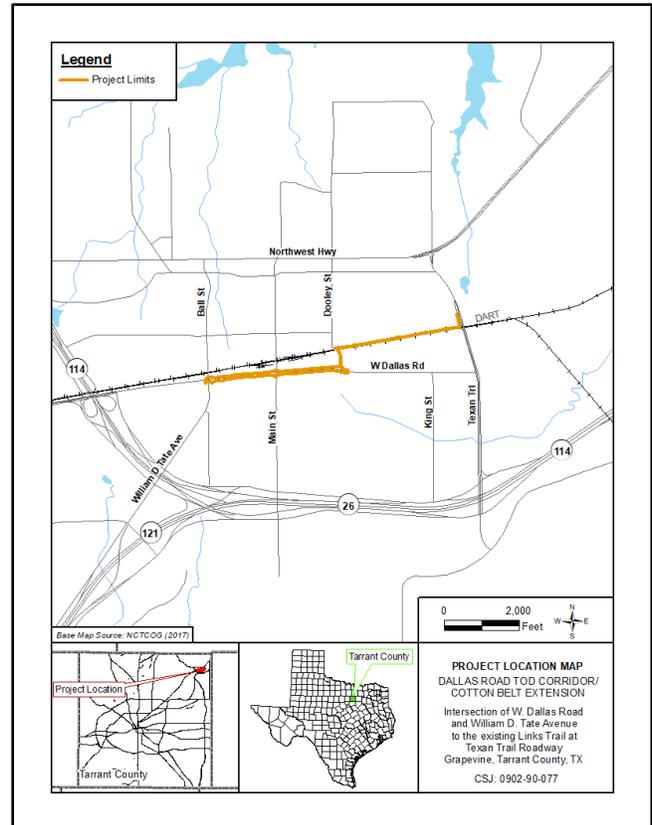


Figure 1: General Project Location



# Project Scope for Categorical Exclusions (CEs)

**Restatement of Project Scope.**

*Check this box if this project scope replaces a prior project scope and amendments concerning the project.*

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## I. Project Definition

**Control Section Job Number(s) (CSJ):** 0902-90-077

**Facility Name:** Dallas Road TOD Corridor/Cotton Belt Extension

**County Name:** Tarrant

**Project Description:** The proposed project consists of the construction of approximately 1.5 miles of the Cotton Belt Trail consisting of a 10-foot wide trail section along the north side of Dallas Road between William D. Tate (Ball Street) and Dooley Street, a 12-foot wide trail section along the east side of Dooley Street from Dallas Road north to DART ROW, and a 12-foot wide trail section east from Dooley Street along the north side of the DART rail corridor to Texan Trail where it narrows to a 10-foot trail and will connect with the Links Trail, a TxDOT on-system trail.

To construct the 10-foot wide trail section along Dallas Road, the existing 5-lane undivided, 67-foot wide pavement section will be reduced on the north side to a 4-lane divided roadway, 59-foot wide pavement section. A 6-foot wide sidewalk will also be constructed along the south side of Dallas Road between William D. Tate (Ball Street) and Dooley Street.

### Project Limits:

**From:** Intersection of W. Dallas Road and William D. Tate Avenue

**To:** Existing Links Trail at Texan Trail Roadway

**Letting Date:** August 2019 (Target Env. Clearance: March 2019)

### Anticipated Funding Source(s):

FHWA  State  Local  Other

**Region:** North

**District:** Fort Worth

**Project Name:** Dallas Road TOD Corridor/Cotton Belt Extension

**Acres of new ROW and/or easements:** No new ROW and/or easements required.



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## II. Anticipated Project Classification

CE (state transportation project)

See 43 T.A.C. §2.81(a)-(c)

CE (FHWA transportation project)

See 43 T.A.C. §2.81(a)-(d)

Federal Aid Project Number: STP ( )TP

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## III. Identification of Proposed Project Sponsor and Department Delegate

Refer to 43 T.A.C. §§ 2.7 & 2.8

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**Proposed Project Sponsor:** City of Grapevine

**Contact Person:** Paul M. Lee, P.E., Senior Civil Engineer

(817) 410-3136

plee@grapevinetexas.gov

200 S. Main Street

Grapevine, TX 76051

**Department Delegate:**

**TxDOT DDOR:** Fort Worth District

**Person with authority to approve an environmental review document on behalf of TxDOT:** Chad Putnam, FTW Environmental Specialist

**Contact Person:** Chad Putnam

(817) 370-6567

Chad.Putnam@txdot.gov

2501 SW Loop 820, Fort Worth, TX 76133



### IV. Coordination with Participating Agencies, State, and Federal Approval Authorities and Required Permits

Refer to 43 T.A.C. §2.12

Check all that apply. If you have additional entries, please submit an attachment.

**Texas Historical Commission (THC)**

Who is responsible for coordination? <sup>1</sup>  Project Sponsor  Department delegate

When will coordination be completed?

- Antiquities Permit Initiated on or before 10/12/2018  
Completed on or before 10/26/2018
- Section 106 Consultation for Archeological Resources Initiated on or before 1/18/2019  
Completed on or before 2/1/2019
- Section 106 Consultation for Historical Resources Initiated on or before 11/30/2018  
Completed on or before 3/18/2019

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

**Texas Parks and Wildlife Department (TPWD)**

Who is responsible for coordination? <sup>2</sup>  Project Sponsor  Department delegate

When will coordination be completed?

- Early Coordination Initiated on or before 1/10/2019  
Completed on or before 3/18/2019

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

<sup>1</sup> Delegate will initiate the coordination with THC. The project sponsor will be responsible for providing any additional information requested as a result of coordination.

<sup>2</sup> Delegate will facilitate all communication with TPWD. The project sponsor will be responsible for providing any additional information requested as a result of coordination.



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**Texas Commission on Environmental Quality (TCEQ)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

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**U.S. Army Corps of Engineers (USACE)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

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**U.S. Fish and Wildlife Service (USFWS)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

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**National Marine Fisheries Services (NMFS)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated



**Project Scope for CE Projects**

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

**Natural Resource Conservation Service (NRCS)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

**U.S. Coast Guard (USCG)**

Who is responsible for coordination?  Project Sponsor  Department delegate

When will coordination be completed? None Anticipated

Will coordination be completed before or after submittal of CE documentation to department delegate?  Before  After

Is a permit or approval required?  Permit  Approval

**Additional participating agencies' information is described in an attachment.**

*Other participating agencies may be state or federal resource agencies, local governments or Native American tribes.*

**V. Public Involvement**

<i>Check all that apply.</i>	<i>Enter planned dates in this column</i>	<i>Enter Notes in this column</i>
<input type="checkbox"/> <b>Meeting with affected property owners</b>	None Anticipated	
<input type="checkbox"/> <b>Public meeting</b>	None Anticipated	



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**Opportunity for public hearing**      None Anticipated

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**Public hearing**      Completed on or before 4/10/2019      In accordance with Texas Transportation Code §203.023 and the February 6, 2018 TxDOT Memorandum regarding *Public hearing requirement for "substantial change in layout or function, including the addition of bicycle lanes and other special purpose lanes, the conversion of an undivided roadway to a divided roadway qualifies as a "substantial change in layout" as defined in the February 6, 2018 TxDOT Memorandum regarding the Public hearing requirement for "substantial change in layout or function, including the addition of bicycle lanes and other special purpose lanes.*

The public hearing must be conducted and documented in accordance with TxDOTs Environmental Handbook for Public Involvement.

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**Public hearing required by Texas Parks & Wildlife Code Chapter 26**      None Anticipated

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**Opportunity for comment required by Transportation Code § 203.022**      None Anticipated

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**Additional Section 106 Outreach**

**Consulting parties**

**CHC contacts (for bridge projects)**



**Tribal consultation** Initiated on or before 2/2/2019 Tribal consultation will be initiated by the delegate.

Completed on or before 3/19/2019

**Certified Local Governments (with historic zoning regulations)**

**Additional public involvement activities are described in an attachment.**

### VI. Surveys, Studies and Other Tasks: Project Schedule

Identify any surveys, studies or other tasks that will be completed by the department delegate prior to technical review of the CE documentation.

Identify tasks by entering the name of the Work Breakdown Structure (WBS) for the survey, study or other task indicated on TxDOT's P6 Environmental Issue Templates. Multiple WBSs may be identified for each subject, if appropriate. If a WBS has not yet been developed, describe the survey, study, or other task as succinctly as possible.

Indicate whether the project sponsor or the department delegate is responsible and enter the planned date by which the entity will submit a report or other documentation of the survey, study or other task.

Note that the project sponsor may submit surveys, studies, and other reports directly to an approving or participating agency when the project sponsor is responsible for coordinating with that agency.

Additional studies or tasks that may be necessary pending the results of a study should be identified to the fullest extent possible, with a note identifying them as contingent tasks.

**Air**  **Project Sponsor**  **Department delegate**

**Task list or WBS is attached to this form**

None Anticipated

*Findings: In accordance with federal guidelines in 40 CFR 93.126, the proposed project is exempt from a conformity determination. The project is not located within a CO or PM nonattainment or maintenance area. Therefore, a project level hot-spot analysis is not required. The proposed action would not add capacity to an existing facility. Current and future emissions should continue to follow existing trends not being affected by this project. Due to the nature of this project, further carbon monoxide analysis is not required. This project has been determined to generate minimal air quality impacts for CAAA criteria pollutants and has not been linked with any special MSAT concerns. This project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause an increase in MSAT impacts of the project. This*



## Project Scope for CE Projects

project is not adding SOV capacity and is therefore exempt from a Congestion Management Process analysis. During the construction phase of this project, temporary increases in PM and MSAT emissions may occur from construction activities. The primary construction-related emissions of PM are fugitive dust from site preparation, and the primary construction-related emissions of MSAT are diesel particulate matter from diesel powered construction equipment and vehicles. The potential impacts of PM emissions will be minimized by using fugitive dust control measures contained in standard specifications, as appropriate. Considering the temporary and transient nature of construction-related emissions, as well as the mitigation actions to be utilized including compliance with applicable regulatory requirements, it is not anticipated that emissions from construction of this project will have a significant impact on air quality in the area.

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### Archeology

Project Sponsor     Department delegate

Task list or WBS is attached to this form

ARC.1 - Archeological Background Study

Draft Submittal on or before 6/22/2018

Final review and approval completed on or before 8/16/2018

ARC.2 - Antiquities Permit<sup>3</sup>

Draft Submittal on or before 8/17/2018

Final review and submission to THC on or before 10/11/2018

ARC.3 - Archeological Survey Report<sup>4</sup>

Draft Submittal on or before 11/22/2018

Final review and submission to THC on or before 1/17/2019

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### Biology

Project Sponsor     Department delegate

Task list or WBS is attached to this form

BIO.2 - Biological Evaluation Form

Draft Submittal on or before 11/29/2018

Final review and approval completed on or before 1/9/2019

BIO.3 - Tier I Site Assessment Form

Draft Submittal on or before 11/29/2018

Final review and approval completed on or before 1/9/2019

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<sup>3</sup> The applicability of this task will be determined following the review and approval of the Archeological Background Study.

<sup>4</sup> The applicability of this task will be determined following the review and approval of the Archeological Background Study and after the issuance of a valid antiquities permit.



**Community Impact Analysis**

Project Sponsor     Department delegate

Task list or WBS is attached to this form

Define Community Impacts Study Area

Draft Submittal on or before 11/13/2018

Final review and approval completed on or before 12/10/2018

Community Impact Assessment Technical Report Form

Draft Submittal on or before 1/7/2019

Final review and approval completed on or before 3/18/2019

**Hazardous Materials**

Project Sponsor     Department delegate

Task list or WBS is attached to this form

Hazardous Materials Initial Site Assessment

Draft Submittal on or before 1/8/2019

Final review and approval completed on or before 3/18/2019

**History**

Project Sponsor     Department delegate

Task list or WBS is attached to this form

Project Coordination Request for Historical Studies Project<sup>5</sup>

Draft Submittal on or before 4/6/2018

Final review and approval completed on or before 6/14/2018

Historic Resources Research Design Report<sup>6</sup>

Draft Submittal on or before 7/12/2018

Final review and approval completed on or before 9/6/2018

Historic Resources Reconnaissance Survey Report<sup>7</sup>

Draft Submittal on or before 10/4/2018

Final review and submission to THC on or before 11/29/2018

<sup>5</sup> Delegate will finalize the form and submit to SME for review.

<sup>6</sup> The applicability of this task will be determined following the review and approval of the Historical Studies Project Coordination Request.

<sup>7</sup> The applicability of this task will be determined following the review and approval of the Historical Studies Project Coordination Request.



**Indirect Impacts**

Project Sponsor  Department delegate

Task list or WBS is attached to this form

None Anticipated

**Cumulative Impacts**

Project Sponsor  Department delegate

Task list or WBS is attached to this form

None Anticipated.

*Findings: Listed CE projects would not normally require a cumulative impacts analysis unless it is found that there would be substantial direct or indirect impacts to a resource OR if there will be any impact on a resource in poor or declining health.*

**Noise**

Project Sponsor  Department delegate

Task list or WBS is attached to this form

None Anticipated.

*Findings: The proposed project would not be on a new location, would not substantially alter either the horizontal or vertical alignment, and would not increase the number of through-traffic lanes or auxiliary lanes. Therefore, a traffic noise analysis is not required by 23 CFR 772 or TxDOT's Guidelines for Analysis and Abatement of Roadway Traffic Noise (2011).*

**Texas Parks and Wildlife Code Chapter 26**

Project Sponsor  Department delegate

Task list or WBS is attached to this form

None Anticipated.

**Water Resources (Section 401, 402, 404, etc.)**

Project Sponsor  Department delegate

Task list or WBS is attached to this form

Table of Impacts for TCEQ Stream Segments  
*\*Delegate will provide the appropriate format upon request.*

Draft Submittal on or before 2/5/2019

Final review and approval completed on or before 3/18/2019

*Findings: The proposed project is not located in a county regulated by the Edwards Aquifer Rules. This project is not located within the Texas Coastal Management Plan boundary. Therefore a consistency determination is not required. This project is not located in a county that contains resources regulated under the Wild and Scenic Rivers Act. The proposed project is not located in a county that contains resources regulated by the IBWC. Therefore, coordination with the IBWC is not required. This project is not a development activity within the Trinity River Corridor Development Regulatory zone. Therefore, coordination with the Trinity River CDC is not required. This project*



## Project Scope for CE Projects

would not result in the placement of temporary or permanent dredge or fill material into potentially jurisdictional Waters of the U.S., including wetlands or other special aquatic sites. Therefore a Section 404 permit is not required. The project would not involve alterations to, or temporary or permanently occupy or use, any USACE federally authorized civil works project pursuant to 33 USC 408. Executive Order 11990 on wetlands does not apply because no wetlands will be impacted. This project would not require a USACE Section 404 Permit. Therefore Section 401 Certification would not be required. This project does not involve the construction or modification (including changes to lighting) of a bridge or causeway across a navigable water of the U.S. Therefore Section 9 of the Rivers and Harbors Act does not apply. This project does not involve work in or over a navigable water of the U.S. Therefore Section 10 of the Rivers and Harbors Act does not apply. This project would include less than one acre of earth disturbance, and is not part of a larger common plan of development that would disturb one or more acres. Therefore TCEQ's TPDES CGP is not expected to apply. The project activities would not affect a base floodplain.

### Section 4(f) of the US Department of Transportation Act

Project Sponsor     Department delegate

Task list or WBS is attached to this form

None Anticipated.

*Findings: No Section 4(f) resources will be impacted by the project.*

### Section 6(f) of the Land and Water Conservation Fund Act

Project Sponsor     Department delegate

Task list or WBS is attached to this form

None Anticipated.

*Findings: No Parks and Wildlife Code, Chapter 26 properties will be impacted by the project.*

Task lists for additional are described in an attachment.

Submission of CE Documentation to Department Delegate

All documentation to be submitted and approved by 6/21/2020



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## VII. Dispute Escalation Ladder

Refer to 43 T.A.C. §2.44(c)(12)

The following representatives of the project sponsor and department delegate will attempt to resolve any disputes regarding this project scope according to the deadlines indicated. If the Level 1 representatives are unsuccessful, they will refer the dispute to the Level 2 representatives.

A referral for dispute resolution must be submitted in writing to both named representatives.

The time allowed for negotiations will begin from the date of each submittal.

If informal dispute resolution fails then the dispute will be resolved under 43 T.A.C. §2.52(b) and (c) (concerning formal dispute resolution).

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### Level 1 – Deadline for completion: 20 days after submittal

**Project Sponsor’s representative:** Paul M. Lee, P.E.  
Senior Civil Engineer

**Department Delegate’s representative:** John Cordary, P.E.  
Director of Transportation Planning and  
Development

### Level 2 – Deadline for completion: 60 days after submittal

**Project Sponsor’s representative:** Bryan Beck, P.E.  
Administrative & Engineering Director

**Department Delegate’s representative:** Loyl C. Bussell, P.E.  
Acting District Engineer

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## VIII. Optional Fee

Do not complete this section unless the project sponsor is a local government.

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- The project sponsor requests calculation of a fee for this project.
- The project sponsor is not considering paying a fee for this project.



**Department delegate's estimate of fee (if requested):**

- The project sponsor has paid a fee for this project.
- The project sponsor will not pay a fee for this project.

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**IX. Comments**

*This section provides space for the project sponsor or department delegate to record comments related to information in the project scope.*

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**Project Sponsor comments:**

We are requesting that our environment consultant (Civil Associates, Inc.) be allowed to work directly with TxDOT's environmental project manager, on behalf of the City of Grapevine. Please copy Paul Lee on all correspondence.

**Department Delegate comments:**

All submissions must be technically complete and free of typographical and grammatical errors. Inadequate submissions will be returned to the sponsor for revisions and may require additional reviews.

All submissions must come from the identified project sponsor, unless otherwise directed, and should be submitted to the appropriate TxDOT North Tarrant County Area Office project manager.

All documentation must be in compliance with the most current standards in the TxDOT Environmental Compliance Toolkits at the time of submission.

All submissions must be accompanied by all supporting documentation that was used during the development and completion of the individual forms and reports.

All reports must be prepared using the "Master Report Template" which will be provided by the department delegate upon request.

All completed reports and forms should be submitted in both an editable format and in PDF format.

Submissions of project documentation will be accepted in digital format unless otherwise specified by the department delegate.

Supporting documentation that is utilized in multiple reports and tables may be submitted separately as a stand-alone document and incorporated by reference into the various reports and tables to avoid unnecessary duplication of documentation.

The project sponsor will maintain the documentation showing work completed in the course of



## ***Project Scope for CE Projects***

developing the environmental documentation. Prior to issuing an environmental decision, the project sponsor will be required to forward the project file to the Delegate, as directed by the identified Delegate point of contact.



**X. Signatures**

The department delegate's approval is based on information about the project provided by the project sponsor either on this form or by separate written correspondence to the department delegate.

The department delegate may not sign the project scope until payment is received.

By signing below, the project sponsor's and department delegate's authorized representatives each indicate approval of this document as fulfilling the requirements of 43 T.A.C. §2.44, relating to Project Scope.

**Project sponsor:** Paul M. Lee, P.E., Senior Civil Engineer

Signature of Project Sponsor

4-22-18

Date

**Department delegate:** Chad Putnam, TxDOT Fort Worth District

\_\_\_\_\_  
Signature of Department delegate

4/30/2018

Date

**Note:** If the project sponsor elects to pay a fee, the fee must be paid before the department delegate signs.

**FHWA (to be completed at FHWA's option for FHWA transportation project)**

FHWA's approval is based on information about the project provided by the project sponsor either on this form or by separate written correspondence to FHWA, and is subject to revocation if warranted by the results of surveys or studies or other new information.

By signing below, FHWA's authorized representative indicates approval of the anticipated project classification and planned coordination with participating agencies; state and federal approval authorities and permits; public involvement; and surveys, studies and other tasks described herein.

\_\_\_\_\_  
Signature of FHWA Authorized Representative

\_\_\_\_\_  
Date



# ***ATTACHMENTS***



# ***Attachment A: Environmental Work Breakdown Structures***



# Categorical Exclusion Work Breakdown Structures for Federally Funded Local Government Sponsored Projects

**Note:** The work breakdown structures (WBS) presented in this document are for planning purposes only and serve as a representation of the typical environmental process. This process may differ based on the needs for the specific project in which they are being applied. The environmental scope should be used to identify which WBS's are necessary for a given project.

*Estimated durations are represented in business days, unless otherwise specified.*

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## AIR QUALITY

### AQ.1: Transportation Conformity Report Form

The Transportation Conformity Report Form can be found at the following web address:  
<http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/air-quality.html>

At a minimum, include the following as supporting documentation:

- Copies of the applicable pages of the MTP, TIP and STIP
- A copy of project schematics and typical sections

WBS Sequence	Task	Est. Duration
<b>Draft Conformity Report Form</b>		
1	Sponsor: Submit Draft Conformity Report to District	--
2	DIST-ENV: Review and Comment/Forward Draft Conformity Report Form	10 days
3	ENV-PPA\ENV-PD: Review and Comment/Approve on Draft Conformity Report Form	10 days
<b>Final Conformity Report Form</b>		
4	Sponsor: Revise and Submit Final Conformity Report to District	10 days
5	DIST-ENV: Review and Comment/Forward Conformity Report Form	10 days
6	ENV-PPA\ENV-PD: Review and Comment/Approve Final Conformity Report Form (If approved, submit to FHWA for final Approval)	10 days
<b>Transportation Conformity Approval</b>		
7	FHWA: Review and Approve Conformity Report Form	60 calendar days

### AQ.2: North Central Texas Council of Governments (NCTCOG) Congestion Management Process (CMP) Project Information Form

The directions for completing a CMP Project Implementation Form can be found on the North Central Texas Council of Governments webpage at: <http://www.nctcog.org/trans/cmp/ProjectForms.asp>

WBS Sequence	Task	Est. Duration
<b>Draft NCTCOG CMP Project Information Form</b>		
1	Sponsor: Complete NCTCOG CMP Project Information Form and Submit to District	--



WBS Sequence	Task	Est. Duration
2	DIST-ENV: Review and Comment/Forward Draft NCTCOG CMP Project Information Form	10 days
<b>Final NCTCOG CMP Project Information Form</b>		
3	Sponsor: Revise NCTCOG CMP Project Information Form and Submit to District	10 days
4	DIST-ENV: Review Final NCTCOG CMP Project Information Form (If approved, submit to NCTCOG)	10 days

### AQ.3: Air Quality Analysis Technical Report

The technical report should be completed using the “Standard Operating Procedure for Preparing Air Quality Statements” guidance located on the TxDOT Environmental Compliance Toolkits webpage at the following link: <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/air-quality.html>

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. North Central Texas Council of Governments (NCTCOG) Congestion Management Process (CMP) Project Information Form</p>

WBS Sequence	Task	Est. Duration
<b>Draft Air Quality Analysis Technical Report</b>		
1	Sponsor: Submit Draft Air Quality Analysis Technical Report	--
2	DIST-ENV: Review and Comment/Forward Draft Air Quality Analysis Technical Report	10 days
3	ENV-PPA\ENV-PD: Review and Comment/Approve Draft Air Quality Analysis Technical Report	10 days
<b>Final Air Quality Analysis Technical Report</b>		
4	Sponsor: Revise Air Quality Analysis Technical Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Air Quality Analysis Technical Report	10 days
6	ENV-PPA\ENV-PD: Review and Comment/Approve Final Air Quality Analysis Technical Report	10 days

## ARCHEOLOGY

### ARC.1: Archeological Background Study

The directions for completing a background study can be found under “Review Standard for Archeological Background Studies” within the Environmental Affairs Division portion of the TxDOT internet site at:

<http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/toolkit.html>

- A professional archeologist must conduct the archeological background study
- A Texas Antiquities Permit is not required to conduct an archeological background study

At a minimum, include the following as supporting documentation:

- Map of the project area on a USGS 7.5' quadrangle (or equivalent if a 7.5' quadrangle is unavailable)
- Map of area of potential effects (APE)
  - APE must include the limits of the existing right of way; proposed, new project right of way; permanent and temporary easements; utility relocations; and project-specific locations.
  - The APE encompasses the entirety of the project area, regardless of the extent of prior archeological investigations, the particular locations subject to proposed field investigations, or the portion of a project added through a design change.
- Clearly reproducible layouts
  - Layouts must show the existing and proposed right of way boundaries and easements.
- Clearly reproducible profiles, when available
- Typical Sections
- Relevant project photos

WBS Sequence	Task	Duration
<b>Draft Archeological Background Study</b>		
1	Sponsor: Submit Draft Background Study	--
2	DIST-ENV: Review and Comment/Forward Draft Background Study	5 days
3	ENV-CRM\ENV-PD: Review and Comment/Approve Draft Background Study	10 days
<b>Final Archeological Background Study</b>		
4	Sponsor: Revise Background Study Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Background Study	5 days
6	ENV-CRM\ENV-PD: Review Final Background Study (If approved, submit to THC)	10 days



## ARC.2: Antiquities Permit

The directions for completing an antiquities permit application can be found under “Review Standard for Antiquities Permit Applications” within the Environmental Affairs Division portion of the TxDOT internet site at: <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/toolkit.html>

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>
A. Archeological Background Study

WBS Sequence	Task	Est. Duration
<b>Draft Antiquities Permit Application</b>		
1	Sponsor: Submit Draft Antiquities Permit Application to District	--
2	DIST-ENV: Review and Comment/Forward Draft Antiquities Permit Application	5 days
3	ENV-CRM\ENV-PD: Review and Comment/Forward Draft Antiquities Permit Application	10 days
<b>Final Antiquities Permit Application</b>		
4	Sponsor: Revise Antiquities Permit Application and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Antiquities Permit Application	5 days
6	ENV-CRM\ENV-PD: Review and Comment/Forward Final Antiquities Permit Application (If approved, submit to THC)	10 days
<b>Coordinate Antiquities Permit Application</b>		
7	THC: Review and Approve Antiquities Permit Application	14 calendar days

## ARC.3: Archeological Survey Report

The directions for completing an archeological survey report can be found under “Review Standard for Archeological Survey Reports” within the Environmental Affairs Division portion of the TxDOT internet site at: <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/toolkit.html>

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>
A. Archeological Background Study B. Antiquities Permit Application



WBS Sequence	Task	Est. Duration
<b>Draft Archeological Survey Report</b>		
1	Sponsor: Prepare Draft Archeological Survey Report and Submit to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Archeological Survey Report	5 days
3	ENV-CRM/ENV-PD: Review and Comment/Forward Draft Archeological Survey Report	10 days
<b>Final Archeological Survey Report</b>		
4	Sponsor: Revise Final Archeological Survey Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Archeological Survey Report	5 days
6	ENV-CRM/ENV-PD: Review Final Archeological Survey Report (If approved, submit to THC)	10 days
<b>Section 106 THC Consultation for Archeological Resources</b>		
7	THC: Review and Approve Final Archeological Survey Report	14 calendar days

#### **ARC.4: Tribal Coordination**

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>	
<ul style="list-style-type: none"> <li>A. Archeological Background Study</li> <li>B. Antiquities Permit Application</li> <li>C. Archeological Survey Report</li> </ul>	

WBS Sequence	Task	Est. Duration
<b>Tribal Coordination</b>		
1	ENV-CRM: Initiate Tribal Coordination	1 day
2	TRIBES: Review and Provide Comment	45 calendar days



## BIOLOGY

### BIO.1: Farmland Protection Policy Act (FPPA) Form SCS-CPA 106 or AD-1006

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. Identify Proposed Right of Way and Easements</p>

WBS Sequence	Task	Duration
<b>Form SCS-CPA 106 or AD-1006</b>		
1	Sponsor: Submit FPPA Form SCS-CPA 106 or AD-1006 to District	--
2	DIST-ENV: Review and Comment/Forward on FPPA Form SCS-CPA 106 or AD-1006 (If approved, submit to NRCS)	10 days
<b>National Resources Conservation Service (NRCS) FPPA Coordination</b>		
3	NRCS: Review and Comment/Approve FPPA Form SCS-CPA 106 or AD-1006	30 calendar days
4	Sponsor: Address and Document Response to NRCS Recommendations	10 days
5	DIST-ENV: Review Responses to NRCS Recommendations	5 days
6	ENV-NRM/ENV-PD: Review and Approve Responses to NRCS Recommendations	10 days

### BIO.2: Biological Evaluation Form

The Biological Evaluation Form can be found at the following web address:

<http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/ecological-resources.html>

At a minimum, include the following as supporting documentation:

- USFWS IPaC Trust Resource Report
- FPPA Documentation (as needed for supporting documentation)
- Relevant project photos

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. 30% Schematic (conceptual drawing of preferred alternative) B. Form SCS-CPA 106 or AD-1006 C. National Resources Conservation Service (NRCS) FPPA Coordination</p>



WBS Sequence	Task	Est. Duration
<b>Draft Biological Evaluation Form</b>		
1	Sponsor: Submit Draft Biological Evaluation Form to District	--
2	DIST-ENV: Review and Comment/Approve Draft Biological Evaluation Form	10 days
<b>Final Biological Evaluation Form</b>		
3	Sponsor: Prepare Final Biological Evaluation Form and Submit to District	10 days
4	DIST-ENV: Review and Comment/Approve Final Biological Evaluation Form	10 days

**BIO.3: Tier I Site Assessment Form**

The Tier I Site Assessment Form can be found at the following web address:

<http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/ecological-resources.html>

At a minimum, include the following as supporting documentation:

- TPWD County T&E List
- Species Impact Table (delegate will provide appropriate format upon request)
- TXNDD Documentation
  - Include request sent to TPWD, TPWD response (including all attachments), and EOID table (if integrated table is not utilized).
- EMST Documentation (if needed for Tier I Site Assessment)
  - Include EMST Summary Table (delegate will provide appropriate format upon request), EMST map with delineated impact area, and any GIS files used to create EMST documentation.
- Relevant project photos
- All previous TPWD Coordination Documentation (if applicable)

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>
<ul style="list-style-type: none"> <li>A. 30% Schematic (conceptual drawing of preferred alternative)</li> <li>B. Form SCS-CPA 106 or AD-1006</li> <li>C. National Resources Conservation Service (NRCS) FPPA Coordination</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft Tier I Site Assessment Form</b>		
1	Sponsor: Submit Draft Tier I Site Assessment Form to District	--



WBS Sequence	Task	Est. Duration
2	DIST-ENV: Review and Comment/Approve Draft Tier I Site Assessment Form	10 days
<b>Final Tier I Site Assessment Form</b>		
3	Sponsor: Prepare Final Tier I Site Assessment Form and Submit to District	10 days
4	DIST-ENV: Review and Comment/Approve Draft Tier I Site Assessment Form	10 days

**BIO.4: Texas Parks and Wildlife (TPWD) – Early Coordination**

<p><b>Predecessor(s):</b>  <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i></p> <ul style="list-style-type: none"> <li>A. 30% Schematic (conceptual drawing of preferred alternative)</li> <li>B. Form SCS-CPA 106 or AD-1006</li> <li>C. National Resources Conservation Service (NRCS) FPPA Coordination</li> <li>D. Biological Evaluation Form</li> <li>E. Tier I Site Assessment</li> </ul>
---

WBS Sequence	Task	Est. Duration
<b>Early Coordination with TPWD</b>		
1	DIST-ENV: Initiate Early Coordination with TPWD	1 day
2	TPWD: Review and Comment on Coordination Documentation	60 calendar days
3	Sponsor: Provide Responses to TPWD Comments	5 days
4	DIST-ENV: Review and Comment/Approve Responses to TPWD Comments and (If approved, DIST-ENV to submit to TPWD)	5 days
5	TPWD: Review and Comment/Approve Responses	10 days



## ENVIRONMENTAL JUSTICE & COMMUNITY IMPACTS

### CIA.1: Define Community Impacts Study Area

WBS Sequence	Task	Duration
<b>Define Community Impacts Study Area</b>		
1	Sponsor: Submit a draft map showing the chosen community study area boundaries and provide a brief explanation as to why the delineated community study area was chosen.	--
2	DIST-ENV: Review and Comment/Forward Draft Community Impacts Study Area	10 days
3	ENV-PPA/ENV-PD: Review and Comment/Approve Draft Community Impacts Study Area	10 days

### CIA.2: Community Impact Assessment Technical Report Form

The Community Impact Assessment Technical Report Form can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/710-01-ds.pdf>

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>
<ul style="list-style-type: none"> <li>A. 30% Schematic (conceptual drawing of preferred alternative)</li> <li>B. Define Community Impacts Study Area</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft Community Impacts Assessment Technical Report Form</b>		
1	Sponsor: Submit Draft Community Impacts Assessment Technical Report Form to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Community Impacts Assessment Technical Report Form	10 days
3	ENV-PPA/ENV-PD: Review and Comment/Approve Draft Community Impacts Assessment Technical Report Form	10 days
<b>Final Community Impacts Assessment Technical Report Form</b>		
4	Sponsor: Prepare Final Community Impacts Assessment Technical Report Form and Submit to District	10 days



**Categorical Exclusion Work Breakdown Structures  
for Federally Funded Local Government Sponsored Projects**

<b>WBS Sequence</b>	<b>Task</b>	<b>Est. Duration</b>
5	DIST-ENV: Review and Comment/Forward Final Community Impacts Assessment Technical Report Form	10 days
6	ENV-PPA/ENV-PD: Review and Comment/Approve Final Community Impacts Assessment Technical Report Form	10 days



## HAZARDOUS MATERIALS

### HAZ.1: Hazardous Materials Initial Site Assessment

The Hazardous Materials Initial Site Assessment form can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/510-02-ds.docx>

At a minimum, include the following as attachments:

- Project Map
- ROW Maps (if available)
- USGS Topo Maps
- Sanborn Fire Insurance Maps (if available)
- Regulatory Database Search documentation (if applicable)
- Lead Based Paint and Asbestos Test Results (required for any bridge or building demolition or renovation operations)
- Photographs

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. 30% Schematic (conceptual drawing of preferred alternative)</p>

WBS Sequence	Task	Est. Duration
<b>Draft Hazardous Materials Initial Site Assessment</b>		
1	Sponsor: Submit Draft Hazardous Materials Initial Site Assessment	--
2	DIST-ENV: Review and Comment/Forward Draft Hazardous Materials Initial Site Assessment	10 days
3	ENV-PPA\ENV-PD: Review and Comment/Approve Draft Hazardous Materials Initial Site Assessment	10 days
<b>Final Hazardous Materials Initial Site Assessment</b>		
4	Sponsor: Prepare Final Hazardous Materials Initial Site Assessment and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Hazardous Materials Initial Site Assessment	10 days
6	ENV-PPA\ENV-PD: Review and Comment/Approve Final Hazardous Materials Initial Site Assessment	10 days

## HISTORY

### HIS.1: Appendix 4—(Minimal Potential to Affect Historic Properties) Documentation

At a minimum, the following documentation will need to be provided to the Delegate:

- Project Description
- Map(s) delineating the following:
  - Existing and proposed ROW boundaries
  - Area of Potential Effect
  - Parcel Boundaries for properties within the APE.
    - Parcels should be labeled or keyed for reference.
  - Results of the Texas Historic Sites Atlas identified on color aerial map(s) or equivalent.
    - Identify NHL, NRHP, SAL, and RTHL resources located within one-quarter mile of the APE
  - Results of the Texas Historic Sites Atlas for the APE listed in a table format
    - Identify NHL, NRHP, SAL, and RTHL resources located within one-quarter mile of the APE
  - Map of Historic Bridges<sup>1</sup>
  - Photos
    - Photos should include the following elements:
      - Buildings/structures in the APE and those adjacent
      - Road Features (culverts, bridges, landscaping, etc.)
      - Areas of proposed construction
  - Available Plans
  - Documentation of previous consultations and/or coordination's (if applicable)

**Predecessor(s):**

*If applicable, the following items must be completed prior to the submission of this deliverable:*

- A. 30% Schematic (conceptual drawing of preferred alternative)
- B. Coordination with Local Historical Commission and County Historical Commission

WBS Sequence	Task	Est. Duration
<b>Draft Historical Appendix 4 Documentation</b>		
1	Sponsor: Submit Draft Historical Appendix 4 Documentation to District	--
2	DIST-ENV: Review and Comment/Forward Draft Historical Appendix 4 Documentation	10 days
3	ENV-CRM/ENV-PD: Review and Comment/Approve Draft Historical Appendix 4 Documentation	10 days

<sup>1</sup> The TxDOT Historic Bridges of Texas data may be obtained at the following URL:

<http://www.arcgis.com/home/webmap/viewer.html?webmap=e55a0c5725644e5badef578db02bee9f>



**Categorical Exclusion Work Breakdown Structures  
for Federally Funded Local Government Sponsored Projects**

<b>WBS Sequence</b>	<b>Task</b>	<b>Est. Duration</b>
<b>Final Historical Appendix 4 Documentation</b>		
4	Sponsor: Prepare Final Historical Appendix 4 Documentation and Submit to District	5 days
5	DIST-ENV: Review and Comment/Forward Final Historical Appendix 4 Documentation	5 days
6	ENV-CRM\ENV-PD: Review and Comment/Approve Final Historical Appendix 4 Documentation	10 days



## HIS.2: Project Coordination Request (PCR) for Historical Studies Project

The Project Coordination Request for Historical Studies Project form can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/421-01-pcr.pdf>

At a minimum, include the following as attachments:

- Map(s) delineating the following:
  - Existing and proposed ROW boundaries
  - Area of Potential Effect
  - Parcel Boundaries for properties within the APE.
    - Parcels should be labeled or keyed for reference.
  - Results of the Texas Historic Sites Atlas identified on color aerial map(s) or equivalent.
    - Identify NHL, NRHP, SAL, and RTHL resources located within one-quarter mile of the APE
  - Results of the Texas Historic Sites Atlas for the APE listed in a table format
    - Identify NHL, NRHP, SAL, and RTHL resources located within one-quarter mile of the APE
  - Map of Historic Bridges
  - Photos
    - Photos should include the following elements:
      - Buildings/structures in the APE and those adjacent
      - Road Features (culverts, bridges, landscaping, etc.)
      - Areas of proposed construction
  - Available Plans
  - Documentation of previous consultations and/or coordination's (if applicable)

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>
<ul style="list-style-type: none"> <li>C. 30% Schematic (conceptual drawing of preferred alternative)</li> <li>D. Coordination with Local Historical Commission and County Historical Commission</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft PCR for Historical Studies Project</b>		
1	Sponsor: Submit Draft PCR for Historical Studies Project to District	--
2	DIST-ENV: Review and Comment/Forward Draft PCR for Historical Studies Project Form	10 days
3	ENV-CRM\ENV-PD: Review and Comment/Approve Draft PCR for Historical Studies Project Form	10 days



WBS Sequence	Task	Est. Duration
<b>Final PCR for Historical Studies Project</b>		
4	Sponsor: Prepare Final PCR for Historical Studies Project Form and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final PCR for Historical Studies Project Form	10 days
6	ENV-CRM\ENV-PD: Review and Comment/Approve Final PCR for Historical Studies Project Form	10 days

### HIS.3: Historic Resources Research Design Report

The Historic Resources Research Design documentation standard can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/421-01-ds.pdf>

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p> <ul style="list-style-type: none"> <li>A. 60% Schematic (preliminary geometric layout)</li> <li>B. Project Coordination Request (PCR) for Historical Studies Project</li> </ul>
---

WBS Sequence	Task	Est. Duration
<b>Draft Historic Resources Research Design Report</b>		
1	Sponsor: Submit Draft Historic Resources Research Design Report to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Historic Resources Research Design Report	5 days
3	ENV-CRM\ENV-PD: Review and Comment/Approve Draft Historic Resources Research Design Report	10 days
<b>Final Historic Resources Research Design Report</b>		
4	Sponsor: Prepare Final Historic Resources Research Design Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Historic Resources Research Design Report	5 days
6	ENV-CRM\ENV-PD: Review and Comment/Approve Final Review and Comment on Historic Resources Research Design Report	10 days



## HIS.4: Historical Resources Reconnaissance Survey Report

The Historic Age Resource Reconnaissance Survey Report documentation standard can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/421-04-ds.pdf>

**Notes:**

- The APE will be determined through consultation with TxDOT Historians and TxDOT District Environmental Staff
- The Reconnaissance Survey must be completed by a prequalified TxDOT historian.

<p><b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i></p>
<ul style="list-style-type: none"> <li>A. 60% Schematic (preliminary geometric layout)</li> <li>B. Project Coordination Request (PCR) for Historical Studies Project</li> <li>C. Historic Resources Research Design Report</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft Historical Resources Reconnaissance Survey Report</b>		
1	Sponsor: Submit Draft Historical Resources Reconnaissance Survey Report to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Historical Resources Reconnaissance Survey Report	5 days
3	ENV-CRM\ENV-PD: Review and Comment/Forward Draft Historical Resources Reconnaissance Survey Report	10 days
<b>Final Historical Resources Reconnaissance Survey Report</b>		
4	Sponsor: Prepare Final Historical Resources Reconnaissance Survey Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Historical Resources Reconnaissance Survey Report	5 days
6	ENV-CRM\ENV-PD: Review and Comment/Forward Final Historical Resources Reconnaissance Survey Report	10 days



**HIS.5: Section 106 Texas Historical Commission (THC) Consultation for Historical Resources for FHWA Projects**

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<ul style="list-style-type: none"> <li>A. 60% Schematic (preliminary geometric layout)</li> <li>B. Project Coordination Request (PCR) for Historical Studies Project</li> <li>C. Historic Resources Research Design Report</li> <li>D. Historical Resources Reconnaissance Survey Report</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Section 106 Texas Historical Commission (THC) Consultation for Historical Resources</b>		
1	ENV-CRM: Prepare Section 106 THC Consultation Letter	10 days
2	THC: Review Consultation Documentation	90 calendar days
3	ENV-CRM: Close out Section 106 THC Consultation	3 days



## NOISE

### NOI.1: Define Noise Model Study Area

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. 60% Schematic (preliminary geometric layout)</p>

WBS Sequence	Task	Est. Duration
<b>Draft Noise Model Study Area Documentation</b>		
1	Sponsor: Submit Draft Noise Model Study Area Documentation to District	--
2	DIST-ENV: Review and Comment/Forward Draft Noise Model Study Area Documentation	5 days
3	ENV-PPA: Review and Comment/ Approve on Draft Noise Model Study Area Documentation	10 days
<b>Final Noise Model Study Area Documentation</b>		
4	Sponsor: Prepare Final Noise Model Study Area Documentation and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Noise Model Study Area Documentation	5 days
6	ENV-PPA: Review and Comment/Approve Final Noise Model Study Area Documentation	10 days



## NOI.2: Noise Analysis Technical Report

At a minimum, include the following as attachments:

- Map(s) delineating the following:
  - Proposed Barrier Locations
  - Receiver Locations
- FHWA TNM Noise Model Files.
  - Existing and Proposed
- Traffic Data

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. 60% Schematic (preliminary geometric layout) B. Define Noise Model Study Area</p>

WBS Sequence	Task	Est. Duration
<b>Draft Noise Analysis Technical Report</b>		
1	Sponsor: Submit Draft Noise Model Study Area Documentation to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Noise Analysis Technical Report	10 days
3	ENV-PPA: Review and Comment/Approve Draft Noise Analysis Technical Report	10 days
<b>Final Noise Model Study Area Documentation</b>		
4	Sponsor: Prepare Final Noise Analysis Technical Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Noise Analysis Technical Report	5 days
6	ENV-PPA: Review and Comment/Approve Final Noise Analysis Technical Report	10 days



## SECTION 4(f) RESOURCES

### S4F.1.1: Letter of Intent to Pursue a *De Minimis*

A letter template for Official with Jurisdiction (OWJ) Notification of Intent to Pursue a De Minimis may be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/817-02-tem.docx>

At a minimum, include the following as supporting documentation:

- Brief project description
- Explanation of how the property will be used ("use" as defined by section 4(f)).
- A detailed map of the section 4(f) property including:
  - Current and proposed row
  - Property boundaries
  - Existing and planned facilities

**Predecessor(s):**

*If applicable, the following items must be completed prior to the submission of this deliverable:*

- A. Section 4(f) Use Statement
- B. Afford Opportunity for the Public to Review and Comment on the Proposed *De Minimis* Impact Determination

WBS Sequence	Task	Est. Duration
<b>Draft Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination</b>		
1	Sponsor: Submit Draft Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination to District	--
2	DIST-ENV: Review and Comment/Forward Draft Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination	10 days
3	ENV-PD: Review and Comment/Approve Draft Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination	10 days
<b>Final Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination</b>		
4	Sponsor: Prepare Final Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination	10 days
5	DIST-ENV: Review and Comment/Forward Final Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination	5 days
6	ENV-PD: Review and Comment/Approve Final Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination	10 days



**S4F.1.2: Obtain Concurrence of a *De Minimis* Impact Determination from Official with Jurisdiction (OWJ) for Section 4(f) Properties**

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p> <ul style="list-style-type: none"> <li>A. Section 4(f) Use Statement</li> <li>B. Afford Opportunity for the Public to Review and Comment on the Proposed <i>De Minimis</i> Impact Determination</li> <li>C. Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination</li> </ul>
--

WBS Sequence	Task	Est. Duration
<b>Receive OWJ Concurrence for a <i>De Minimis</i> Impact Determination</b>		
1	DIST-ENV: Send Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination to the Owner with Jurisdiction	--
2	OWJ: Review Letter of Intent to Pursue a <i>De Minimis</i> Impact Determination and Provide Comments/Concurrence of a <i>De Minimis</i> Impact Determination	30 calendar days



**S4F.1.3: Checklist for Section 4(f) De Minimis for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites**

The Checklist for Section 4(f) De Minimis for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites can be found at the following web address:

<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/817-03-chk.pdf>

At a minimum, include the following as supporting documentation:

- Brief project description
- Explanation of how the property will be used ("use" as defined by section 4(f)).
- A detailed map of the section 4(f) property including:
  - Current and proposed row
  - Property boundaries
  - Access points for pedestrians and vehicles
  - Existing and planned facilities

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<ul style="list-style-type: none"> <li>A. Section 4(f) Use Statement</li> <li>B. Afford Opportunity for the Public to Review and Comment on the Proposed <i>De Minimis</i> Impact Determination</li> <li>C. Letter of Intent to Pursue a <i>De Minimis</i></li> <li>D. Obtain Concurrence of a <i>De Minimis</i> Impact Determination from Official with Jurisdiction (OWJ) for Section 4(f) Properties</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft Checklist for Section 4(f) De Minimis for Public Parks, Recreation Lands, Wildlife &amp; Waterfowl Refuges, and Historic Sites</b>		
1	Sponsor: Submit Draft Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	5 days
2	DIST-ENV: Review and Comment/Forward Draft Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	10 days
3	ENV-PD\ENV-CRM: Review and Comment/Approve Draft Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	10 days
<b>Final Checklist for Section 4(f) De Minimis for Public Parks, Recreation Lands, Wildlife &amp; Waterfowl Refuges, and Historic Sites</b>		
4	Sponsor: Prepare Final Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	10 days



**Categorical Exclusion Work Breakdown Structures  
for Federally Funded Local Government Sponsored Projects**

<b>WBS Sequence</b>	<b>Task</b>	<b>Est. Duration</b>
5	DIST-ENV: Review and Comment/Forward Final Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	5 days
6	ENV-PD\ENV-CRM: Review and Comment/Approve Final Checklist for Section 4(f) <i>De Minimis</i> for Public Parks, Recreation Lands, Wildlife & Waterfowl Refuges, and Historic Sites to District	10 days



## WATER RESOURCES

### WAT.1: Table of Impacts for TCEQ Stream Segments

*\*Delegate will provide the appropriate format upon request.*

At a minimum, include the following as attachments:

- Map delineating TCEQ Segments within 5 miles of the project area
- Copies of the applicable pages of the TCEQ 303(d) list.

WBS Sequence	Task	Est. Duration
<b>Draft Table of Impacts for TCEQ Stream Segments</b>		
1	Sponsor: Submit Draft Table of Impacts for TCEQ Stream Segments to District	--
2	DIST-ENV: Review and Comment/Approve Draft Table of Impacts for TCEQ Stream Segments	10 days
<b>Final Table of Impacts for TCEQ Stream Segments</b>		
3	Sponsor: Prepare Final Table of Impacts for TCEQ Stream Segments and Submit to District	10 days
4	DIST-ENV: Review and Comment/Approve Final Table of Impacts for TCEQ Stream Segments	10 days

### WAT.2.1: Waters of the U.S. (WOUS) Delineation Report including Preliminary Jurisdiction Determination (PJD)

At a minimum, include the following as attachments:

- Map delineating all potentially jurisdictional WOUS within the project area.

WBS Sequence	Task	Est. Duration
<b>Draft WOUS Delineation Report including PJD</b>		
1	Sponsor: Submit Draft WOUS Delineation Report including PJD to District	--
2	DIST-ENV: Review and Comment/Approve Draft WOUS Delineation Report including PJD	10 days
<b>Final WOUS Delineation Report including PJD</b>		
3	Sponsor: Prepare Final WOUS Delineation Report including PJD and Submit to District	10 days



WBS Sequence	Task	Est. Duration
4	DIST-ENV: Review and Comment/Approve Final WOUS Delineation Report including PJD	10 days

**WAT.2.2: Conditional Assessment Report**

- Deliverable contingent on the need for compensatory mitigation.

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p> <p>A. 30% Schematic (conceptual drawing of preferred alternative) B. Waters of the U.S. (WOUS) Delineation Report including Preliminary Jurisdiction Determination (PJD)</p>
--

WBS Sequence	Task	Est. Duration
<b>Draft Conditional Assessment Report</b>		
1	Sponsor: Submit Draft Conditional Assessment Report to District	20 days
2	DIST-ENV: Review and Comment/Forward Draft Conditional Assessment Report	10 days
3	ENV-NRM: Review and Comment/Approve Draft Conditional Assessment Report	10 days
<b>Final Conditional Assessment Report</b>		
4	Sponsor: Prepare Final Conditional Assessment Report and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Conditional Assessment Report	10 days
6	ENV-NRM: Review and Comment/Approve Final Conditional Assessment Report	10 days



**WAT.2.3: Nationwide Permit Application**

- Deliverable contingent on applicable USACE Nationwide Permit conditions.
- USACE verification must be obtained prior to the Letter of Authority deadline for the desired letting date.

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<ul style="list-style-type: none"> <li>A. 30% Schematic (conceptual drawing of preferred alternative)</li> <li>B. Waters of the U.S. (WOUS) Delineation Report including Preliminary Jurisdiction Determination (PJD)</li> <li>C. Conditional Assessment Report</li> </ul>

WBS Sequence	Task	Est. Duration
<b>Draft Nationwide Permit Application</b>		
1	Sponsor: Submit Draft Nationwide Permit Application to District	10 days
2	DIST-ENV: Review and Comment/Forward Draft Nationwide Permit Application	10 days
3	ENV-NRM: Review and Comment/Approve Draft Nationwide Permit Application	10 days
<b>Final Nationwide Permit Application</b>		
4	Sponsor: Prepare Final Nationwide Permit Application and Submit to District	10 days
5	DIST-ENV: Review and Comment/Forward Final Nationwide Permit Application	10 days
6	ENV-NRM: Review and Comment/Approve Final Nationwide Permit Application	10 days
<b>USACE Coordination - Nationwide Permit Application</b>		
7	DIST-ENV: Submit Final Nationwide Permit Application to the USACE	1 day
8	USACE: Review and Comment on NWP Application	45 calendar days
9	Sponsor: Provide Response to USACE Comments on the NWP Application	10 days
10	DIST-ENV\ENV-NRM: Review and Forward Response to USACE Comments on the NWP Application	5 days
11	USACE: Draft NWP Verification Letter	10 days



WBS Sequence	Task	Est. Duration
12	DIST-ENV\ENV-NRM: Permit Finalization	5 days

**WAT.3: Table of Impacts for Potential Waters of the U.S.**

*\*Delegate will provide the appropriate format upon request.*

At a minimum, include the following as attachments:

- Map delineating all Waters of the U.S. within the project area.
- Any drawings or documentation that was used to populate the information in the table.

WBS Sequence	Task	Est. Duration
<b>Draft Table of Impacts for Potential Waters of the U.S.</b>		
1	Sponsor: Submit Draft Table of Impacts for Potential Waters of the U.S. to District	--
2	DIST-ENV: Review and Comment/Approve Draft Table of Impacts for Potential Waters of the U.S.	10 days
<b>Final Table of Impacts for Potential Waters of the U.S.</b>		
3	Sponsor: Prepare Final Table of Impacts for Potential Waters of the U.S. and Submit to District	10 days
4	DIST-ENV: Review and Comment/Approve Final Table of Impacts for Potential Waters of the U.S.	10 days



## PUBLIC INVOLVEMENT

### PI.1.1: Meeting With Affected Property Owners (MAPO) Being Conducted in Person

*Note: When multiple in person MAPOs will be conducted, the sequence outlined below should be completed for each individual meeting.*

WBS Sequence	Task	Est. Duration
<b>MAPO Process</b>		
1	Sponsor: Meet With Affected Property Owners	1 day
<b>Draft MAPO Summary</b>		
2	Sponsor: Submit Draft MAPO Summary Form to District	10 days
3	DIST-ENV: Review and Comment/Approve Draft MAPO Summary Form	10 days
<b>Final MAPO Summary</b>		
5	Sponsor: Revise Final MAPO Summary Form and Submit to District	10 days
6	DIST-ENV: Review and Comment/Approve Final MAPO Summary Form	10 days

### PI.1.2: Meeting with Affected Property Owners (MAPO) Being Conducted by Email or U.S. Mail

<b>Predecessor(s):</b> <i>If applicable, the following items must be completed prior to the submission of this deliverable:</i>	
<ul style="list-style-type: none"> <li>A. Approved Public Involvement Plan</li> <li>B. Approved Mailing List</li> <li>C. Map Identifying the Mailing Area</li> </ul>	

WBS Sequence	Task	Est. Duration
<b>MAPO Process</b>		
1	Sponsor: Send MAPO Information Packet to Affected Property Owners	1 day
2	MAPO Comment Period	15 calendar days



WBS Sequence	Task	Est. Duration
<b>Draft MAPO Summary</b>		
3	Sponsor: Submit Draft MAPO Summary Form(s) to District	10 days
4	DIST-ENV: Review and Comment/Approve Draft MAPO Summary Form	10 days
<b>Final MAPO Summary</b>		
5	Sponsor: Revise Final MAPO Summary Form(s) and Submit to District	10 days
6	DIST-ENV: Review and Comment/Approve Draft MAPO Summary Form	10 days

**PI.2: Afford Opportunity for the Public to Review and Comment on the Proposed *De Minimis* Impact Determination**

*Note: Any plan for providing a public notice and opportunity for public comment must comply with the procedural requirements of as outline in TxDOT's **Environmental Handbook for Public Involvement**.*

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p> <ul style="list-style-type: none"> <li>A. Approved Public Involvement Plan</li> <li>B. Identification of Impact to Section 4(f) Resource(s)</li> <li>C. Section 4(f) Use Statement</li> </ul>
---

WBS Sequence	Task	Est. Duration
<b>Public Review and Comment Process</b>		
1	Proposed <i>De Minimis</i> Impact Determination Advertisement and Comment Period	15 calendar days
<b>Draft Summary and Analysis Report</b>		
2	Sponsor: Submit Draft Summary and Analysis Report to District	20 days
3	DIST-ENV: Review and Comment/Approve Draft Summary and Analysis Report	10 days
<b>Final Summary and Analysis Report</b>		
4	Sponsor: Revise Final Summary and Analysis Report and Submit to District	10 days



WBS Sequence	Task	Est. Duration
5	DIST-ENV: Review and Comment/Approve Final Summary and Analysis Report	10 days

**PI.3: Public Meeting**

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>		
<p>A. Approved Public Involvement Plan B. Approved Mailing List C. Map Identifying the Mailing Area</p>		

WBS Sequence	Task	Est. Duration
<b>Public Meeting Process</b>		
1	Public Meeting Advertisement Period	15 calendar days
2	Sponsor: Conduct Public Meeting (Tuesdays or Thursdays Only)	1 day
3	Public Meeting Comment Period	15 calendar days
<b>Draft Summary and Analysis Report</b>		
4	Sponsor: Submit Draft Summary and Analysis Report to District	20 days
5	DIST-ENV: Review and Comment/Approve Draft Summary and Analysis Report	10 days
<b>Final Summary and Analysis Report</b>		
6	Sponsor: Revise Final Summary and Analysis Report and Submit to District	10 days
7	DIST-ENV: Review and Comment/Approve Final Summary and Analysis Report	10 days



## PI.4: Public Hearing

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p> <ul style="list-style-type: none"> <li>A. Draft EA – Environmental Document</li> <li>B. 100% Schematic</li> <li>C. Approved Public Involvement Plan</li> <li>D. Approved Mailing List</li> <li>E. Map Identifying the Mailing Area</li> </ul>
---

WBS Sequence	Task	Est. Duration
<b>Public Hearing Process</b>		
1	DIST-ENV: Issue Certification that the Project is Satisfactory for Further Processing.	5 days
2	Public Hearing Advertisement Period	15 calendar days <sup>2</sup>
3	Sponsor: Conduct Public Hearing (Tuesdays or Thursdays Only)	1 day
4	Public Hearing Comment Period	15 calendar days
<b>Draft Summary and Analysis Report</b>		
5	Sponsor: Submit Draft Summary and Analysis Report to District	20 days
6	DIST-ENV: Review and Comment/Approve Draft Summary and Analysis Report	10 days
<b>Final Summary and Analysis Report</b>		
7	Sponsor: Revise Final Summary and Analysis Report and Submit to District	10 days
8	DIST-ENV: Review and Comment/Approve Final Summary and Analysis Report	10 days

<sup>2</sup> A project that requires the acquisition of public land designated as a park, recreation area, wildlife refuge, historic site, or scientific area under Chapter 26 of the Texas PWC has different advertising requirements (3 PWC 26.002).



## NEPA Approval

### NEPA.1: CE Determination and Environmental Approval

<p><b>Predecessor(s):</b> If applicable, the following items must be completed prior to the submission of this deliverable:</p>
<p>A. Completion of all Technical Reports and Coordination Activities</p>

WBS Sequence	Task	Est. Duration
<b>Peer Review Process</b>		
1	DIST-ENV: Conduct Peer Review	10 days
2	Sponsor/DIST-ENV: Resolve Comments Received During the Peer Review	10 days
<b>CE Determination and NEPA Clearance</b>		
3	DIST-ENV: Issue CE Determination and NEPA Clearance	5 days
<b>Environmental Clearance/Environmentally Clear for LOA</b>		
4	ENV-PD: Issue Environmental Clearance	5 days



# ***Attachment B: Environmental Schedule***



ID	Task Name	Duration	Predecessors	Successors	Early Start	Early Finish	Scope Start	Scope Finish	Calendar											
									M	April	E	B	July	M	E	B	October	M	E	January
1	<b>Environmental Process</b>	345 days			Fri 4/6/18	Thu 8/1/19	Fri 4/6/18	Thu 8/1/19	[Timeline bar from Fri 4/6/18 to Thu 8/1/19]											
2	<b>Global Predecessors</b>	252 days			Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	Tue 3/26/19	[Timeline bar from Fri 4/6/18 to Tue 3/26/19]											
3	Identify Proposed Right of Way and Easements	0 days		73	Fri 4/6/18	Fri 4/6/18	Thu 1/10/19	Thu 1/10/19	[Timeline bar from Fri 4/6/18 to Thu 1/10/19]											
4	30% Schematic (conceptual drawing of preferred alternative)	0 days		82,89,96,109,119,129	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	[Timeline bar from Fri 4/6/18 to Fri 4/6/18]											
5	Coordination with Local Historical Commission and County Historical Commission	0 days		129,138,147,156	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	[Timeline bar from Fri 4/6/18 to Fri 4/6/18]											
6	60% Schematic (preliminary geometric layout)	0 days		138,147,156,200,209	Fri 4/6/18	Fri 4/6/18	Fri 6/15/18	Fri 6/15/18	[Timeline bar from Fri 4/6/18 to Fri 6/15/18]											
7	Approved Schematic	0 days		348	Fri 4/6/18	Fri 4/6/18	Tue 3/26/19	Tue 3/26/19	[Timeline bar from Fri 4/6/18 to Tue 3/26/19]											
8	<b>AIR QUALITY</b>	0 days		349FS+5 days	Fri 4/6/18	Fri 4/6/18	Tue 3/19/19	Tue 3/19/19	[Timeline bar from Fri 4/6/18 to Tue 3/19/19]											
36	<b>ARCHEOLOGY</b>	192 days		361,349FS+5 days	Fri 4/6/18	Mon 12/31/18	Fri 6/22/18	Tue 3/19/19	[Timeline bar from Fri 4/6/18 to Tue 3/19/19]											
37	<b>ARC.1: Archeological Background Study</b>	40 days		46,57,68	Fri 4/6/18	Thu 5/31/18	Fri 6/22/18	Thu 8/16/18	[Timeline bar from Fri 4/6/18 to Thu 8/16/18]											
38	<b>Draft Archeological Background Study</b>	15 days		42	Fri 4/6/18	Thu 4/26/18	Fri 6/22/18	Thu 7/12/18	[Timeline bar from Fri 4/6/18 to Thu 7/12/18]											
39	Sponsor/Consultant: Submit Draft Background Study	0 days		40	Fri 4/6/18	Fri 4/6/18	Fri 6/22/18	Fri 6/22/18	[Timeline bar from Fri 4/6/18 to Fri 6/22/18]											
40	DIST-ENV: Review and Comment/Forward Draft Background Study	5 days	39	41	Fri 4/6/18	Thu 4/12/18	Fri 6/22/18	Thu 6/28/18	[Timeline bar from Fri 4/6/18 to Thu 6/28/18]											
41	ENV-CRM: Review and Comment/Approve Draft Background Study	10 days	40		Fri 4/13/18	Thu 4/26/18	Fri 6/29/18	Thu 7/12/18	[Timeline bar from Fri 4/13/18 to Thu 7/12/18]											
42	<b>Final Archeological Background Study</b>	25 days	38		Fri 4/27/18	Thu 5/31/18	Fri 7/13/18	Thu 8/16/18	[Timeline bar from Fri 4/27/18 to Thu 8/16/18]											
43	Sponsor/Consultant: Revise Background Study Report and Submit to District	10 days		44	Fri 4/27/18	Thu 5/10/18	Fri 7/13/18	Thu 7/26/18	[Timeline bar from Fri 4/27/18 to Thu 7/26/18]											
44	DIST-ENV: Review and Comment/Forward Final Background Study	5 days	43	45	Fri 5/11/18	Thu 5/17/18	Fri 7/27/18	Thu 8/2/18	[Timeline bar from Fri 5/11/18 to Thu 8/2/18]											
45	ENV-CRM: Review Final Background Study (If approved, submit to THC)	10 days	44		Fri 5/18/18	Thu 5/31/18	Fri 8/3/18	Thu 8/16/18	[Timeline bar from Fri 5/18/18 to Thu 8/16/18]											
46	<b>ARC.2: Antiquities Permit</b>	50 days	37	57,68	Thu 5/31/18	Thu 8/9/18	Fri 8/17/18	Fri 10/26/18	[Timeline bar from Thu 5/31/18 to Fri 10/26/18]											
47	<b>Draft Antiquities Permit Application</b>	15 days		51,55	Thu 5/31/18	Thu 6/21/18	Fri 8/17/18	Thu 9/6/18	[Timeline bar from Thu 5/31/18 to Thu 9/6/18]											
48	Sponsor/Consultant: Submit Draft Antiquities Permit Application to District	0 days		49	Thu 5/31/18	Thu 5/31/18	Fri 8/17/18	Fri 8/17/18	[Timeline bar from Thu 5/31/18 to Fri 8/17/18]											
49	DIST-ENV: Review and Comment/Forward Draft Antiquities Permit Application	5 days	48	50	Fri 6/1/18	Thu 6/7/18	Fri 8/17/18	Thu 8/23/18	[Timeline bar from Fri 6/1/18 to Thu 8/23/18]											
50	ENV-CRM: Review and Comment/Forward Draft Antiquities Permit Application	10 days	49		Fri 6/8/18	Thu 6/21/18	Fri 8/24/18	Thu 9/6/18	[Timeline bar from Fri 6/8/18 to Thu 9/6/18]											
51	<b>Final Antiquities Permit Application</b>	25 days	47	55	Fri 6/22/18	Thu 7/26/18	Fri 9/7/18	Thu 10/11/18	[Timeline bar from Fri 6/22/18 to Thu 10/11/18]											
52	Sponsor/Consultant: Revise Antiquities Permit Application and Submit to District	10 days		53	Fri 6/22/18	Thu 7/5/18	Fri 9/7/18	Thu 9/20/18	[Timeline bar from Fri 6/22/18 to Thu 9/20/18]											
53	DIST-ENV: Review and Comment/Forward Final Antiquities Permit Application	5 days	52	54	Fri 7/6/18	Thu 7/12/18	Fri 9/21/18	Thu 9/27/18	[Timeline bar from Fri 7/6/18 to Thu 9/27/18]											
54	ENV-CRM: Review and Comment/Forward Final Antiquities Permit Application (If approved, submit to	10 days	53		Fri 7/13/18	Thu 7/26/18	Fri 9/28/18	Thu 10/11/18	[Timeline bar from Fri 7/13/18 to Thu 10/11/18]											
55	<b>Coordinate Antiquities Permit Application</b>	10 days	47,51		Thu 7/26/18	Thu 8/9/18	Fri 10/12/18	Fri 10/26/18	[Timeline bar from Thu 7/26/18 to Fri 10/26/18]											
56	THC: Review and Approve Antiquities Permit Application	14 edays			Thu 7/26/18	Thu 8/9/18	Fri 10/12/18	Fri 10/26/18	[Timeline bar from Thu 7/26/18 to Fri 10/26/18]											
57	<b>ARC.3: Archeological Survey Report</b>	70 days	46,37	68	Fri 8/10/18	Thu 11/15/18	Fri 10/26/18	Fri 2/1/19	[Timeline bar from Fri 8/10/18 to Fri 2/1/19]											
58	<b>Draft Archeological Survey Report</b>	35 days		62,66	Fri 8/10/18	Thu 9/27/18	Fri 10/26/18	Thu 12/13/18	[Timeline bar from Fri 8/10/18 to Thu 12/13/18]											
59	Sponsor/Consultant: Prepare Draft Archeological Survey Report and Submit to District	20 days		60	Fri 8/10/18	Thu 9/6/18	Fri 10/26/18	Thu 11/22/18	[Timeline bar from Fri 8/10/18 to Thu 11/22/18]											
60	DIST-ENV: Review and Comment/Forward Draft Archeological Survey Report	5 days	59	61	Fri 9/7/18	Thu 9/13/18	Fri 11/23/18	Thu 11/29/18	[Timeline bar from Fri 9/7/18 to Thu 11/29/18]											
61	ENV-CRM/ENV-PD: Review and Comment/Forward Draft Archeological Survey Report	10 days	60		Fri 9/14/18	Thu 9/27/18	Fri 11/30/18	Thu 12/13/18	[Timeline bar from Fri 9/14/18 to Thu 12/13/18]											
62	<b>Final Archeological Survey Report</b>	25 days	58	66	Fri 9/28/18	Thu 11/1/18	Fri 12/14/18	Thu 1/17/19	[Timeline bar from Fri 9/28/18 to Thu 1/17/19]											
63	Sponsor/Consultant: Revise Final Archeological Survey Report and Submit to District	10 days		64	Fri 9/28/18	Thu 10/11/18	Fri 12/14/18	Thu 12/27/18	[Timeline bar from Fri 9/28/18 to Thu 12/27/18]											
64	DIST-ENV: Review and Comment/Forward Final Archeological Survey Report	5 days	63	65	Fri 10/12/18	Thu 10/18/18	Fri 12/28/18	Thu 1/3/19	[Timeline bar from Fri 10/12/18 to Thu 1/3/19]											
65	ENV-CRM/ENV-PD: Review Final Archeological Survey Report (If approved, submit to THC)	10 days	64		Fri 10/19/18	Thu 11/1/18	Fri 1/4/19	Thu 1/17/19	[Timeline bar from Fri 10/19/18 to Thu 1/17/19]											
66	<b>Section 106 THC Consultation for Archeological Resources</b>	10 days	58,62		Thu 11/1/18	Thu 11/15/18	Fri 1/18/19	Fri 2/1/19	[Timeline bar from Thu 11/1/18 to Fri 2/1/19]											
67	THC: Review and Approve Final Archeological Survey Report	14 edays			Thu 11/1/18	Thu 11/15/18	Fri 1/18/19	Fri 2/1/19	[Timeline bar from Thu 11/1/18 to Fri 2/1/19]											
68	<b>ARC.4: Tribal Coordination</b>	32 days	37,46,57		Fri 11/16/18	Mon 12/31/18	Fri 2/1/19	Tue 3/19/19	[Timeline bar from Fri 11/16/18 to Tue 3/19/19]											
69	<b>Tribal Coordination</b>	32 days			Fri 11/16/18	Mon 12/31/18	Fri 2/1/19	Tue 3/19/19	[Timeline bar from Fri 11/16/18 to Tue 3/19/19]											
70	ENV-CRM: Initiate Tribal Coordination	1 day		71	Fri 11/16/18	Fri 11/16/18	Fri 2/1/19	Fri 2/1/19	[Timeline bar from Fri 11/16/18 to Fri 2/1/19]											
71	TRIBES: Review and Provide Comment	45 edays	70		Fri 11/16/18	Mon 12/31/18	Sat 2/2/19	Tue 3/19/19	[Timeline bar from Fri 11/16/18 to Tue 3/19/19]											
72	<b>BIOLOGY</b>	78 days		361,349FS+5 days	Fri 4/6/18	Tue 7/24/18	Thu 11/29/18	Mon 3/18/19	[Timeline bar from Fri 4/6/18 to Mon 3/18/19]											
82	<b>BIO.2: Biological Evaluation Form</b>	30 days	73,4	96	Fri 4/6/18	Thu 5/17/18	Thu 11/29/18	Wed 1/9/19	[Timeline bar from Fri 4/6/18 to Wed 1/9/19]											
83	<b>Draft Biological Evaluation Form</b>	10 days		86	Fri 4/6/18	Thu 4/19/18	Thu 11/29/18	Wed 12/12/18	[Timeline bar from Fri 4/6/18 to Wed 12/12/18]											
84	Sponsor/Consultant: Submit Draft Biological Evaluation Form to District	0 days		85	Fri 4/6/18	Fri 4/6/18	Thu 11/29/18	Thu 11/29/18	[Timeline bar from Fri 4/6/18 to Thu 11/29/18]											
85	DIST-ENV: Review and Comment/Approve Draft Biological Evaluation Form	10 days	84		Fri 4/6/18	Thu 4/19/18	Thu 11/29/18	Wed 12/12/18	[Timeline bar from Fri 4/6/18 to Wed 12/12/18]											
86	<b>Final Biological Evaluation Form</b>	20 days	83		Fri 4/20/18	Thu 5/17/18	Thu 12/13/18	Wed 1/9/19	[Timeline bar from Fri 4/20/18 to Wed 1/9/19]											
87	Sponsor/Consultant: Prepare Final Biological Evaluation Form and Submit to District	10 days		88	Fri 4/20/18	Thu 5/3/18	Thu 12/13/18	Wed 12/26/18	[Timeline bar from Fri 4/20/18 to Wed 12/26/18]											
88	DIST-ENV: Review and Comment/Approve Final Biological Evaluation Form	10 days	87		Fri 5/4/18	Thu 5/17/18	Thu 12/27/18	Wed 1/9/19	[Timeline bar from Fri 5/4/18 to Wed 1/9/19]											
89	<b>BIO.3: Tier I Site Assessment Form</b>	30 days	73,4	96	Fri 4/6/18	Thu 5/17/18	Thu 11/29/18	Wed 1/9/19	[Timeline bar from Fri 4/6/18 to Wed 1/9/19]											
90	<b>Draft Tier I Site Assessment Form</b>	10 days		93	Fri 4/6/18	Thu 4/19/18	Thu 11/29/18	Wed 12/12/18	[Timeline bar from Fri 4/6/18 to Wed 12/12/18]											



ID	Task Name	Duration	Predecessors	Successors	Early Start	Early Finish	Scope Start	Scope Finish	M	April	July	October	January	April	July
										E	B	M	E	B	M
91	Sponsor/Consultant: Submit Draft Tier I Site Assessment Form to District	0 days		92	Fri 4/6/18	Fri 4/6/18	Thu 11/29/18	Thu 11/29/18							
92	DIST-ENV: Review and Comment/Approve Draft Tier I Site Assessment Form	10 days	91		Fri 4/6/18	Thu 4/19/18	Thu 11/29/18	Wed 12/12/18							
93	<b>Final Tier I Site Assessment Form</b>	20 days	90		Fri 4/20/18	Thu 5/17/18	Thu 12/13/18	Wed 1/9/19							
94	Sponsor/Consultant: Prepare Final Tier I Site Assessment Form and Submit to District	10 days		95	Fri 4/20/18	Thu 5/3/18	Thu 12/13/18	Wed 12/26/18							
95	DIST-ENV: Review and Comment/Approve Draft Tier I Site Assessment Form	10 days	94		Fri 5/4/18	Thu 5/17/18	Thu 12/27/18	Wed 1/9/19							
96	<b>BIO.4: Texas Parks and Wildlife (TPWD) – Early Coordination</b>	48 days	73,82,89,4		Fri 5/18/18	Tue 7/24/18	Thu 1/10/19	Mon 3/18/19							
97	<b>Early Coordination with TPWD</b>	48 days			Fri 5/18/18	Tue 7/24/18	Thu 1/10/19	Mon 3/18/19							
98	DIST-ENV: Initiate Early Coordination with TPWD	1 day		99	Fri 5/18/18	Fri 5/18/18	Thu 1/10/19	Thu 1/10/19							
99	TPWD: Review and Comment on Coordination Documentation	60 edays	98	100	Fri 5/18/18	Tue 7/17/18	Fri 1/11/19	Tue 3/12/19							
100	Sponsor/Consultant: Provide Responses to TPWD Comments	5 days	99		Wed 7/18/18	Tue 7/24/18	Tue 3/12/19	Mon 3/18/19							
101	DIST-ENV: Review and Comment/Approve Responses to TPWD Comments and if approved, DIST-ENV to TPWD: Review and Comment/Approve Responses	5 days		102	Fri 5/18/18	Thu 5/24/18	Tue 2/26/19	Mon 3/4/19							
102	TPWD: Review and Comment/Approve Responses	10 days	101		Fri 5/25/18	Thu 6/7/18	Tue 3/5/19	Mon 3/18/19							
103	<b>ENVIRONMENTAL JUSTICE &amp; COMMUNITY IMPACTS</b>	90 days		361,349FS+5 days	Fri 4/6/18	Thu 8/9/18	Tue 11/13/18	Mon 3/18/19							
104	<b>CIA.1: Define Community Impacts Study Area</b>	20 days		109	Fri 4/6/18	Thu 5/3/18	Tue 11/13/18	Mon 12/10/18							
105	<b>Define Community Impacts Study Area</b>	20 days			Fri 4/6/18	Thu 5/3/18	Tue 11/13/18	Mon 12/10/18							
106	Sponsor/Consultant: Submit a draft map showing the chosen community study area boundaries and provide a	0 days		107	Fri 4/6/18	Fri 4/6/18	Tue 11/13/18	Tue 11/13/18							
107	DIST-ENV: Review and Comment/Forward Draft Community Impacts Study Area	10 days	106	108	Fri 4/6/18	Thu 4/19/18	Tue 11/13/18	Mon 11/26/18							
108	ENV-PPA: Review and Comment/Approve Draft Community Impacts Study Area	10 days	107		Fri 4/20/18	Thu 5/3/18	Tue 11/27/18	Mon 12/10/18							
109	<b>CIA.2: Community Impact Assessment Technical Report Form</b>	70 days	104,4		Fri 5/4/18	Thu 8/9/18	Tue 12/11/18	Mon 3/18/19							
110	<b>Draft Community Impacts Assessment Technical Report Form</b>	40 days		114	Fri 5/4/18	Thu 6/28/18	Tue 12/11/18	Mon 2/4/19							
111	Sponsor/Consultant: Submit Draft Community Impacts Assessment Technical Report Form to District	20 days		112	Fri 5/4/18	Thu 5/31/18	Tue 12/11/18	Mon 1/7/19							
112	DIST-ENV: Review and Comment/Forward Draft Community Impacts Assessment Technical Report Form	10 days	111	113	Fri 6/1/18	Thu 6/14/18	Tue 1/8/19	Mon 1/21/19							
113	ENV-PPA: Review and Comment/Approve Draft Community Impacts Assessment Technical Report Form	10 days	112		Fri 6/15/18	Thu 6/28/18	Tue 1/22/19	Mon 2/4/19							
114	<b>Final Community Impacts Assessment Technical Report Form</b>	30 days	110		Fri 6/29/18	Thu 8/9/18	Tue 2/5/19	Mon 3/18/19							
115	Sponsor/Consultant: Prepare Final Community Impacts Assessment Technical Report Form and Submit to District	10 days		116	Fri 6/29/18	Thu 7/12/18	Tue 2/5/19	Mon 2/18/19							
116	DIST-ENV: Review and Comment/Forward Final Community Impacts Assessment Technical Report Form	10 days	115	117	Fri 7/13/18	Thu 7/26/18	Tue 2/19/19	Mon 3/4/19							
117	ENV-PPA: Review and Comment/Approve Final Community Impacts Assessment Technical Report Form	10 days	116		Fri 7/27/18	Thu 8/9/18	Tue 3/5/19	Mon 3/18/19							
118	<b>HAZARDOUS MATERIALS</b>	50 days		361,349FS+5 days	Fri 4/6/18	Thu 6/14/18	Tue 1/8/19	Mon 3/18/19							
119	<b>HAZ.1: Hazardous Materials Initial Site Assessment</b>	50 days	4		Fri 4/6/18	Thu 6/14/18	Tue 1/8/19	Mon 3/18/19							
120	Draft Hazardous Materials Initial Site Assessment	20 days		124	Fri 4/6/18	Thu 5/3/18	Tue 1/8/19	Mon 2/4/19							
121	Sponsor/Consultant: Submit Draft Hazardous Materials Initial Site Assessment	0 days		122	Fri 4/6/18	Fri 4/6/18	Tue 1/8/19	Tue 1/8/19							
122	DIST-ENV: Review and Comment/Forward Draft Hazardous Materials Initial Site Assessment	10 days	121	123	Fri 4/6/18	Thu 4/19/18	Tue 1/8/19	Mon 1/21/19							
123	ENV-PPA: Review and Comment/Approve Draft Hazardous Materials Initial Site Assessment	10 days	122		Fri 4/20/18	Thu 5/3/18	Tue 1/22/19	Mon 2/4/19							
124	<b>Final Hazardous Materials Initial Site Assessment</b>	30 days	120		Fri 5/4/18	Thu 6/14/18	Tue 2/5/19	Mon 3/18/19							
125	Sponsor/Consultant: Prepare Final Hazardous Materials Initial Site Assessment and Submit to District	10 days		126	Fri 5/4/18	Thu 5/17/18	Tue 2/5/19	Mon 2/18/19							
126	DIST-ENV: Review and Comment/Forward Final Hazardous Materials Initial Site Assessment	10 days	125	127	Fri 5/18/18	Thu 5/31/18	Tue 2/19/19	Mon 3/4/19							
127	ENV-PPA: Review and Comment/Approve Final Hazardous Materials Initial Site Assessment	10 days	126		Fri 6/1/18	Thu 6/14/18	Tue 3/5/19	Mon 3/18/19							
128	<b>HISTORY</b>	247 days		361,349FS+5 days	Fri 4/6/18	Mon 3/18/19	Fri 4/6/18	Mon 3/18/19							
129	<b>HIS.1: Project Coordination Request (PCR) for Historical Studies Project</b>	50 days	4,5	138,147,156	Fri 4/6/18	Thu 6/14/18	Fri 4/6/18	Thu 6/14/18							
130	<b>Draft PCR for Historical Studies Project</b>	20 days		134	Fri 4/6/18	Thu 5/3/18	Fri 4/6/18	Thu 5/3/18							
131	Sponsor/Consultant: Submit Draft PCR for Historical Studies Project to District	0 days		132	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18	Fri 4/6/18							
132	DIST-ENV: Review and Comment/Forward Draft PCR for Historical Studies Project Form	10 days	131	133	Fri 4/6/18	Thu 4/19/18	Fri 4/6/18	Thu 4/19/18							
133	ENV-CRM: Review and Comment/Approve Draft PCR for Historical Studies Project Form	10 days	132		Fri 4/20/18	Thu 5/3/18	Fri 4/20/18	Thu 5/3/18							
134	<b>Final PCR for Historical Studies Project</b>	30 days	130		Fri 5/4/18	Thu 6/14/18	Fri 5/4/18	Thu 6/14/18							
135	Sponsor/Consultant: Prepare Final PCR for Historical Studies Project Form and Submit to District	10 days		136	Fri 5/4/18	Thu 5/17/18	Fri 5/4/18	Thu 5/17/18							
136	DIST-ENV: Review and Comment/Forward Final PCR for Historical Studies Project Form	10 days	135	137	Fri 5/18/18	Thu 5/31/18	Fri 5/18/18	Thu 5/31/18							
137	ENV-CRM: Review and Comment/Approve Final Review and Comment on Final PCR for Historical Studies	10 days	136		Fri 6/1/18	Thu 6/14/18	Fri 6/1/18	Thu 6/14/18							
138	<b>HIS.2: Historic Resources Research Design Report</b>	60 days	129,4,5,6	147,156	Fri 6/15/18	Thu 9/6/18	Fri 6/15/18	Thu 9/6/18							
139	<b>Draft Historic Resources Research Design Report</b>	35 days		143	Fri 6/15/18	Thu 8/2/18	Fri 6/15/18	Thu 8/2/18							
140	Sponsor/Consultant: Submit Draft Historic Resources Research Design Report to District	20 days		141	Fri 6/15/18	Thu 7/12/18	Fri 6/15/18	Thu 7/12/18							
141	DIST-ENV: Review and Comment/Forward Draft Historic Resources Research Design Report	5 days	140	142	Fri 7/13/18	Thu 7/19/18	Fri 7/13/18	Thu 7/19/18							
142	ENV-CRM: Review and Comment/Approve Draft Historic Resources Research Design Report	10 days	141		Fri 7/20/18	Thu 8/2/18	Fri 7/20/18	Thu 8/2/18							
143	<b>Final Historic Resources Research Design Report</b>	25 days	139		Fri 8/3/18	Thu 9/6/18	Fri 8/3/18	Thu 9/6/18							
144	Sponsor/Consultant: Prepare Final Historic Resources Research Design Report and Submit to District	10 days		145	Fri 8/3/18	Thu 8/16/18	Fri 8/3/18	Thu 8/16/18							





# ***Attachment C: Scoping Documentation***



# Scope Development Tool

**Main CSJ:** 0902-90-077

**Date of Evaluation:** March 22, 2018

**Form Completed By:** Alma R Canning, Civil Associates, Inc.

**Proposed Letting Date:** March 2019

**District(s):** Fort Worth

**County(ies):** Tarrant

**Roadway Name:** CS - Dallas Road TOD Corridor/Cotton Belt Extension

**Limits From:** Intersection of W. Dallas Road and William D. Tate Avenue

**Limits To:** Existing Links Trail at Texan Trail Roadway

**Project Length (miles):** 1.5 Miles

**Existing ROW (acres):** approximately 8.8 acres

## Project Description

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

- FHWA (Not Assigned to TxDOT)
- TxDOT (Assigned by FHWA)
- State
- FTA
- Other federal agency

  No   Does the project anticipate any federal permits or limited approvals?

  Local Govern.   Who is anticipated to be the project sponsor?

  No   Is the project classified as a Seal Coat or Overlay?

  No   Are the project activities limited to the existing paved surface?

Describe the "major" construction activities:

The proposed project consists of the construction of approximately 1.5 miles of the Cotton Belt Trail consisting of a 10-foot wide trail section along the north side of Dallas Road between William D. Tate (Ball Street) and Dooley Street, a 12-foot wide trail section along the east side of Dooley Street from Dallas Road north to DART ROW, and a 12-foot wide trail section east from Dooley Street along the north side of the DART rail corridor to Texan Trail where it will connect with the Links Trail, a TxDOT on-system trail.

To construct the 10-foot wide trail section along Dallas Road, the existing 5-lane undivided, 67-foot wide pavement section will be reduced on the north side to a 4-lane divided roadway, 59-foot wide pavement section. A 6-foot wide sidewalk will also be constructed along the south side of Dallas Road between William D. Tate (Ball Street) and Dooley Street.

Provide typical sections for the existing and proposed facilities (If typical sections will be attached to the completed form, you may refer to them in lieu of typing the descriptive information):

Refer to the project description above.



     No     Would construction activities be contained within 10 feet of the existing pavement or between the flowlines of the ditches, whichever is greater?

     No     Would the project require any additional ROW and/or easements?

     No     Would the project be constructed on new location?

     No     Would the project require a detour or a road/ramp closure, temporary or permanent?

     Yes    Are permanent community impacts anticipated as a result of the proposed project?

     No     Would the project add capacity?

     No     Does the project substantially increase access or mobility in the project area?

     No     Would the project involve any toll aspects?

     Yes    Is the project required to be on a transportation plan in accordance with 43 TAC 2.42? (An example of a project that is not required to be on a transportation plan includes, but is not limited to, a private or public non-regionally significant project on or connecting to an on-system roadway.)

     Yes    Is the project consistent with the TIP, MTP, UTP, or RTP?

     No     Does the project area contain any water body, wetland or base floodplain?

     Yes    Do any parks, recreation areas, historic properties and/or wildlife or waterfowl refuges occur within or adjacent to the project area?

Identify and describe the location of the above resources:

The proposed project is located in Cotton Belt Railroad Historic District in the City of Grapevine.

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

### Environmental Classification

(d)-list CE    What is the **anticipated** environmental classification for the project?

Under what criterion does the project qualify for this classification?

d(13) - Actions described in 23 CFR 771.117(c)(26), (27), or (28) that do not meet the constraints in 23 CFR 771.117 (e).

**Include the following items on the project scope:**  
At a minimum, the following items will be required: CE Determination and a Scope Review.

### Additional CSJs

     No     Are there any associated CSJs with the "Main" CSJ?

### Air Quality



No Is the project located in an area that is in attainment or unclassifiable for ALL NAAQS?

*Select all applicable NAAQS for the project area.*

- Particulate Matter       Nitrogen Dioxide       Sulfur Dioxide
- Lead                       Ozone                       Carbon Monoxide

Yes Is the project exempt under 40 CFR 93.126 or 40 CFR 93.128?

*Select the applicable exemption.*

- 40 CFR 93.126 (includes Grouped CSJs)
- 40 CFR 93.128 (traffic signal synchronization projects)

**Applicable project findings:**

In accordance with federal guidelines in 40 CFR 93.126, the proposed project is exempt from a conformity determination.

The project is not located within a CO or PM nonattainment or maintenance area. Therefore, a project level hot-spot analysis is not required.

The proposed action would not add capacity to an existing facility. Current and future emissions should continue to follow existing trends not being affected by this project. Due to the nature of this project, further carbon monoxide analysis is not required.

This project has been determined to generate minimal air quality impacts for CAAA criteria pollutants and has not been linked with any special MSAT concerns. This project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause an increase in MSAT impacts of the project.

This project is not adding SOV capacity and is therefore exempt from a Congestion Management Process analysis.

During the construction phase of this project, temporary increases in PM and MSAT emissions may occur from construction activities. The primary construction-related emissions of PM are fugitive dust from site preparation, and the primary construction-related emissions of MSAT are diesel particulate matter from diesel powered construction equipment and vehicles.

The potential impacts of PM emissions will be minimized by using fugitive dust control measures contained in standard specifications, as appropriate. Considering the temporary and transient nature of construction-related emissions, as well as the mitigation actions to be utilized including compliance with applicable regulatory requirements, it is not anticipated that emissions from construction of this project will have a significant impact on air quality in the area.

## Cultural Resources

### Cemeteries

No Are cemeteries present within or adjacent to the project?

**Applicable project findings:**

No further scoping and studies are required to specifically evaluate potential project impacts to cemeteries. If other required studies subsequently identify unknown or abandoned cemeteries within or adjacent to the project ROW or easements, additional investigations and coordination regarding potential effects to the cemeteries would be initiated at that time.



### Archeological Resources

No Are all project activities listed on the "[List of Projects that Do Not Require Review or Coordination for Archeological Compliance](#)", found on the TxDOT Environmental Compliance Toolkits website?

**Include the following items on the project scope:**

Local government project sponsor must undertake further scoping and studies. TxDOT performs required coordination with the THC/TSHPO, tribes, and others.

### Historical Resources

No Are the project activities limited to those in Appendix 3 as [undertakings with no potential to affect non-archeological historic properties](#)?

**Include the following items on the project scope:**

Local government project sponsor must undertake further scoping and studies. TxDOT performs required coordination with the THC/TSHPO, tribes, and others.

## Community Impacts

### Displacements

No Will the project result in any displacements?

### Access and Travel Patterns

No Will the project create a new bypass or reliever route?

Yes Will the project permanently change the way people currently get to community facilities, businesses or homes?

### Community Cohesion

Choose the project description below that best fits the project to determine the appropriate level of community cohesion analysis.

- New location facility; new grade separation.
- Widening an existing facility by the width of one through traffic lane or more; Upgrade non-freeway facility to freeway or toll; Add new raised medians or median barriers.
- Other project type.

**Include the following items on the project scope:**

- Complete a community impacts analysis.
- Complete a medium risk access and travel patterns analysis.
- Complete a medium level community cohesion analysis.



## Water Resources

### Trinity River Corridor Development Certificate (CDC)

No Does the project involve a development activity within the [Trinity River Corridor Development Regulatory Zone](#)?

### 33 USC 408

No Are there any sea walls, bulkheads, reservoirs, levees, wharfs, or other federal civil works projects, or associated federal land (fee simple) or easements within the project area?

### Section 303(d) of the Clean Water Act

Yes Is the project within five linear miles of an impaired assessment unit, and within the watershed of, and draining to that [impaired assessment unit](#)?

### Navigable Waters

No Will the project involve the construction or modification (including changes to lighting) of a bridge or causeway across a water body determined to be navigable by the USCG under Section 9 of the Rivers and Harbors Act?

### Construction General Permit

How many acres of earth would the project disturb?

5 or more acres

### Municipal Separate Storm Sewer (MS4)

Yes Will work occur within the boundaries of a regulated MS4?

Yes Would the project discharge into a non-TxDOT operated MS4?

#### Include the following items on the project scope:

Analyze and document whether the proposed actions could contribute a constituent of concern to the impaired water(s), and if so, measures to prevent such contribution.

Develop EPICs to comply with the construction general permit; to develop an SW3P; to post a construction site notice; and to file a notice of intent with TCEQ.

Develop an EPIC to notify the non-TxDOT MS4 operator who would directly receive storm water discharge from the proposed actions.

### Applicable project findings:

The proposed project is not located in a county regulated by the Edwards Aquifer Rules.

This project is not located within the Texas Coastal Management Plan boundary. Therefore a consistency determination is not required.



This project is not located in a county that contains resources regulated under the Wild and Scenic Rivers Act.

The proposed project is not located in a county that contains resources regulated by the IBWC. Therefore, coordination with the IBWC is not required.

This project is not a development activity within the Trinity River Corridor Development Regulatory zone. Therefore, coordination with the Trinity River CDC is not required.

This project would not result in the placement of temporary or permanent dredge or fill material into potentially jurisdictional Waters of the U.S., including wetlands or other special aquatic sites. Therefore a Section 404 permit is not required.

The project would not involve alterations to, or temporary or permanently occupy or use, any USACE federally authorized civil works project pursuant to 33 USC 408.

Executive Order 11990 on wetlands does not apply because no wetlands will be impacted.

This project would not require a USACE Section 404 Permit. Therefore Section 401 Certification would not be required.

This project does not involve the construction or modification (including changes to lighting) of a bridge or causeway across a navigable water of the U.S. Therefore Section 9 of the Rivers and Harbors Act does not apply.

This project does not involve work in or over a navigable water of the U.S. Therefore Section 10 of the Rivers and Harbors Act does not apply.

The project activities would not affect a base floodplain.

## Biological Resources

### Required Activities:

Complete a Biological Evaluation Form. Amend the project scope as necessary to include required coordination.

## Hazardous Materials

No Does the project meet **ALL** of the following conditions?

- Work **WILL** occur entirely within the existing ROW;
- Work **WILL NOT** include demolition or renovation of a bridge as defined by TxDOT Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges.
- Work **WILL NOT** include substantial excavation operations.  
(*Substantial excavation includes, but is not necessarily limited to:*
  - Underpass construction;
  - Storm sewer installations;
  - Trenching or tunneling that would require temporary or permanent shoring.)

### Include the following items on the project scope:

Complete a Hazmat Initial Site Assessment.



## Traffic Noise

  No   Does the project involve modification or construction of facilities intended for auto traffic?

### Applicable project findings:

FHWA noise guidelines only apply to activities that involve modification or construction of facilities intended for auto traffic. No noise analysis is required.

## Section 4(f) Resources

  No   Do the project activities have the potential to result in a permanent or temporary use of any potential Section 4 (f) property?

### Applicable project findings:

No Section 4(f) resources will be impacted by the project.

## Section 6 (f) Resources

  No   Does the project propose to use land from a Section 6(f) property?

### Applicable project findings:

No Section 6(f) properties will be impacted by the project.

## Parks and Wildlife Code, Chapter 26

  No   Do the project activities have the potential to result in a permanent acquisition (e.g. new ROW or permanent easement) or cause the property to no longer function for its intended purpose from any property protected by Parks and Wildlife code, Chapter 26?

### Applicable project findings:

No Parks and Wildlife Code, Chapter 26 properties will be impacted by the project.

## Natural Resources Code, Chapter 183

### Applicable project findings:

No Natural Resources Code, Chapter 183 properties will be impacted by the project.

## Indirect Impacts Analysis



**Applicable project findings:**

No indirect impacts analysis is required.

**Cumulative Impacts**

**Applicable project findings:**

Listed CE projects would not normally require a cumulative impacts analysis unless it is found that there would be substantial direct or indirect impacts to a resource OR if there will be any impact on a resource in poor or declining health.

**Public Involvement**

  No   Is the project considered to be a "high-profile" project?

  No   Does the project have substantial public interest or controversy?

  Yes   Does the project substantially change the layout or function of connecting roadways or of the facility being improved?

**Include the following items on the project scope:**

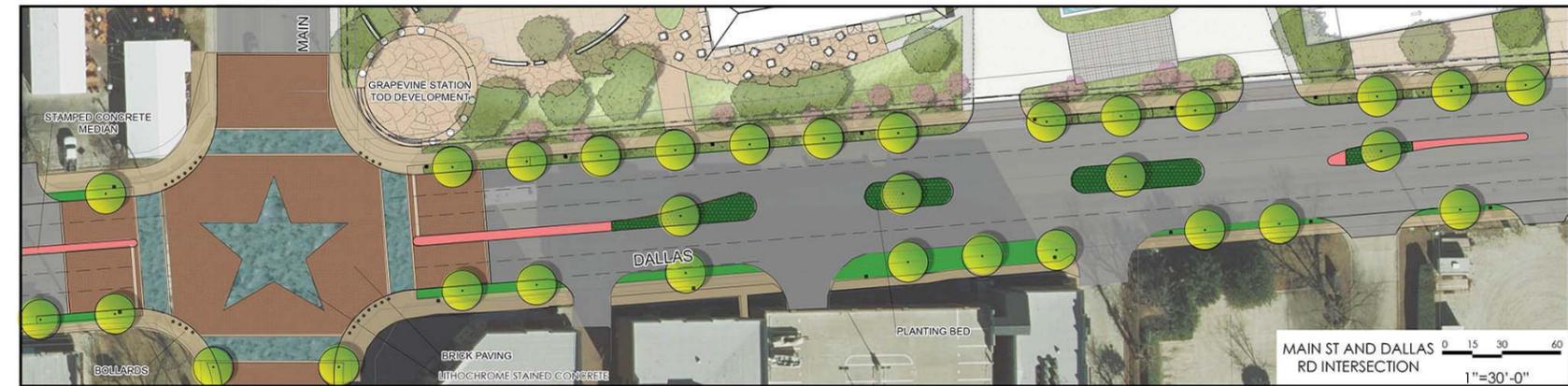
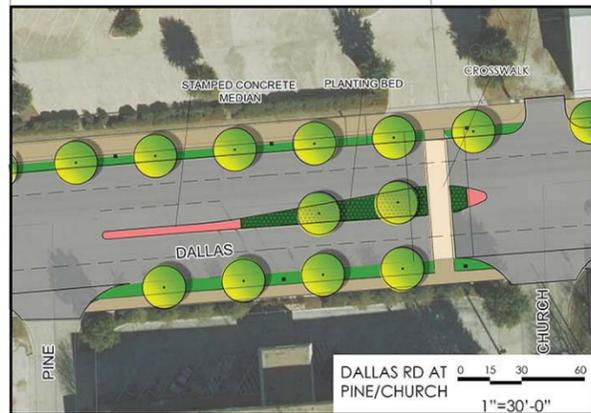
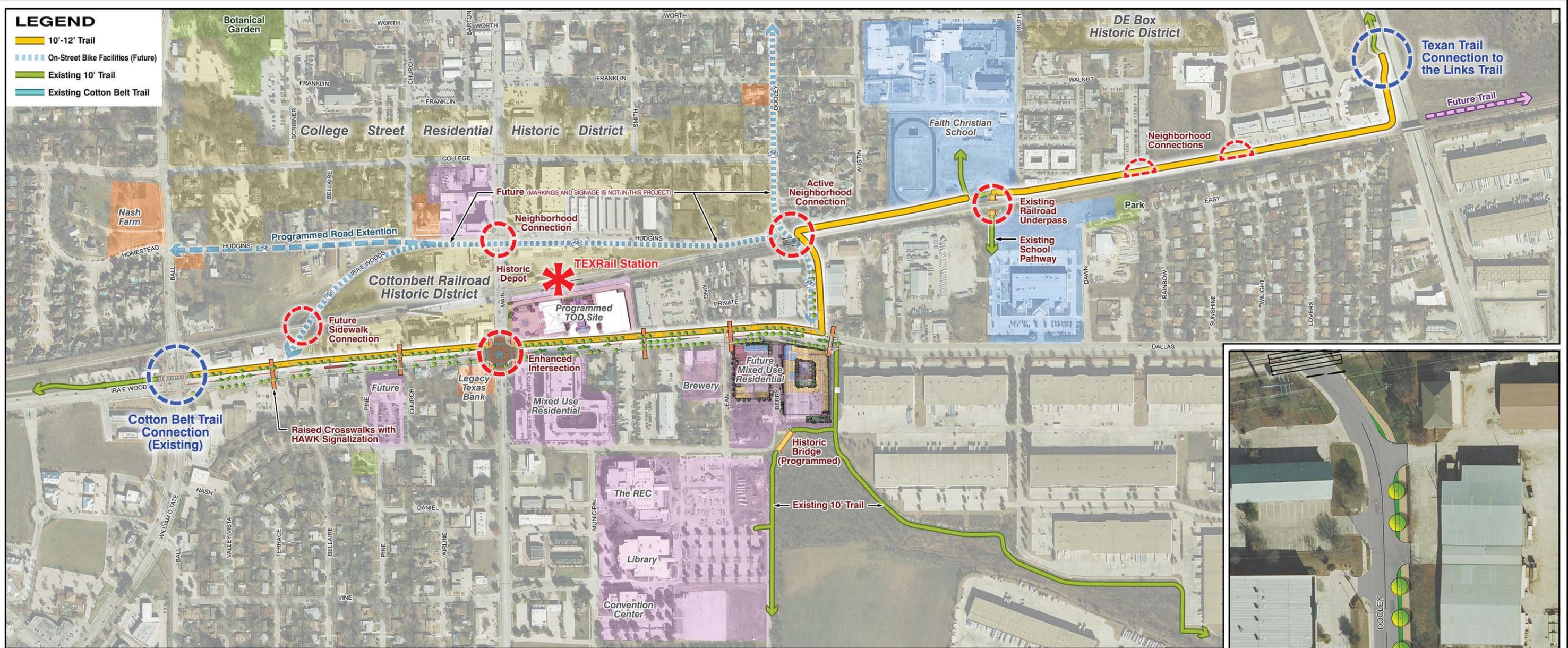
A public hearing or opportunity for public hearing must be afforded to the public.

**\*Additional public involvement should be planned as deemed appropriate for the project.**

**MOU with the Texas Commission on Environmental Quality**

**Applicable project findings:**

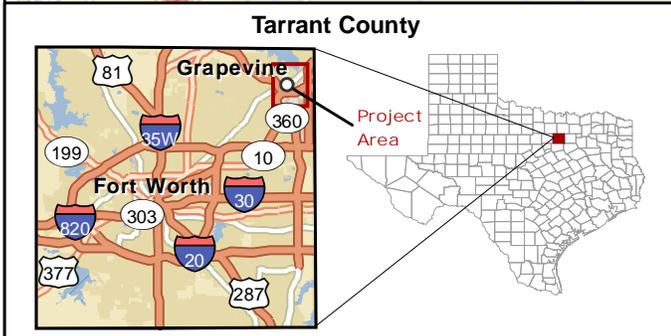
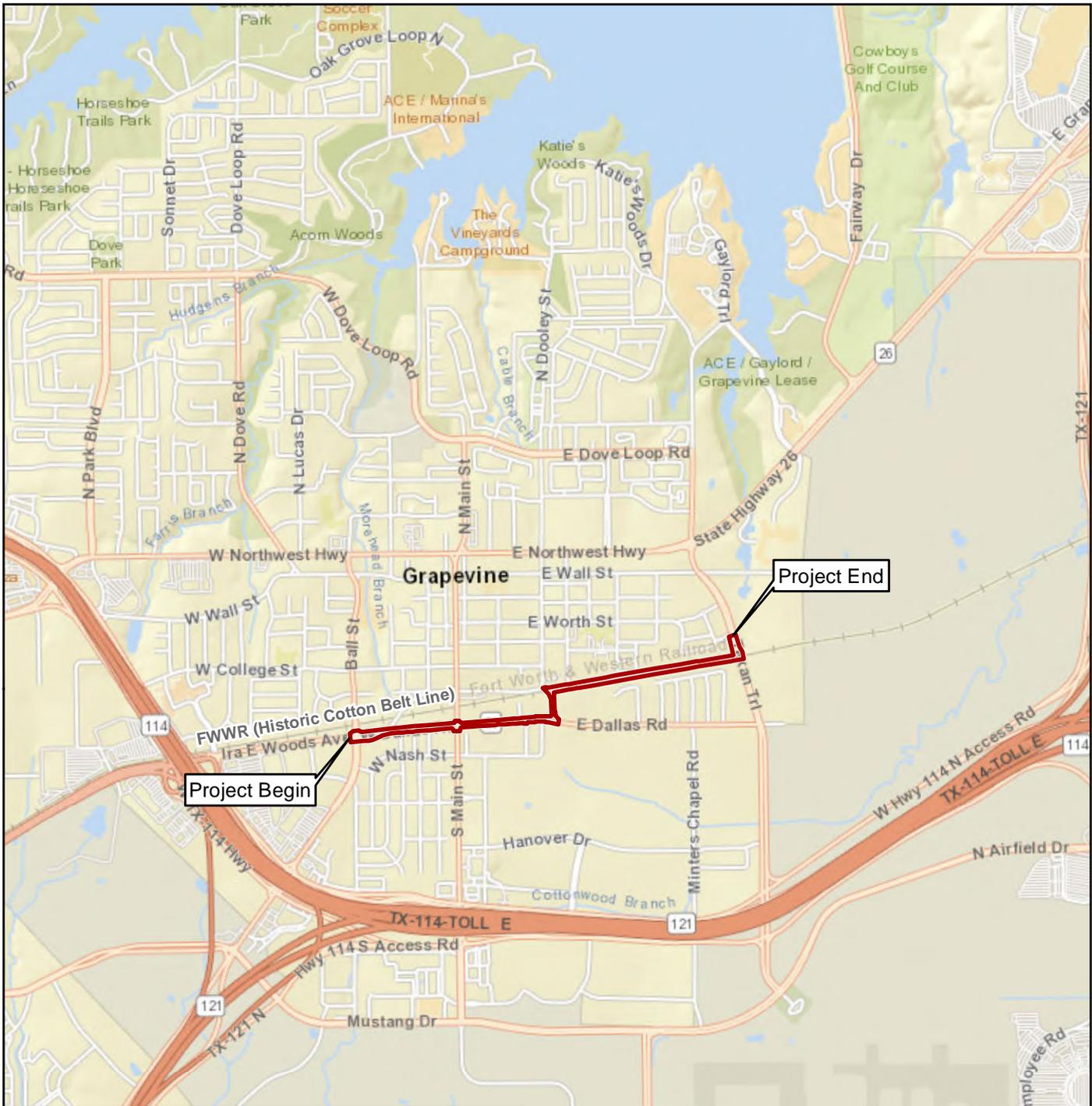
Coordination with TCEQ under the MOU is not required.



## DALLAS RD AND COTTON BELT TRAIL CONCEPT PLAN GRAPEVINE, TX

FEBRUARY 24, 2017

Architexas HUITT-ZOLIARS HALFF



**Project Location**

(Road Base)

**Cotton Belt Trails**

 Project Location



0 0.5 Miles  
0 0.75 Kilometers

Prepared for: TxDOT  
Scale: 1:31,680  
Date: 3/29/2018

Basemap Source: ESRI (2018)

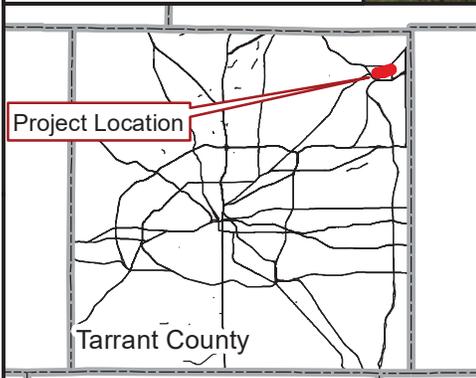
CSJ: 0902-90-077

# Legend

— Project Limits



Base Map Source: TNRIS (2016)



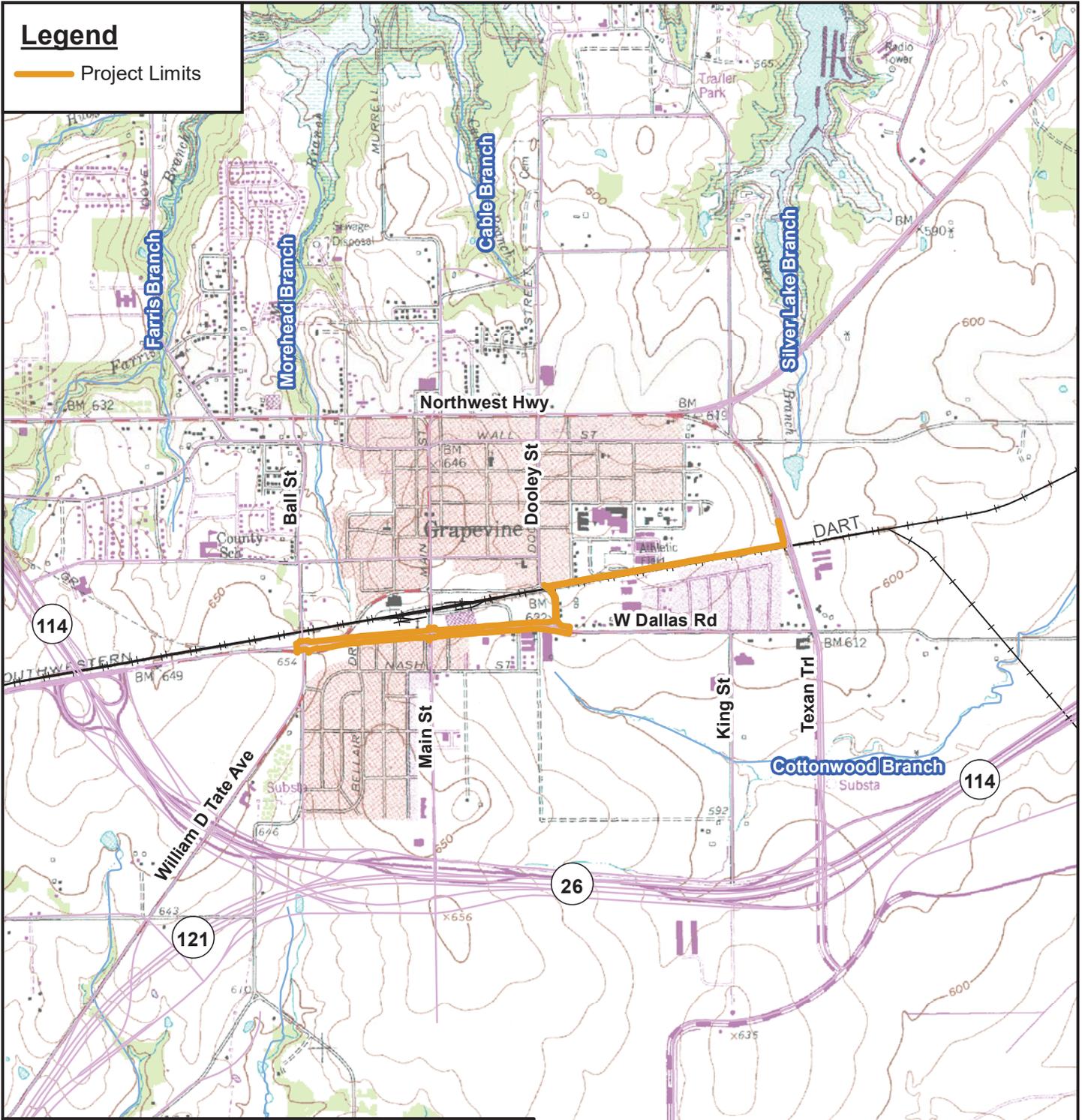
## AERIAL PROJECT LOCATION MAP DALLAS ROAD TOD CORRIDOR/ COTTON BELT EXTENSION

Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, TX

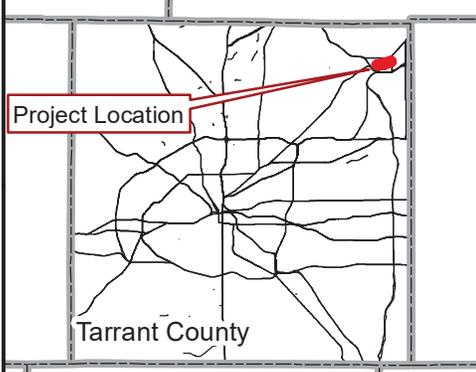
CSJ: 0902-90-077

# Legend

— Project Limits



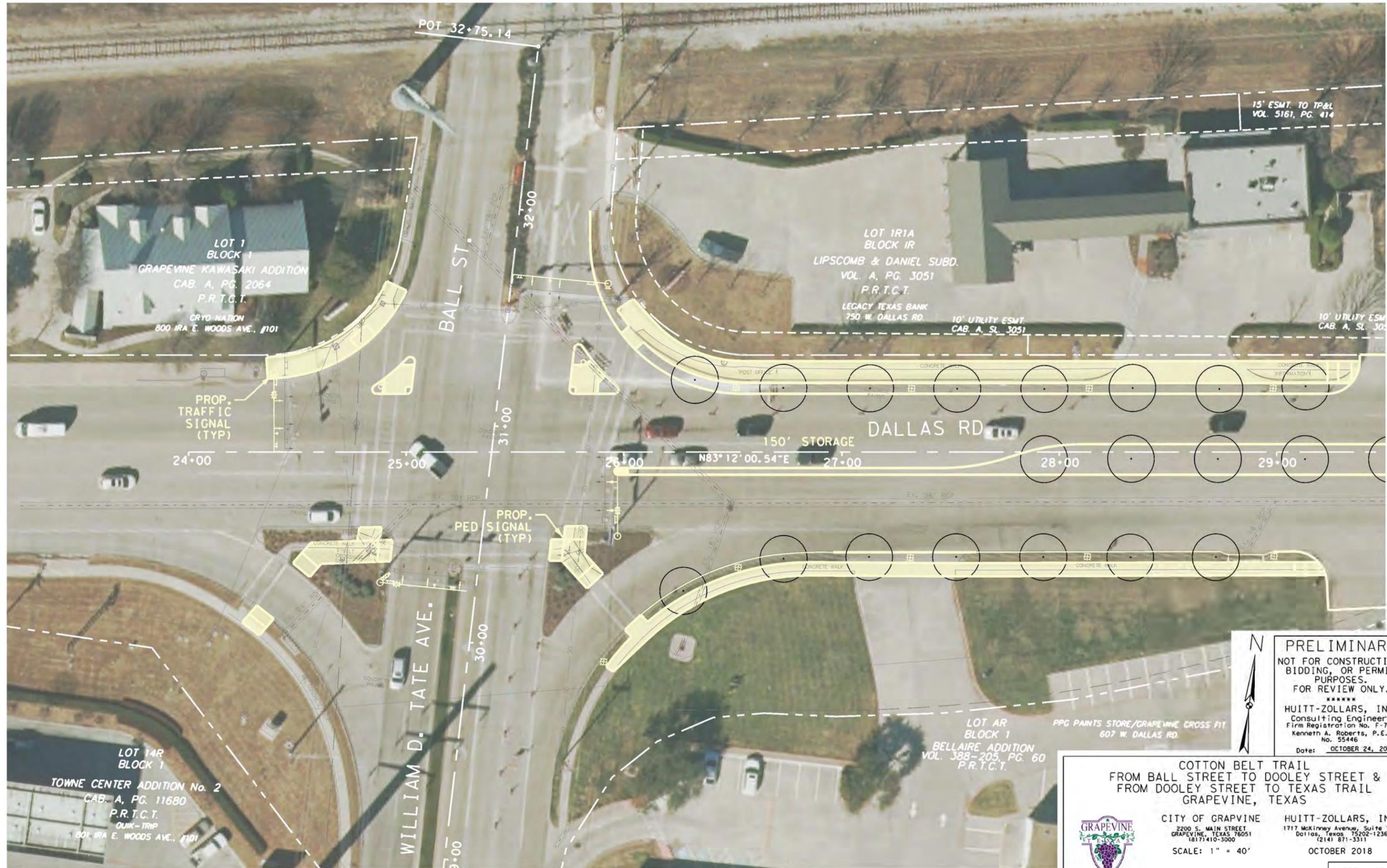
Base Map Source: Grapevine 7.5 Minute Topographic Map, 1981 (TNRIS)



## USGS TOPOGRAPHIC MAP DALLAS ROAD TOD CORRIDOR/ COTTON BELT EXTENSION

Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, TX

CSJ: 0902-90-077



15' ESMT. TO TP&L  
VOL. 5161, PG. 414

LOT 1  
BLOCK 1  
GRAPEVINE KAWASAKI ADDITION  
CAB. A, PG. 2064  
P.R.T.C.T.  
CRYO-NATION  
800 IRA E. WOODS AVE., #101

LOT 1R1A  
BLOCK 1R  
LIPSCOMB & DANIEL SUBD.  
VOL. A, PG. 3051  
P.R.T.C.T.  
LEGACY TEXAS BANK  
750 W. DALLAS RD.

10' UTILITY ESMT.  
CAB. A, SL. 3051

10' UTILITY ESMT.  
CAB. A, SL. 3051

PROP.  
TRAFFIC  
SIGNAL  
(TYP)

PROP.  
PED  
SIGNAL  
(TYP)

150' STORAGE

DALLAS RD

24+00

25+00

31+00

26+00

27+00

28+00

29+00

LOT 14R  
BLOCK 1  
TOWNE CENTER ADDITION No. 2  
CAB. A, PG. 11680  
P.R.T.C.T.  
QUICK-TRIP  
801 IRA E. WOODS AVE., #101

LOT 14R  
BLOCK 1  
BELLAIRE ADDITION  
VOL. 388-205, PG. 60  
P.R.T.C.T.

PPG PAINTS STORE/GRAPEVINE CROSS FIT  
607 W. DALLAS RD.

**PRELIMINARY**  
NOT FOR CONSTRUCTION,  
BIDDING, OR PERMIT  
PURPOSES.  
FOR REVIEW ONLY.  
\*\*\*\*\*  
HUITT-ZOLLARS, INC.  
Consulting Engineers  
Firm Registration No. F-761  
Kenneth A. Roberts, P.E.  
No. 55446  
Date: OCTOBER 24, 2018

COTTON BELT TRAIL  
FROM BALL STREET TO DOOLEY STREET &  
FROM DOOLEY STREET TO TEXAS TRAIL  
GRAPEVINE, TEXAS



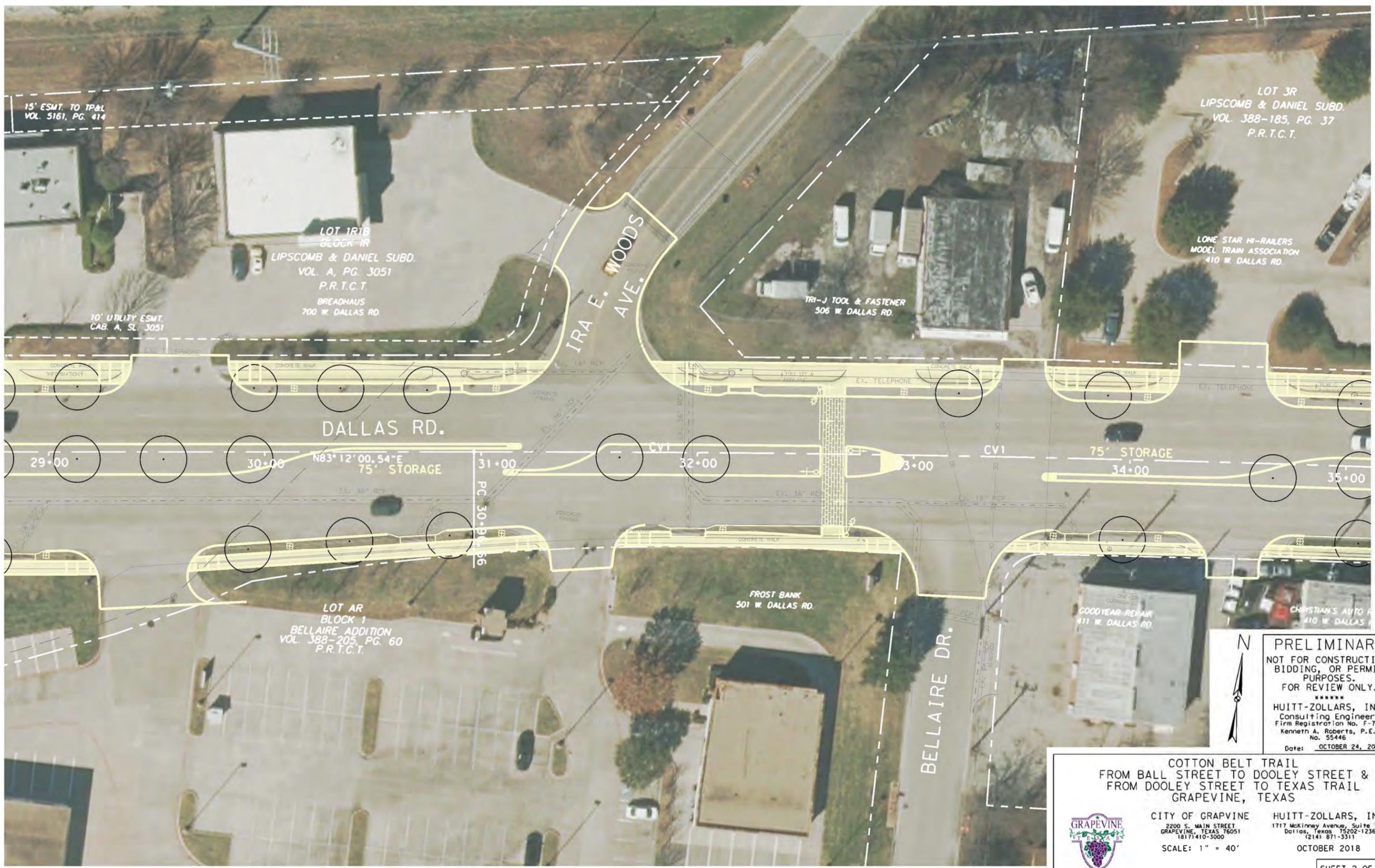
CITY OF GRAPVINE  
2200 S. MAIN STREET  
GRAPEVINE, TEXAS 76051  
1817/410-3000

HUITT-ZOLLARS, INC.  
1717 McKinney Avenue, Suite 1400  
Dallas, Texas 75202-1236  
(214) 871-3311

SCALE: 1" = 40'

OCTOBER 2018

SHEET 1 OF 16



15' ESMT. TO TP&L  
VOL. 5161, PG. 414

LOT 1R1B  
BLOCK 1R  
LIPSCOMB & DANIEL SUBD.  
VOL. A, PG. 3051  
P.R.T.C.T.  
BREADHAUS  
700 W. DALLAS RD.

10' UTILITY ESMT.  
CAB. A, SL. 3051

LOT 3R  
LIPSCOMB & DANIEL SUBD.  
VOL. 388-185, PG. 37  
P.R.T.C.T.

LONE STAR HI-RAILERS  
MODEL TRAIN ASSOCIATION  
410 W. DALLAS RD.

TRI-J TOOL & FASTENER  
506 W. DALLAS RD.

DALLAS RD.

IRA E. WOODS  
AVE.

FROST BANK  
501 W. DALLAS RD.

BELLAIRE DR.

LOT AR  
BLOCK 1  
BELLAIRE ADDITION  
VOL. 388-205, PG. 60  
P.R.T.C.T.

GOODYEAR-REPAIR  
411 W. DALLAS RD.

CHRISTIAN'S AUTO  
410 W. DALLAS RD.

29+00 30+00 31+00 32+00 33+00 34+00 35+00

N83°12'00.54"E  
75' STORAGE

75' STORAGE  
34+00

EX. TELEPHONE

CV1

CV1



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\*\*\*\*\*  
HUITT-ZOLLARS, INC.  
Consulting Engineers  
Firm Registration No. F-761  
Kenneth A. Roberts, P.E.  
No. 55446  
Date: OCTOBER 24, 2018

COTTON BELT TRAIL  
FROM BALL STREET TO DOOLEY STREET &  
FROM DOOLEY STREET TO TEXAS TRAIL  
GRAPEVINE, TEXAS



CITY OF GRAPVINE  
2200 S. MAIN STREET  
GRAPEVINE, TEXAS 76051  
1817)410-3000

HUITT-ZOLLARS, INC.  
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(214) 871-3311

SCALE: 1" = 40'

OCTOBER 2018

3R  
ANIEL SUBD.  
5, PG. 37  
C.T.

BLOCK 4  
LIPSCOMB & DAN  
VOL. 388-D, P  
P.R.T.C.T.

CITY OF GRAPEVINE  
PO BOX 95104  
GRAPEVINE, TX. 76099-9704

CITY OF GRAPEVINE  
PO BOX 95104  
GRAPEVINE, TX. 76099-9704  
208 W. DALLAS RD.

JOHN HOROBEC  
626 S. CHURCH ST.  
GRAPEVINE, TX. 76051-5243  
GRAPEVINE POOL AND SPA  
204 W. DALLAS RD.

C & V BUREAU  
1 LIBERTY PARK P  
GRAPEVINE, TX. 76051  
CITY OF GRAPEVIN  
118 W. DALLAS RD.

DALLAS RD

35+00

36+00

37+00 75' STORAGE

38+00

39+00

40+00

41+00

PT 35+11.73

N85°28'49.54"E

N85°28'49.54"E

CHRISTIAN'S AUTO REPAIR  
410 W. DALLAS RD.

GRAPEVINE POLICE DEPT.  
307 W. DALLAS RD.

LIBERTY BAIL BONDS  
213 W. DALLAS RD.  
JERRY D. SMITH  
1514 TERRACE DR.  
GRAPEVINE, TX. 76051-4065

205 W. DALLAS RD.  
JERRY D. SMITH &  
LIZABETH SMITH  
1231 BRIAN CT.  
GRAPEVINE, TX. 76051-3345



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Consulting Engineer's  
Firm Registration No. F-761  
Kenneth A. Roberts, P.E.  
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COTTON BELT TRAIL  
FROM BALL STREET TO DOOLEY STREET &  
FROM DOOLEY STREET TO TEXAS TRAIL  
GRAPEVINE, TEXAS



CITY OF GRAPVINE  
2200 S. MAIN STREET  
GRAPEVINE, TEXAS 76051  
181714100-3000

HUITT-ZOLLARS, INC.  
1717 McKinney Avenue, Suite 1400  
Dallas, Texas 75202-1236  
(214) 871-3311

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OCTOBER 2018



BLOCK 4  
LIPSCOMB & DANIEL SUBD.  
VOL. 388-D, PG. 333  
P.R.T.C.T.

LOT 4D  
LIPSCOMB & DANIEL SUBD.  
CAB. A, SL. 4794  
P.R.T.C.T.

C & V BUREAU  
1 LIBERTY PARK PLZ  
GRAPEVINE, TX. 76051-5374  
CITY OF GRAPEVINE  
118 W. DALLAS RD.

1206 BELLAIRE DR.  
GRAPEVINE, TX. 76051  
KIM LATHAM MORRIS  
CHILL SPORTS BAR AND GRILL  
814 W. DALLAS RD.

TEXAS STAR DINNER THEATER  
816 W. DALLAS RD.

BUILDING  
ONE-STORY  
CORRUGATED TIN

GRAPEVINE MAIN  
UNDER CONSTRUCTION

PEDESTRIAN & UTILITY EASEMENT  
INST. # D217297941

54°E  
41+00 150' STORAGE 42+00

43+00 10+00

44+00 150' STORAGE N85° 28' 49.54"E 45+00 46+00

10' UTILITY ESMT.  
CAB. A, SL. 10059

125' ACCESS ESMT.  
CAB. A, SL. 10059

LEGACYTEXAS BANK  
900 S. MAIN ST.  
LOT 2  
BLOCK 1  
OLD MAIN PLACE ADDITION  
CAB. A, SL. 10059  
P.R.T.C.T.

10' UTILITY  
ESMT. CENTERED  
ON EXISTING  
ELECTRIC LINE

10' UTILITY ESMT.  
CAB. A, SL. 3886

909 S. MAIN ST.

LOT 1  
BLOCK 1  
HASTEN ADDITION  
CAB. A, SL. 12126  
P.R.T.C.T.



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FROM DOOLEY STREET TO TEXAS TRAIL  
GRAPEVINE, TEXAS



CITY OF GRAPVINE  
2200 S. MAIN STREET  
GRAPEVINE, TEXAS 76051  
1817)410-3000

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(214) 871-3311

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OCTOBER 2018

GRAPEVINE MAIN  
INST. # D217297841  
P.R.T.C.T.  
PROPOSED GRAPEVINE MAIN  
DEVELOPMENT  
LOT 1  
BLOCK 1

COMMON ACCESS  
DRAINAGE & PEDESTRIAN ESMT.  
INST. # D217297941

GRAPEVINE MAIN  
UNDER CONSTRUCTION

UTILITY EASEMENT  
INST. # D217297941

20' PEDESTRIAN, DRAINAGE &  
UTILITY EASEMENT  
INST. # D217297941

DALLAS RD.

46+00

47+00

48+00  
75' STORAGE

N85° 28' 49.54"

49+00

58' STORAGE

50+00

51+00

52+00

10' SIDEWALK  
MAINTENANCE &  
DRAINAGE ESMT.  
CAB. A. SL. 12126

RESORT AT 925 MAIN  
925 S. MAIN ST.

ADVANCED BODYWORK & MASSAGE  
218 S. MAIN ST.  
LOT 1  
BLOCK 1  
SHIA BUSINESS PARK ADDITION  
CAB. A. SL. 1813  
P.R.T.C.T.

JOHNSON EXCAVATION CO.  
234 E. DALLAS RD.  
CLIFTON WAYNE JOHNSON, JR.  
903 OAK CLIFF DR.  
GRAPEVINE, TX. 76051-5044  
EDNA RABE JOHNSON  
VOL. 9322, PG. 106  
D.R.T.C.T.

305 E. DALLAS RD.  
D. L. ROGERS CORP.  
1225 S. MAIN  
ST. STE. 300  
GRAPEVINE, TX. 76051

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 (817) 410-3000

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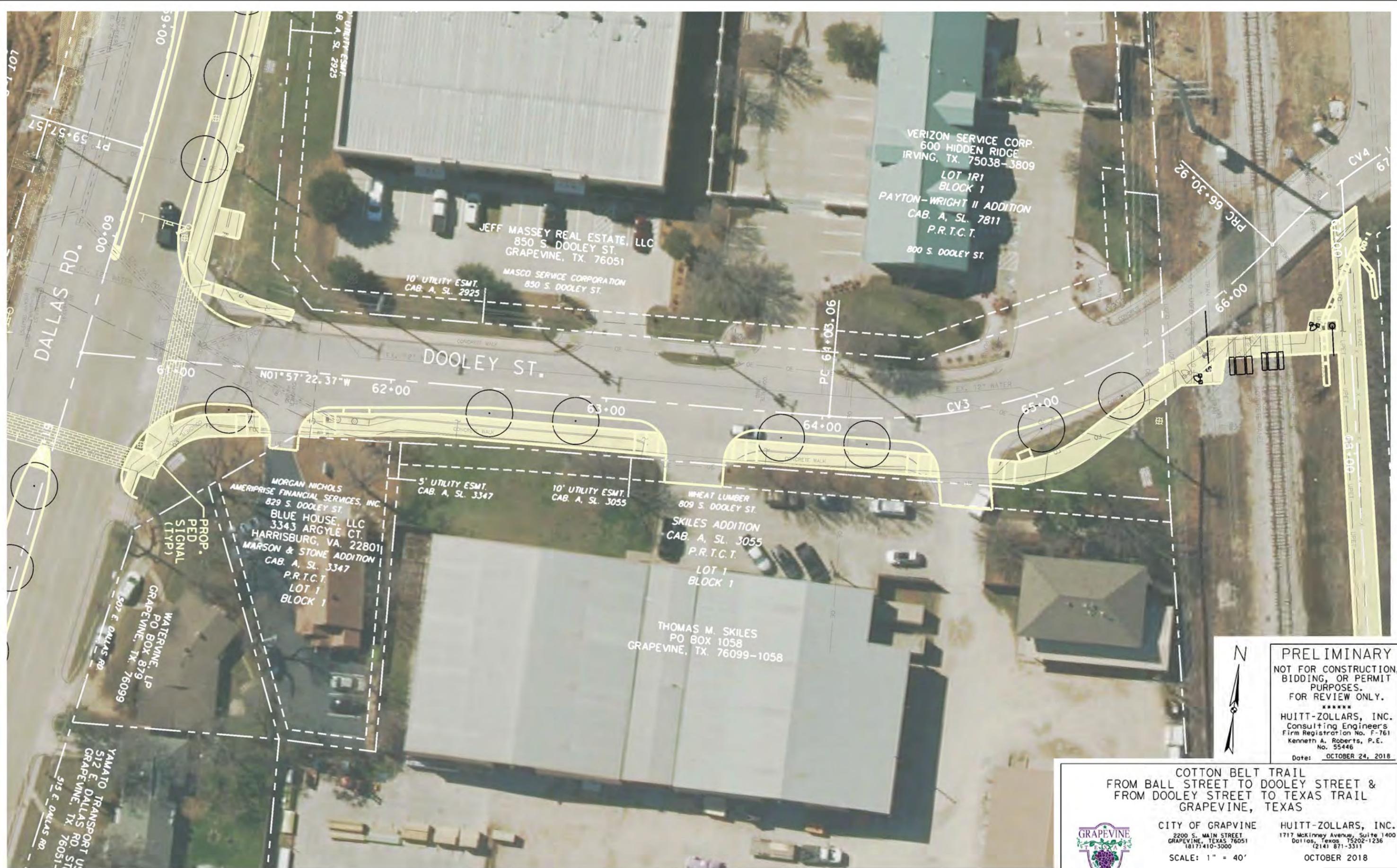


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SCALE: 1" = 40'

OCTOBER 2018



LOT 1  
 DALLAS RD.  
 59+00  
 PT 59+51.51  
 60+00  
 61+00  
 62+00  
 63+00  
 64+00  
 65+00  
 66+00  
 67+00  
 507 E. DALLAS RD.  
 WATERLINE, LP  
 PO BOX 879  
 GRAPEVINE, TX. 76099  
 512 E. DALLAS RD. STA  
 GRAPEVINE, TX. 76051  
 515 E. DALLAS RD.

UTILITY ESMT.  
 CAB. A. SL. 2925  
 10' UTILITY ESMT.  
 CAB. A. SL. 2925  
 MASCO SERVICE CORPORATION  
 830 S. DOOLEY ST.  
 5' UTILITY ESMT.  
 CAB. A. SL. 3347  
 10' UTILITY ESMT.  
 CAB. A. SL. 3055  
 WHEAT LUMBER  
 809 S. DOOLEY ST.  
 SKILES ADDITION  
 CAB. A. SL. 3055  
 P.R.T.C.T.  
 LOT 1  
 BLOCK 1  
 THOMAS M. SKILES  
 PO BOX 1058  
 GRAPEVINE, TX. 76099-1058

JEFF MASSEY REAL ESTATE, LLC  
 850 S. DOOLEY ST.  
 GRAPEVINE, TX. 76051  
 VERIZON SERVICE CORP.  
 600 HIDDEN RIDGE  
 IRVING, TX. 75038-3809  
 LOT 1R1  
 BLOCK 1  
 PAYTON-WRIGHT II ADDITION  
 CAB. A. SL. 7811  
 P.R.T.C.T.  
 800 S. DOOLEY ST.

CV3  
 65+00  
 64+00  
 63+00  
 62+00  
 61+00  
 60+00  
 N01°57'22.37"W  
 CONCRETE WALK  
 EX. 12" WATER

CV4  
 67+00  
 66+00  
 65+00  
 64+00  
 63+00  
 62+00  
 61+00  
 60+00  
 PRC 66+30.92  
 PC 64+03.06  
 66+00  
 65+00  
 64+00  
 63+00  
 62+00  
 61+00  
 60+00



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 FROM BALL STREET TO DOOLEY STREET &  
 FROM DOOLEY STREET TO TEXAS TRAIL  
 GRAPEVINE, TEXAS

 <b>CITY OF GRAPVINE</b> 2200 S. MAIN STREET GRAPEVINE, TEXAS 76051 1817)410-3000	<b>HUITT-ZOLLARS, INC.</b> 1717 McKinney Avenue, Suite 1400 Dallas, Texas 75202-1236 (214) 871-3311
SCALE: 1" = 40'	OCTOBER 2018





AUSTIN ST.

#621

CLIFTON H. JONES  
CAB. A, SL. 10494 LOT 8  
BLOCK 119 6' UTILITY ESMT.  
P.R.T.C.T. 621 AUSTIN ST. CAB. A, SL. 10494

LOT 1  
BLOCK 3

FAITH CHRISTIAN SCHOOL ADDITION  
CAB. A, SL. 11698  
P.R.T.C.T.

FAITH CHRISTIAN SCHOOL, INC.  
730 E. WORTH ST.

20' SANITARY  
SEWER ESMT.

PROP.  
RETAINING  
WALL

PT 76+64.00

71+00

72+00

73+00

N79°53'44.06"E

74+00

75+00

N79°53'44.06"E 76+00

22'  
FOUL LINE

10' UTILITY ESMT.  
CAB. A, SL. 6735  
THOMAS M. SKILES &  
T. WILLIAM SKILES  
809 S. DOOLEY ST.

10' UTILITY ESMT.  
INST. D208036022  
G & L PROPERTIES CP  
611 E. DALLAS RD.

15' T.P. & L. ESMT.  
VOL. 5181, PG. 362

BUDGET TRUCK RENTAL &  
AVIS CAR RENTAL  
617 E. DALLAS RD.

TUFFLI CO., INC.  
2780 SKYPARK DR., SUITE 410  
TORRANCE, CA 90505 7519



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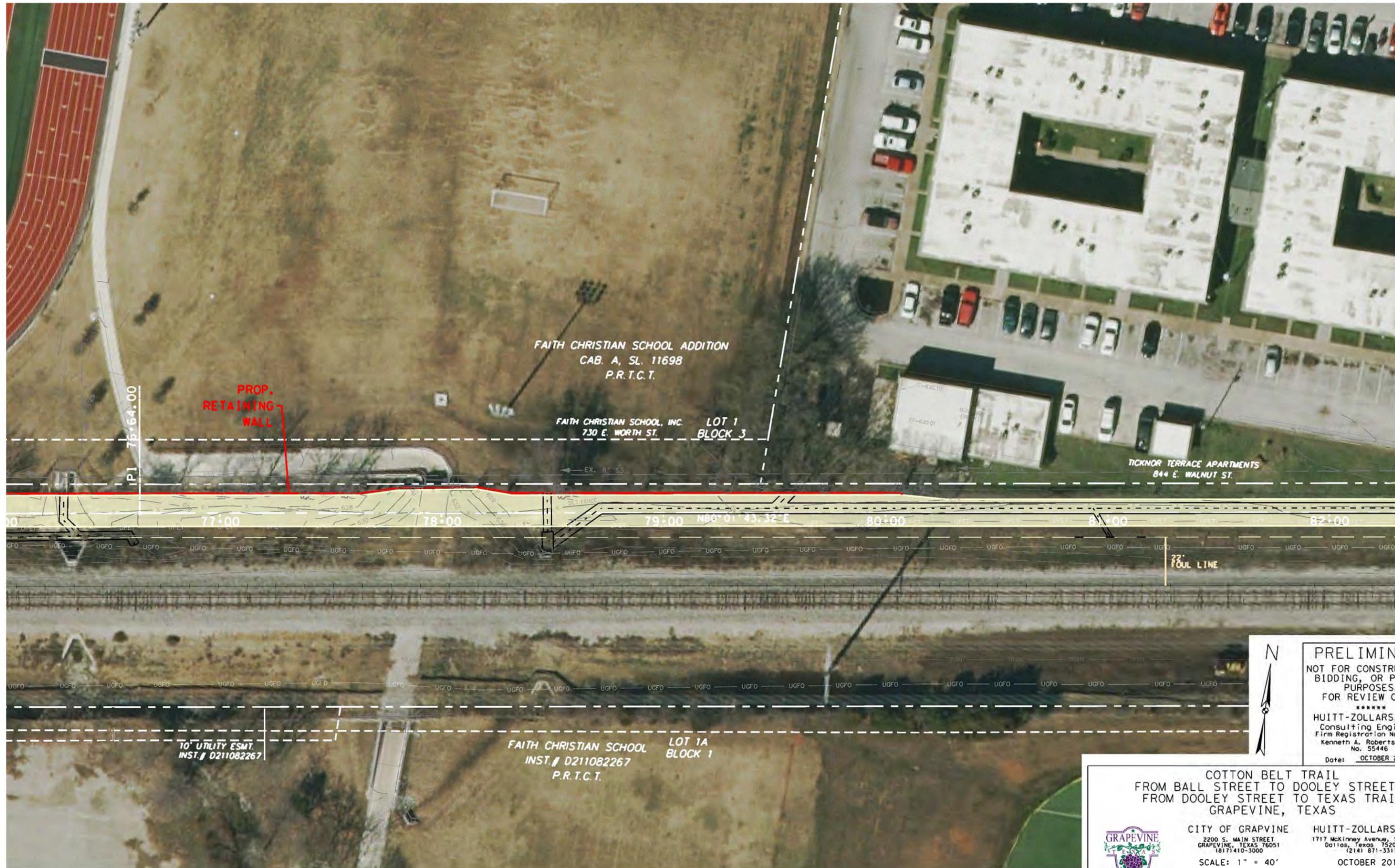
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OCTOBER 2018



PI 75+64.00

PROP.  
RETAINING  
WALL

FAITH CHRISTIAN SCHOOL ADDITION  
CAB. A, SL. 11698  
P.R.T.C.T.

FAITH CHRISTIAN SCHOOL, INC. LOT 1  
730 E. WORTH ST. BLOCK 3

TICKNOR TERRACE APARTMENTS  
844 E. WALNUT ST.

77+00

78+00

79+00

80+00

81+00

82+00

N80° 01' 43.32" E

22' FOUL LINE

10' UTILITY ESMT.  
INST. # D211082267

FAITH CHRISTIAN SCHOOL LOT 1A  
INST. # D211082267 BLOCK 1  
P.R.T.C.T.



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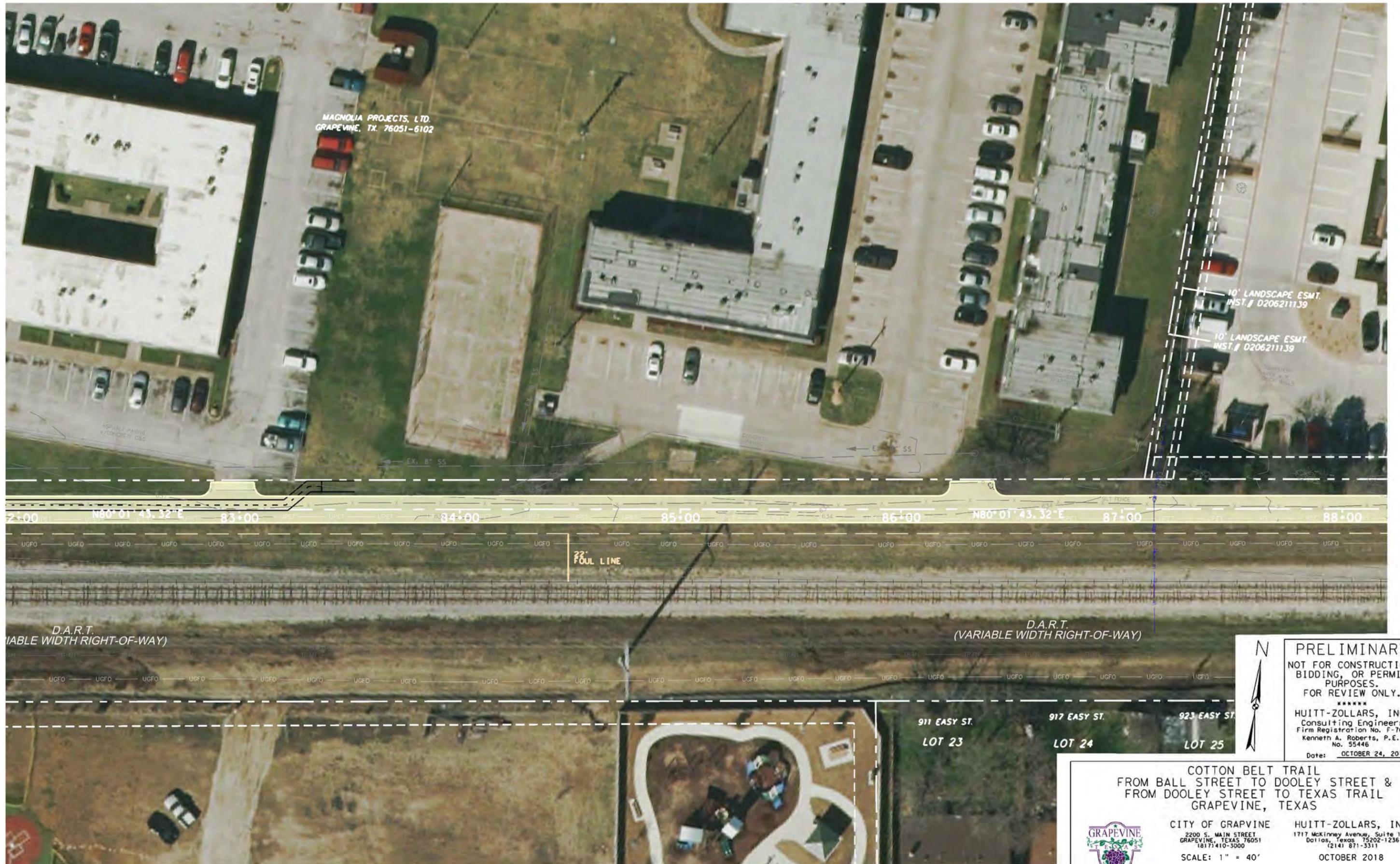
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OCTOBER 2018



MAGNOLIA PROJECTS, LTD.  
GRAPEVINE, TX. 76051-6102

10' LANDSCAPE ESMT.  
INST. # D206211139

10' LANDSCAPE ESMT.  
INST. # D206211139

82+00 N80°01'43.32"E 83+00 84+00 85+00 86+00 N80°01'43.32"E 87+00 88+00

22' FOUL LINE

D.A.R.T.  
(VARIABLE WIDTH RIGHT-OF-WAY)

D.A.R.T.  
(VARIABLE WIDTH RIGHT-OF-WAY)

911 EASY ST.

917 EASY ST.

923 EASY ST.

LOT 23

LOT 24

LOT 25



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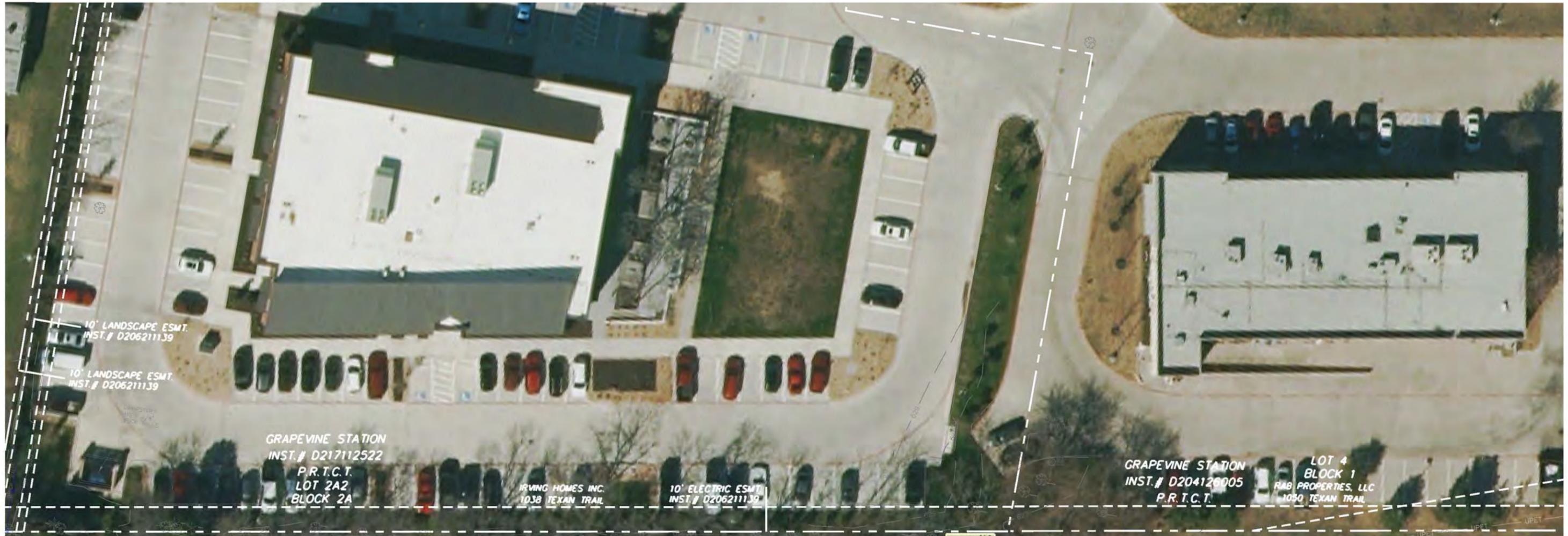
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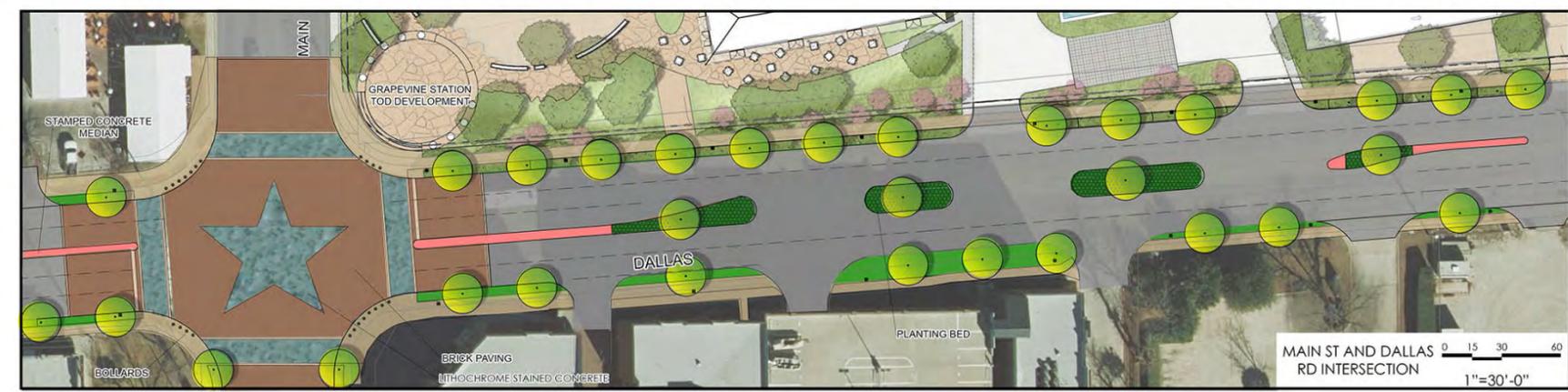
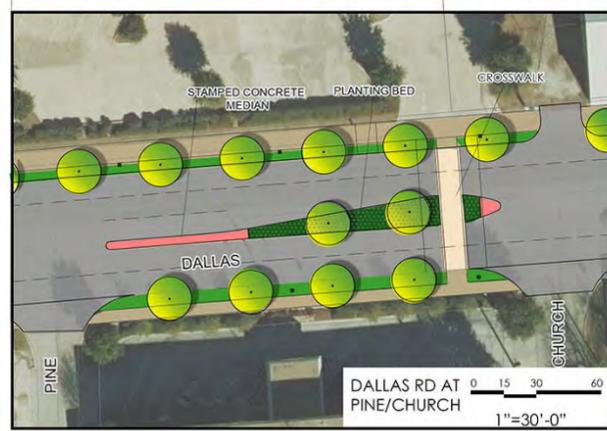
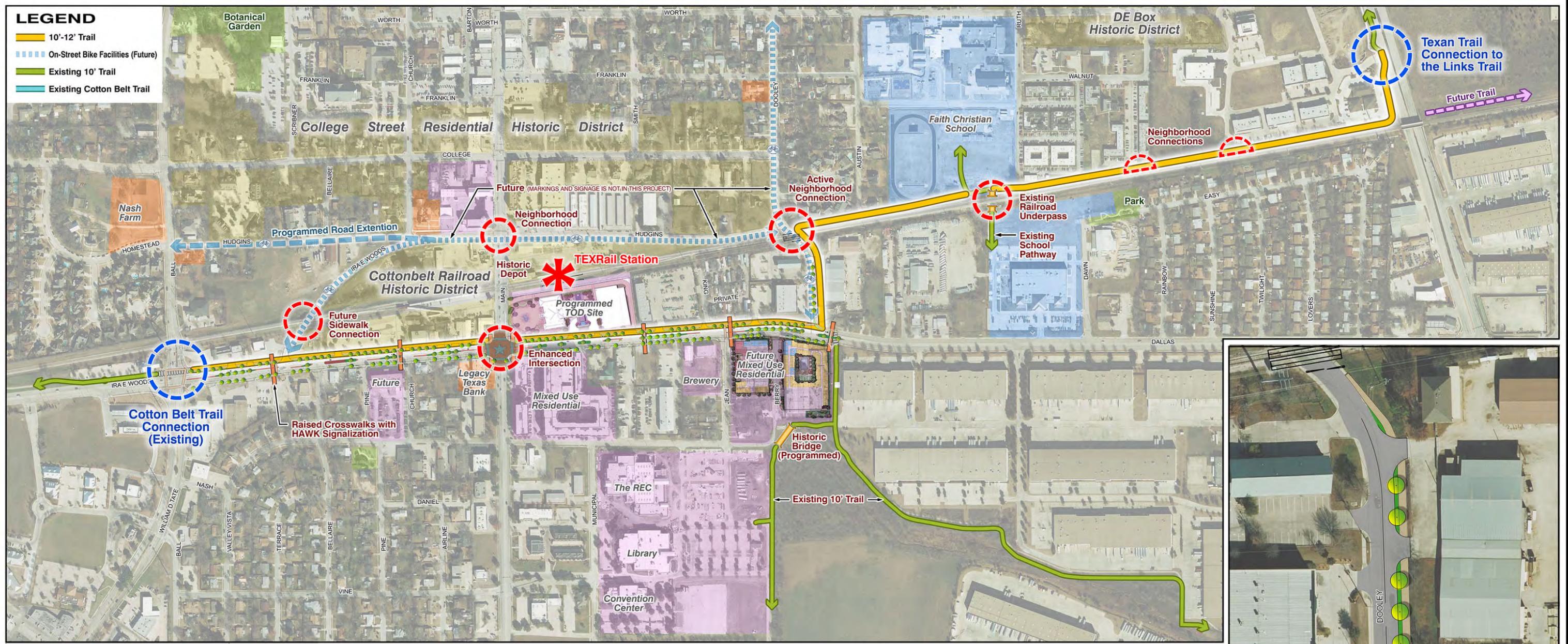


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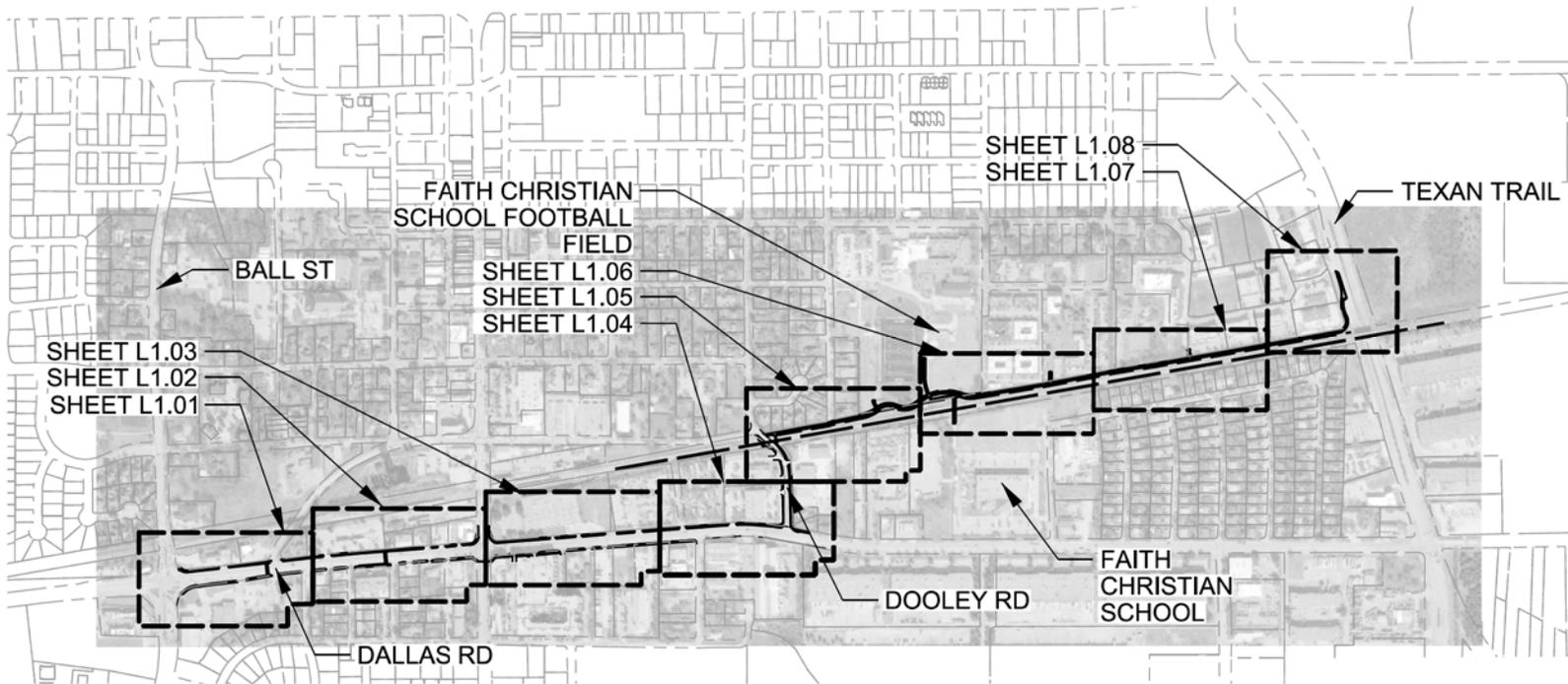


# DALLAS RD AND COTTON BELT TRAIL CONCEPT PLAN

## GRAPEVINE, TX

FEBRUARY 24, 2017

Architexas **HUITT-ZOLIARS**



# HUITT-ZOLLARS

Huitt-Zollars, Inc.  
 1717 McKinney Avenue, Suite 1400  
 Dallas, Texas 75202-1236  
 Phone (214) 871-3311 Fax (214) 871-0757

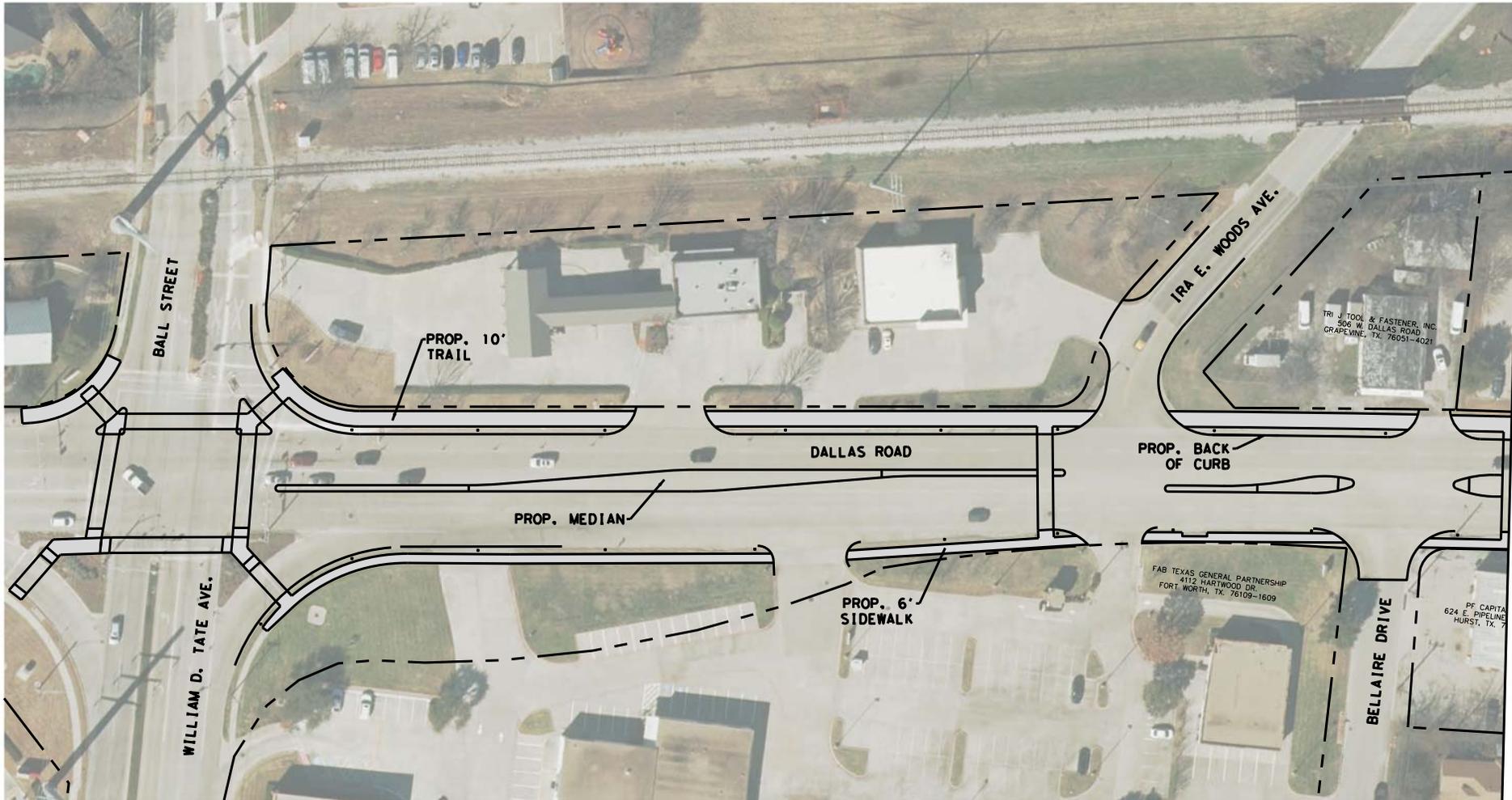
DALLAS ROAD /  
 COTTONBELT TRAIL

GRAPEVINE, TEXAS

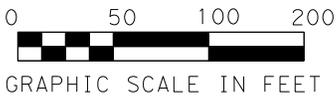
PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SHEET LAYOUT

DATE: APRIL 05, 2018

L1.00



MATCHLINE L1.01



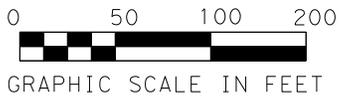
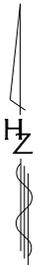
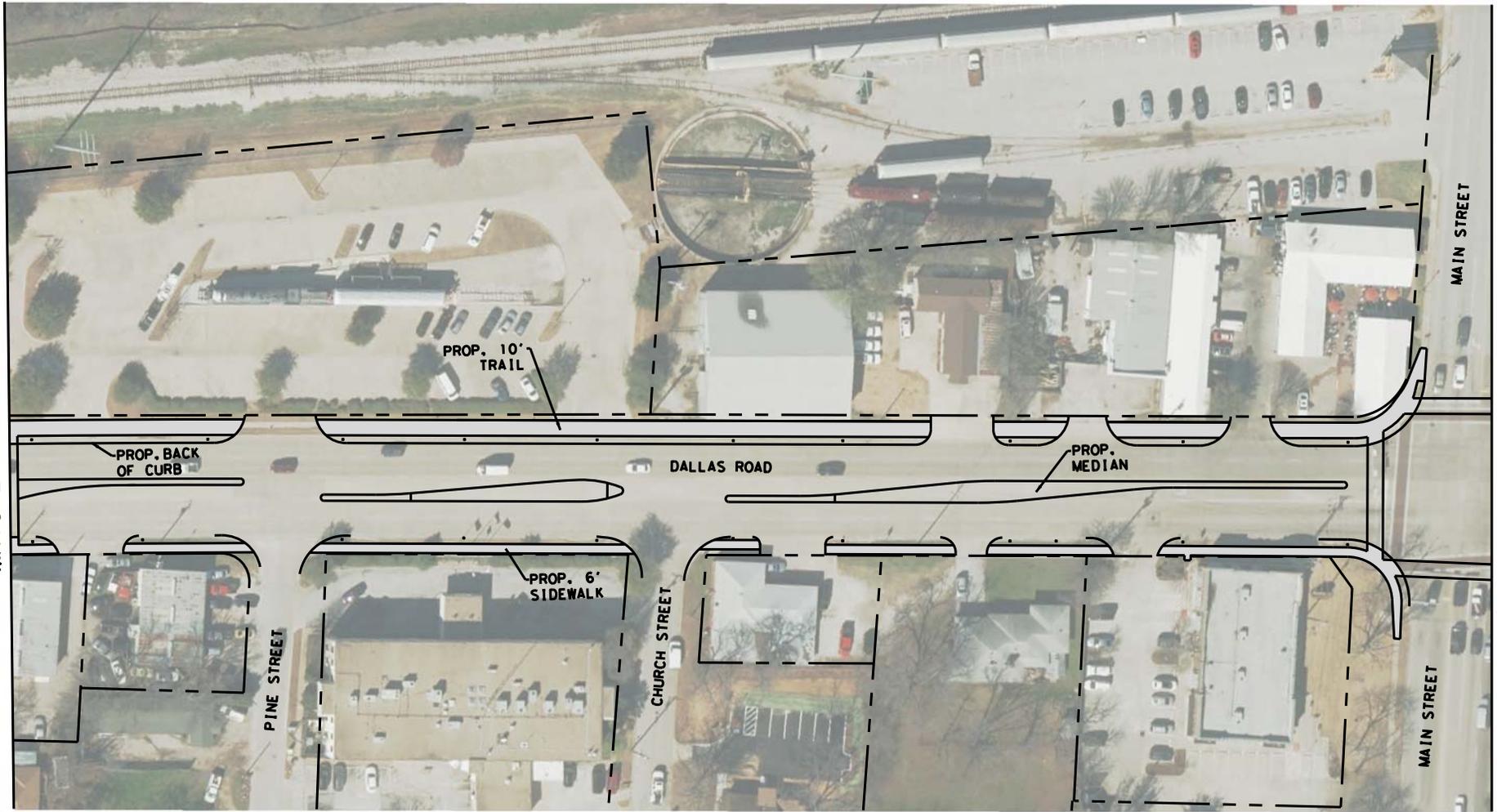
**HUITT-ZOLLARS**  
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**DALLAS ROAD /  
 COTTONBELT TRAIL**  
  
**GRAPEVINE, TEXAS**

PROJECT COORDINATION REQUEST EXHIBITS SITE PLAN	
DATE: APRIL 05, 2018	L1.01

MATCHLINE L1.01

MATCHLINE L1.03



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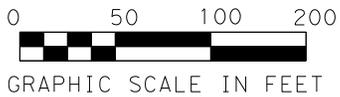
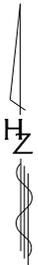
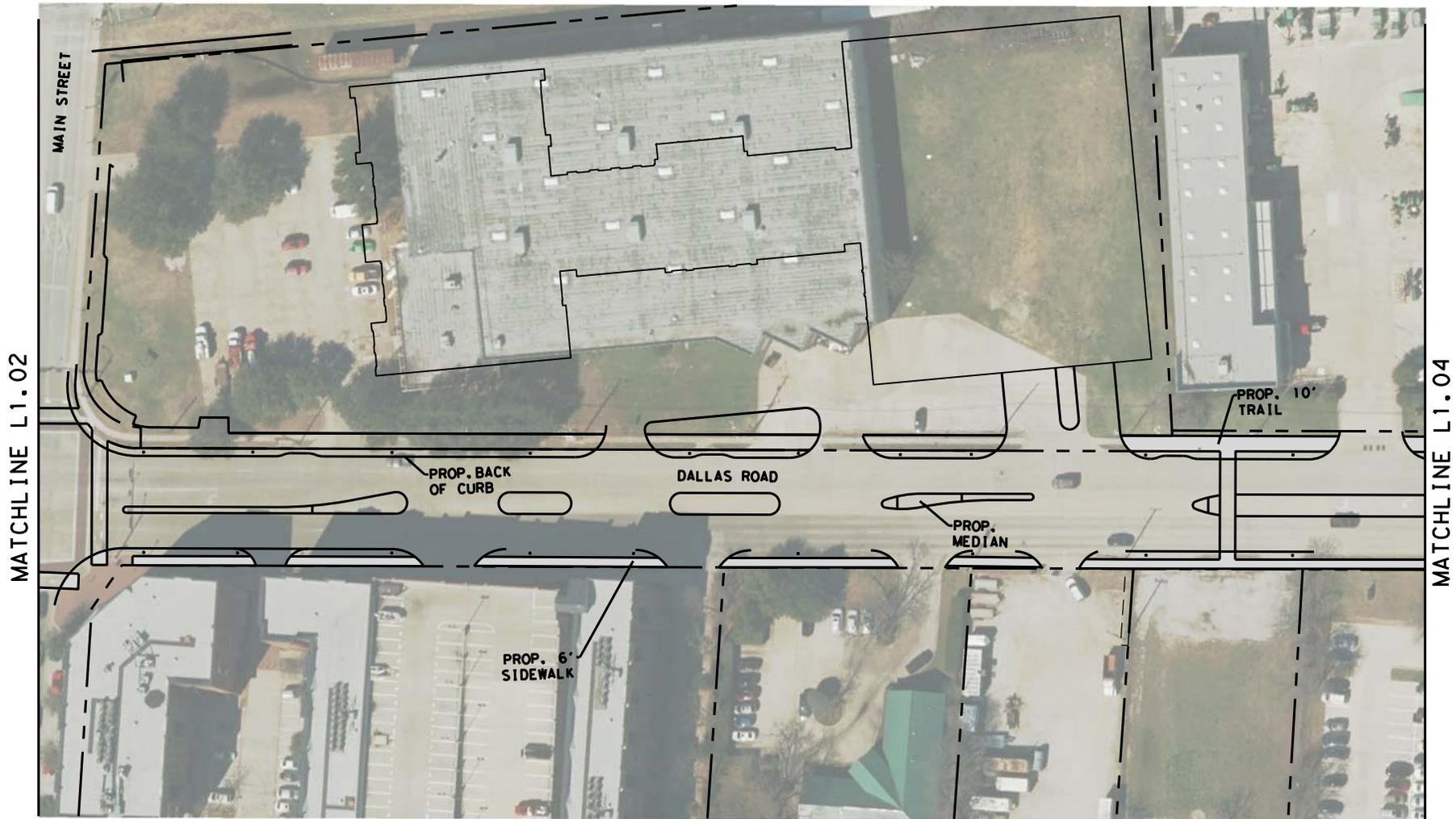
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PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SITE PLAN

DATE: APRIL 05, 2018

L1.02



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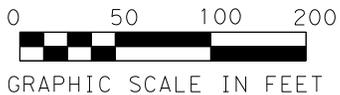
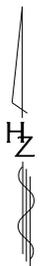
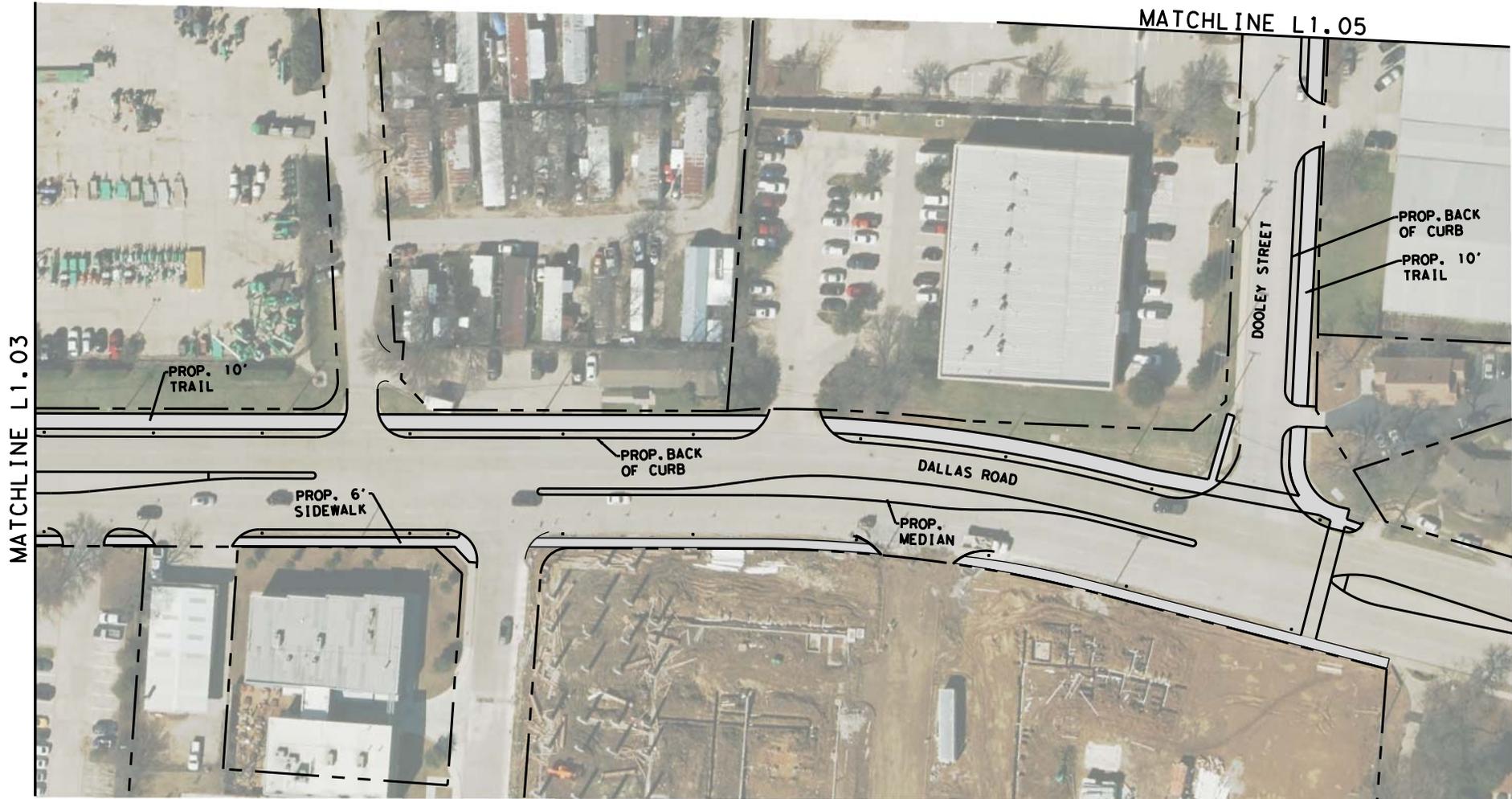
DALLAS ROAD /  
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PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SITE PLAN

DATE: APRIL 05, 2018

L1.03



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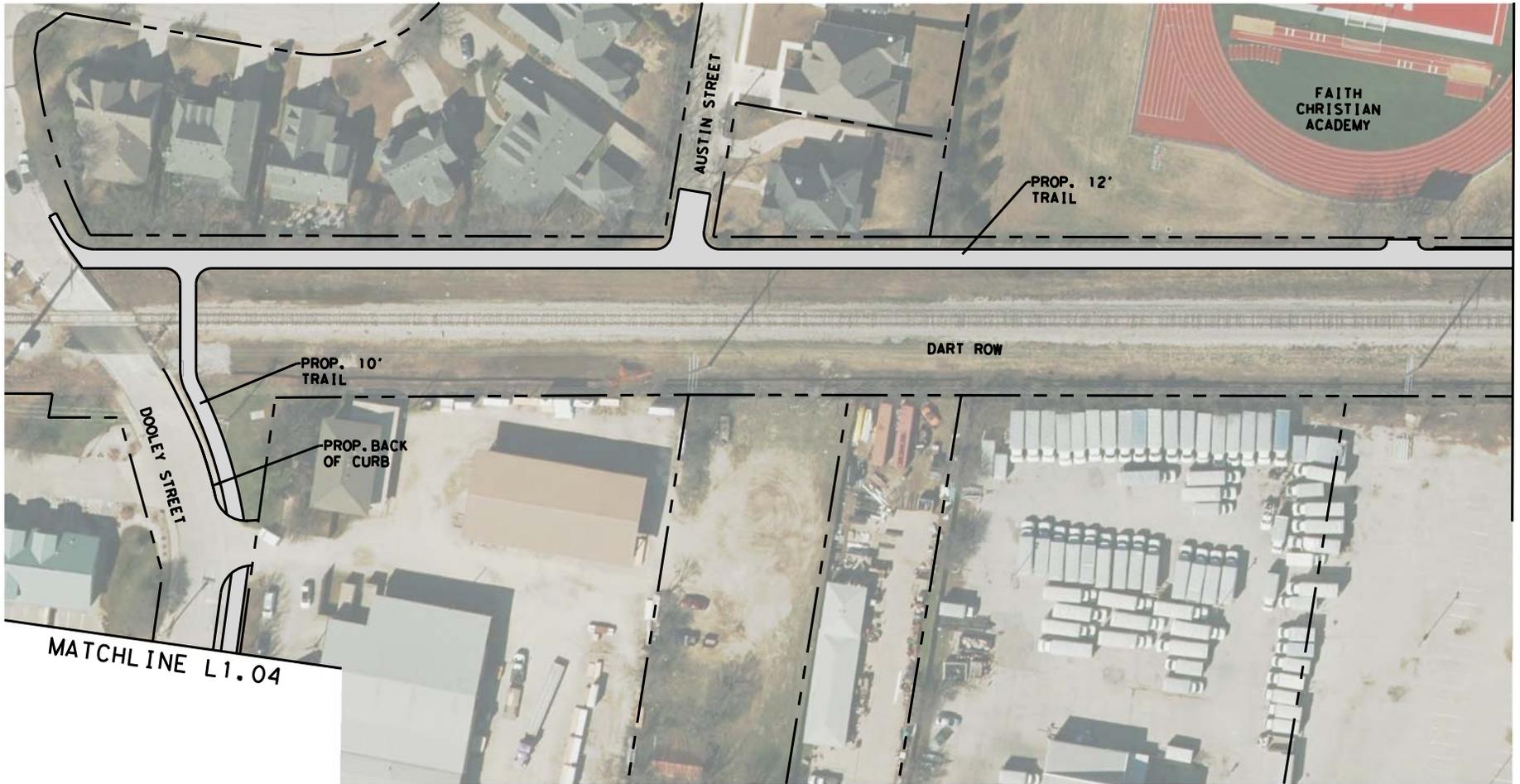
DALLAS ROAD /  
 COTTONBELT TRAIL

GRAPEVINE, TEXAS

PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SITE PLAN

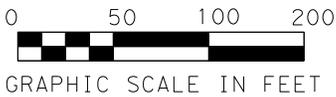
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L1.04



MATCHLINE L1.06

MATCHLINE L1.04



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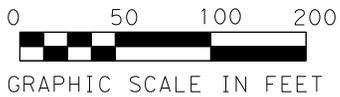
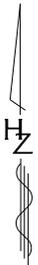
**DALLAS ROAD /  
 COTTONBELT TRAIL**  
  
**GRAPEVINE, TEXAS**

PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SITE PLAN

DATE: APRIL 05, 2018	L1.05
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MATCHLINE L1.05

MATCHLINE L1.07



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GRAPEVINE, TEXAS

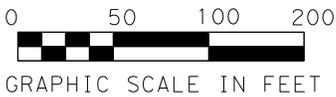
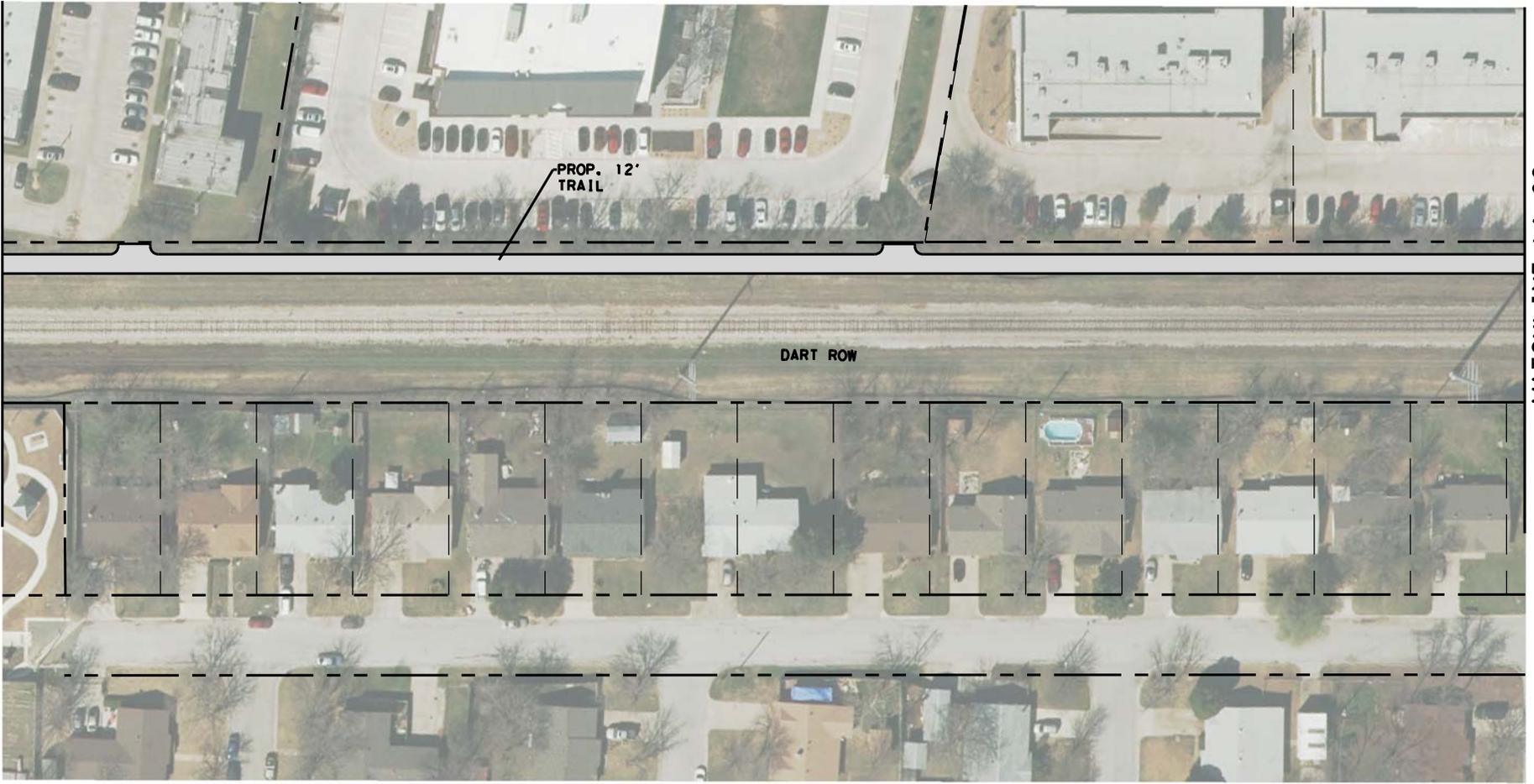
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 REQUEST EXHIBITS  
 SITE PLAN

DATE: APRIL 05, 2018

L1.06

MATCHLINE L1.06

MATCHLINE L1.08

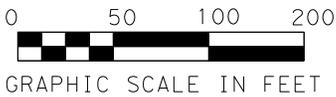
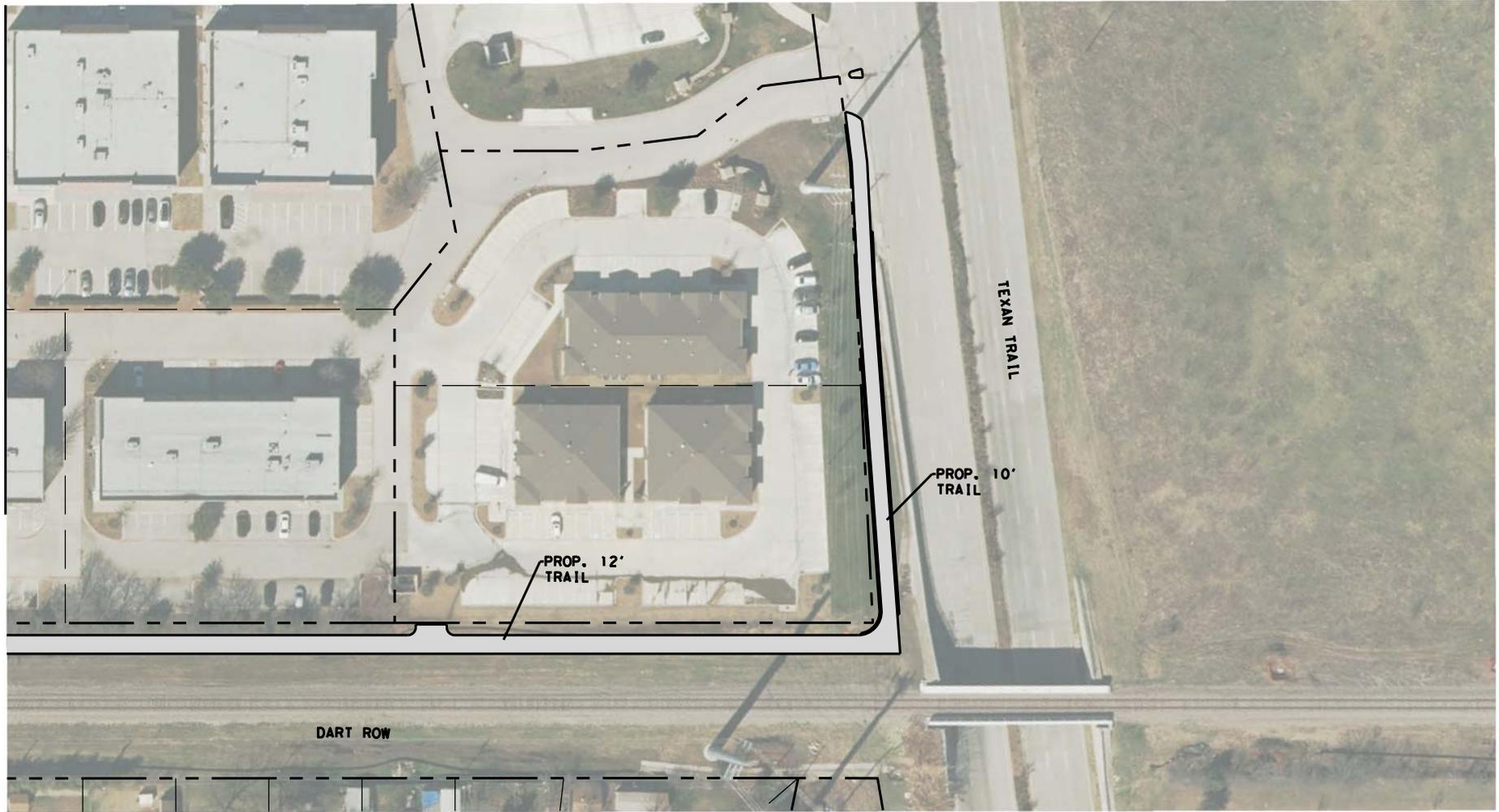


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**DALLAS ROAD /  
 COTTONBELT TRAIL**  
  
**GRAPEVINE, TEXAS**

PROJECT COORDINATION REQUEST EXHIBITS SITE PLAN	
DATE: APRIL 05, 2018	L1.07

MATCHLINE L1.07

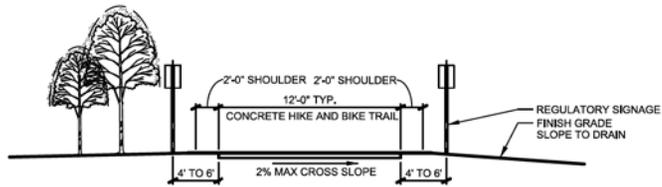


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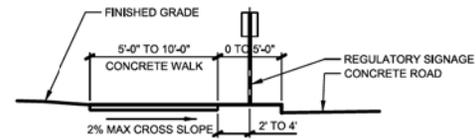
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**GRAPEVINE, TEXAS**

PROJECT COORDINATION  
 REQUEST EXHIBITS  
 SITE PLAN

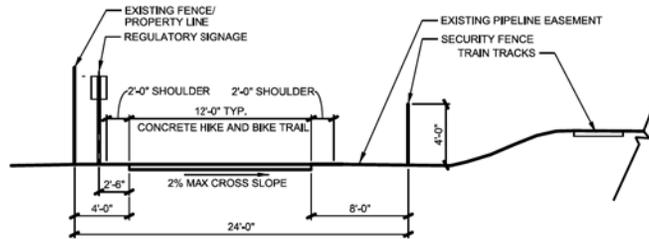
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**01** STANDARD HIKE AND BIKE TRAIL SECTION  
NOT TO SCALE SECTION



**02** STANDARD SIDEPATH SECTION  
NOT TO SCALE SECTION



**03** RR ROW EASEMENT HIKE AND BIKE TRAIL SECTION  
NOT TO SCALE SECTION



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DALLAS ROAD /  
COTTONBELT TRAIL

GRAPEVINE, TEXAS

PROJECT COORDINATION  
REQUEST EXHIBITS  
TYPICAL SECTIONS

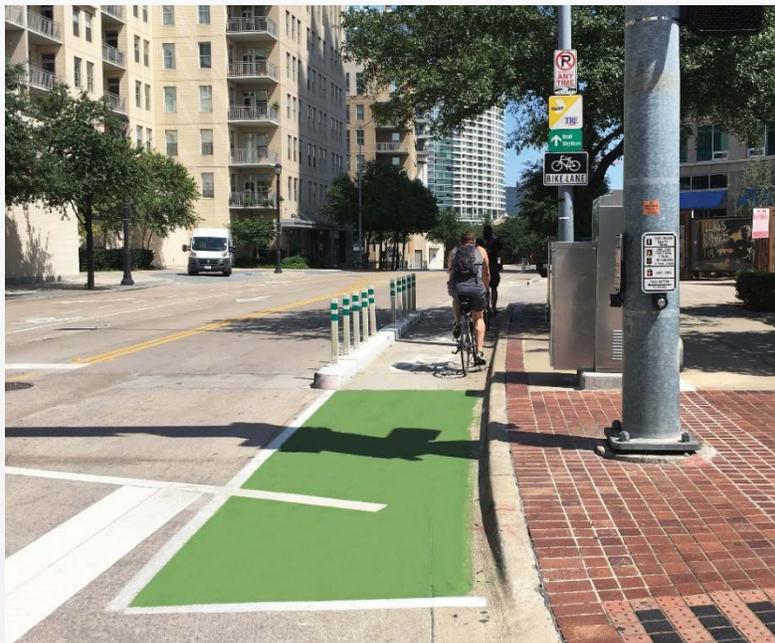
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2017 TRANSPORTATION ALTERNATIVES SET-ASIDE PROGRAM  
CALL FOR PROJECTS FOR NORTH CENTRAL TEXAS REGION

**ACTIVE TRANSPORTATION APPLICATION**



Submitting Agency: City of Grapevine

Project Title: Dallas Road TOD Corridor/Cotton Belt Trail Extension

**Applications due: February 24, 2017, by 5:00PM**

IMPORTANT: Federal FAST Act funds has very specific requirements for grants management along with detailed reporting. If you are unfamiliar with Federal regulations and grant requirements, or have not received federal funds administered by TxDOT in the past, please review the documents associated with this Call for Projects to determine if your agency is willing, and has the institutional capacity, to comply with the required terms and conditions.



**Project proposals must be received by 5:00 pm, Central Standard Time, on Friday, February 24, 2017.**

NCTCOG must have the submitted application “in hand” at the NCTCOG offices by the February 24 application deadline. A postmark by the established deadline does not constitute an on-time application. In addition, supplemental information, other than administrative clarifications, final resolutions, and easement or access agreement documentation (which can be submitted with the application or after the date but by April 21, 2017), will not be accepted after the application deadline. Nomination packages failing to include any of the requested documentation may be considered incomplete and will be evaluated based on the information provided. Project sponsors are encouraged to submit their proposals far enough in advance of the submission deadline to allow NCTCOG staff to review proposals for completeness. Project proposals must consist of three (3) original hard copies (including attachments) and one (1) electronic copy of all files on a CD, USB drive or SD card.

Project proposals must consist of three (3) original hard copies (including attachments) and one (1) electronic copy of all files on a CD, USB drive or SD card.

Project Proposals should be mailed or hand-delivered to:

Mail:

North Central Texas Council of Governments  
Transportation Department  
Attn: Karla Weaver  
P.O. Box 5888  
Arlington, Texas 76005-5888

Physical location:

North Central Texas Council of Governments  
Transportation Department  
Attn: Karla Weaver  
616 Six Flags Drive  
Arlington, Texas 76011

The information in this application is public record. Therefore, applicants should not include information regarded as confidential.



**7. SUPPORTING ENTITY CONTACT INFORMATION**

Provide the name and contact information for the representative of the supporting entity.

**Not Applicable** (check here if there is not a supporting entity)

Contact Person (name): \_\_\_\_\_

Title: \_\_\_\_\_

Department: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_

State: Texas

Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**8. PROJECT LOCATION**

**a. City/Cities in which the project is located:**

Grapevine \_\_\_\_\_

**b. County/Counties in which the project is located:**

(Select one unless project is located in more than one county)

TxDOT Dallas District

- Collin County
- Dallas County
- Denton County
- Ellis County
- Kaufman County
- Rockwall County

TxDOT Fort Worth District

- Hood County
- Johnson County
- Parker County
- Tarrant County
- Wise County

TxDOT Paris District

- Hunt County

**9. DESCRIPTION OF PROJECT**

Describe existing conditions and provide a clear description of the purpose of the project and the scope of work for TA Set-Aside Program funds. Supplemental materials such as pictures, exhibits, diagrams, etc. may be provided as necessary to explain existing conditions and proposed improvements, and included with the project plans and maps in Section 12. Label the relevant project documents “**Attachment (A) - Project Information Maps, Plans, and Studies**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card. Vague descriptions may result in lower evaluation scores and lower ranking. Information about the project scope should be consistent with the itemized work activities provided in the Project Budget Summary. (limited to 3,500 characters including spaces)

The Grapevine City Council has determined that alterations/enhancement to the Dallas Road corridor are needed to facilitate pedestrian, bicycle and vehicular access to the new Grapevine Main Street TEXRail station. A new future land use plan, Master Plan Trails Map, and strategic plan have been adopted which will facilitate the development of both transit-oriented uses and active transportation facilities along the corridor. City Council also seeks to fill in a gap in the local and regional trail system in downtown Grapevine.

Our project for funding consideration will reduce the existing 5-lane undivided, 67-foot wide Dallas Road to a 4-lane divided roadway, 59 feet in width to accommodate the extension of the 10-foot wide Cotton Belt Trail along the expanded north side of Dallas Road, and a 6-foot sidewalk along the south side between William D. Tate (Ball Street) and Dooley Street. These enhancements will transform Dallas Road into a Complete Street that also serves as a gateway into Grapevine’s historic downtown and regional rail station depot, and helps activate the city's emerging Transit Oriented Developments.

The Cotton Belt Trail will continue north along the east side of Dooley Street to the DART ROW and via an agreed-upon easement, then head eastward along the north side of the rail corridor as a 12-foot wide trail that connects with Faith Christian School campus (which has 747 students) to Texan Trail where it will connect with the Links Trail, a TxDOT on-system trail. The connection of the Cotton Belt Trail with the Links Trail in Grapevine fills a gap in both the local system and the Regional Veloweb, and provides active transportation access to additional area attractions, neighborhoods, and major employers in Grapevine.

In 2015, 85% of commuters in Grapevine drove alone, so additional options are crucial in the downtown core. This proposed Complete Streets corridor/trail project will serve as a last-mile connection to the future Grapevine Main Street TEXRail station and to Grapevine’s historic downtown, new mixed-use transit-oriented developments along Dallas Road, and many area employers.

**10. PROJECT/PROGRAM ELEMENTS FOR USE OF TA SET-ASIDE PROGRAM FUNDS**

a. The project includes the following facilities: (Select all that apply and provide necessary information)

- Sidewalks 100 % New Construction 6' Width (ft.) of sidewalks
- Crosswalks
- Curb Ramps
- On-Street Bicycle Facilities
  - Bicycle Lane
  - Shared Lane Markings
  - Separated Bicycle Lane
  - Bicycle Boxes
  - Colored Pavement for Bicycle Lanes
- Shared-Use Path/Trail 10'/12' Width (ft.) (minimum 10 – 14 ft.)
- Pedestrian and Bicycle Signalization/Traffic Control
- Bicycle Parking/Racks/Amenities
- Pedestrian Amenities/Streetscape (lighting, landscaping, etc.)
- Transit Stops and Amenities
- Traffic Calming
- Signage
- Bicycle and Pedestrian Traffic Count Equipment
- Other Trail Wayfinding Kiosks

Include the above facilities in the *Itemized Construction Costs* worksheet in “**Attachment (G) Project Budget Summary**”.

Describe the facilities included in the project, as well as any innovative treatments and technology such as separated bike lanes, protected intersections, bicycle facilities with interim approval by FHWA (e.g. bike boxes, bicycle signals, colored pavement, etc.), median crossing islands, Rectangular Rapid Flash Beacons, pedestrian hybrid beacons, enhanced crossing treatments, traffic calming measures, bicycle and pedestrian traffic count equipment, etc. (limited to 1,500 characters including spaces)

- Dallas Rd. Complete Street Improvements: Install 10' concrete trail on north side of road w/ 5' buffer with curb cut removed. Install a 6' continuous and fully ADA-compliant sidewalk on south side of road. Reduce lane widths from 12' to 11' and add 14' protected median crossing islands. Add mid-block crosswalks with brick pavers and HAWK signals. Add an innovative raised traffic table at Main St. intersection.

- Dooley St: Install 10' concrete trail on east side of road. Add 'Bikes May Use Full Lane' signage with accompanying lane markings.

- Rail Corridor: Install 12' wide concrete trail in DART ROW, including safety fencing, culvert crossings and associated retaining walls near Faith Christian School.

- Other elements include trail kiosks, cautionary signage, bike racks, trash receptacles, benches, pedestrian lighting, and shade trees.

- b. The project includes a paved shared-use path (trail) and/or on-street bicycle facilities, and must at a minimum comply with the guidelines set forth by the *American Association of State Highway and Transportation Officials (AASHTO) Guide for the Development of Bicycle Facilities (2012, Fourth Edition)*, the *National Association of City Transportation Officials (NACTO) Urban Bikeway Design Guide (Second Edition)* and/or the *Federal Highway Administration (FHWA) Separated Bike Lane Planning and Design Guide*.

**Yes**

**No**

Explain why the project will not comply with AASHTO, NACTO, and/or FHWA guidelines (limited to 1,500 characters including spaces):

**Not Applicable** (check here if the project does not include a shared use path or on-street bicycle facility)

**11. PROJECT LOCATION DESCRIPTION**

- a. **From/Beginning Point, if applicable:**  
Dallas Rd. at William D. Tate (Ball St.) across from Cotton Belt Trail
- b. **To/End Point, if applicable:**  
Current Grapevine Links Trail terminus along Texan Trail
- c. **Project Length (feet/miles), if applicable** 1.5 miles
- d. **Project Width (feet), if applicable** 10' and 12' trail; 6; sidewalk
- e. **Intersection(s), if applicable:** 10 roadway, 1 railroad crossing
- f. **Detailed description of the project alignment, location(s), or boundary of project area:** (limited to 1,000 characters including spaces)

This project creates the Complete Streets vision for Dallas Rd. from William D. Tate (Ball St.) to Dooley Street. Improvements will activate a 10' shared-use path along the north side of Dallas Rd., with contiguous 6' sidewalks along the south side of Dallas Rd. These will all be constructed within the existing roadway ROW. To achieve this, Dallas Rd. will be reduced from 5 lanes to 4 within this rapidly emerging commercial/mixed-use core of Grapevine. Medians with 5 mid-block pedestrian crossing refuges will replace the current 'scramble' lane. At Dooley St., a 10' shared-use path will follow the east side north to the northern side of the DART ROW. From Dooley St., a 12' concrete trail will traverse along the north side of the railroad ROW and briefly through a school campus easement that connects to both sides of the RR with an existing pedestrian tunnel underpass. At Texan Trail, the trail will continue onto the TxDOT ROW to the existing 10' Links Trail and its adjacent sidewalk connections.

**12. PROJECT INFORMATION**

**a. Project Plans and Location Maps**

Include plans and aerial maps as appropriate to identify the location of the project, and other relevant site maps, design plans, photos, diagrams, etc. to display the project scope/alignment/area and/or types of facilities and improvements included in the project application. Location maps should highlight or show other existing and planned linkages to employment centers, schools, transit facilities, or other major destinations.

Label the relevant project documents “**Attachment (A) - Project Information Maps, Plans, and Studies**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

Geographic Information Systems (GIS) files for the project are strongly encouraged to ensure accuracy of project location and scoring. Please contact NCTCOG staff if the Nominating Entity does not have GIS capabilities and technical assistance is needed to provide such files.

**GIS files.** Check here if GIS shapefiles are available for the project location/area and are included in a folder labeled “GIS” on the Nomination CD, USB drive or SD card.

b. This project is included in a Plan(s) adopted by a Governing Body (e.g. City Council, Agency Board) such as but not limited to a Bicycle Master Plan, Comprehensive Plan, Corridor or Neighborhood Plan, Transportation or Thoroughfare Plan, or Trails Plan. (Select one)

Yes, the project is included in a Plan(s) adopted by a Governing Body.

**Name and Approval Date of Adopted Plan**

(name) Grapevine Master Plan Trails Map

(adoption date) January 2016

(relevant section and pages/maps to reference in the Plan) \_\_\_\_\_

**Name and Approval Date of Adopted Plan**

(name) Future Land Use Map

(adoption date) January 2017

(relevant section and pages/maps to reference in the Plan) \_\_\_\_\_

**Name and Approval Date of Adopted Plan**

(name) Grapevine Comprehensive Strategic Plan

(adoption date) July 2016

(relevant section and pages/maps to reference in the Plan) \_\_\_\_\_

Label the relevant sections and materials of the adopted Plan(s) as “**Attachment (B) - Adopted Plan**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card. It is not necessary to submit the entire adopted Plan document.

No The project is not included in a Plan adopted by a Governing Body. If so, explain how the project achieves the broader community and regional priorities identified in Evaluation and Scoring Criteria for the 2017 TA Set-Aside Program Call for Projects in the North Central Texas Region. (limited to 1,500 characters including spaces)

c. Does the Agency have an Americans with Disabilities Act (ADA) Transition Plan for transportation?

**Yes** Label the relevant plan documents “**Attachment (A) - Project Information Maps, Plans, and Studies**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**No**

**Not Applicable**

### 13. REGIONAL NETWORK CONNECTIVITY AND MOBILITY

a. Does the project implement a section of the Regional Veloweb, improves connections between cities and counties, and/or connects to the Regional Veloweb?

**Yes**

**No**

**Not Applicable**

b. Does the project provide access to a rail station, streetcar and/or bus stop?

**Yes**

**No**

**Not Applicable**

### 14. SAFETY

a. Is there a documented safety issue for pedestrians, bicyclists, and other non-drivers in the project area and does the project implement safety countermeasures recommended by a safety study or report? *(select one)*

**Yes** Describe the documented safety issue, data source, safety report/study, and *explain how the project will improve safety for pedestrians, bicyclist, and other non-drivers*. Label the relevant project documents “**Attachment (A) - Project Information Maps, Plans, and Studies**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card. (limited to 500 characters including spaces)

Grapevine police records show that from 2010 to 2016, 3 accidents involving cyclists occurred in proximity to the proposed trail and from 2013 to 2016, 1 accident involving pedestrians occurred in proximity to the proposed trail. These records are included in Attachment A. The proposed complete streets linkage and off-street trail through the core of Grapevine will enhance safety for pedestrians and cyclists, as density increases around the future TEXRail station.

**No**

- b. Does the project implement a low stress/high level of comfort facility suitable for pedestrians, bicyclists, and other non-drivers of all ages and abilities?

For purposes of this application, a low stress/high comfort facility is considered a wide sidewalk (minimum 5 feet in width) for pedestrians or a minimum 10-14 foot wide off-street shared use path for both pedestrians and bicyclists, or separated/protected bike lanes or on-street bike lanes with a suitable design for bicyclists based on the context of the project location (e.g. projected traffic volumes, speeds, adjoining land uses, etc.). Such project design must be consistent with relevant Design Guidelines and resources including AASHTO, NACTO, ITE, FHWA, and TxDOT.

**Yes**

**No**

**Not Applicable**

- c. Does the project implement safety countermeasures that will improve safety at mid-block or intersection crossings (such as bicycle facilities with interim approval by FHWA (e.g. bike boxes, bicycle signals, colored pavement, etc.), median crossing islands, Rectangular Rapid Flash Beacons, pedestrian hybrid beacons, enhanced crossing treatments)

- Yes** Describe the safety countermeasures to be constructed as part of this project. (limited to 500 characters including spaces)

Safety countermeasures along Dallas Rd. include: constructing a raised traffic table at the intersection with Main St, installing medians for pedestrian refuge, adding 5 mid-block crossings with HAWK signals, and lowering the speed limit on Dallas Rd. from Dooley St. to William D. Tate (Ball St.) to facilitate a more pedestrian-friendly environment. These countermeasures will ensure increased safety for all users in addition to increasing mobility and access throughout the corridor.

**No**

**Not Applicable**

Include the above facilities in the *Itemized Construction Costs* worksheet in “**Attachment (G) Project Budget Summary**”.

**15. REDUCING BARRIERS**

Does the project provide or improve safe crossing of an existing obstacle to travel (e.g. major roadways, railroads, and bodies of water) with a low stress/high level of comfort facility suitable for pedestrians, bicyclists, and other non-drivers of all ages and abilities? (select one)

**Yes** Describe the existing barrier and how the project will provide safe crossing of that obstacle to travel by pedestrians, bicyclists, and other non-drivers of all ages and abilities. (limited to 1,000 characters including spaces)

The main barrier in the project corridor is traversing Dallas Rd. as a pedestrian or cyclist. Dallas Rd. is currently a 5-lane road with a center turn lane with speeds of 40 mph and is not conducive to pedestrian and cyclist activity. As a solution, the lanes will be reduced from 12' to 11', mid-block crosswalks with accented brick pavers and HAWK signals will be added for increased safety, 14' medians will be added for pedestrian refuge, and shade trees and landscaped buffers will be added to reduce stress and improve comfort. The speed limit will also be decreased to 35 mph in order to facilitate a more pedestrian-friendly environment. Additionally, the raised intersection at Main St. will increase visibility of pedestrians crossing the intersection. Finally, if the TEXRail Station were added today without any of these improvements, pedestrians and cyclists would be limited in terms of safe access to and from the station.

**No**

**Not Applicable**

**16. NEARBY DESTINATIONS**

Describe any major destinations immediately surrounding the project area, such as schools, employment districts, major employers, high density residential, shopping, entertainment, and other special trip generators that would benefit from the project and are likely to attract bicycling or walking trips. (limited to 1,000 characters including spaces)

Adjacent to the rail line is the historic Grapevine Vintage Railroad museum and nearby is the thriving historic downtown which is a tourist destination. The intersection of Main St. and Dallas Rd. has the potential to serve as a gateway into the heart of Grapevine once the TEXRail Station is completed. Attractions along Dallas Rd. include both 925 Main Street and Trinsic apartments with first-floor retail space and Grapevine Craft Brewery. Further east on Dallas Rd. is Grapevine Faith Christian School, whose campus is bisected by the railroad. To the north on Texan Trail are the Grapevine Station apartments and new office complex which already has several tenants. Just to the south of Dallas Rd. is the REC of Grapevine, Grapevine Public Library, and Grapevine Convention Center. Major employers located within ½ mile of the proposed route include Baylor Scott & White Medical Center, Great Wolf Lodge, Super Shuttle, new Municipal Public Safety Facility, and numerous small businesses.

**17. PROPERTY OWNERSHIP AND ACQUISITION INFORMATION**

a. Has all of the property needed for the project construction been acquired? (select one)

**Yes**

When was the property acquired? (limited to 500 characters including spaces)

The Dallas Rd. corridor right-of-way and easement were originally obtained by TxDOT as part of a 1991 widening project. The project widened the roadway from 2 lanes to its present 5 lane section for 40mph speeds. The section of Dooley north of Dallas Road was constructed in 1996. The right-of-way and adjacent 15 foot drainage and utility easement along the east side of Dooley was dedicated by the adjacent property via a plat.

**No**

Property must still be acquired for the project construction.

Note: Applications that check this response will be deemed incomplete.

**Not Applicable** (check here for infrastructure projects involving easements or access agreements)

b. Have all necessary easements or access agreements been acquired for the project? (select one)

**Yes**

When was the easement or access agreement acquired? (limited to 500 characters including spaces)

Provide a copy of the easement or access agreement and **label as "Attachment (C) - Easement/Access Agreement"** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

No

Describe how and when the easement or access agreement will be acquired. Note: The application must include proof of ownership or a commitment letter by the current property owner indicating that the property's interest will be transferred prior to April 21, 2017. Applications that check this response and do not include a commitment letter by the current property owner will be deemed incomplete. Documentation of the transfer of the property interest must be provided to NCTCOG no later than April 21, 2017. Properties without full ownership, lease, access rights, and right-of-way documentation will be ineligible. (limited to 500 characters including spaces)

Grapevine Faith Christian School has provided a letter dated February 8, 2017 committing to providing the necessary easement on the school property. The letter is included as Attachment C. The city is awaiting survey of the easement to be conducted.

Include the commitment letter and **label as "Attachment (C) - Easement/ Access Agreement"** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**Not Applicable** (The project does not require easements or access agreements.)

- c. Projects proposing to build facilities for pedestrians and bicycles along or through railroad right-of-way must include documentary evidence from the railroad granting a right of entry or an executed encroachment agreement. Has the railroad granted a right of entry or an executed encroachment agreement? (select one)

Yes

When was the agreement executed? (limited to 500 characters including spaces)

DART granted the cities of Grapevine, Colleyville, Hurst, and North Richland Hills a license to construct, install, maintain, and operate a hike and bike trail within the Cotton Belt rail corridor. This agreement was executed on February 2, 2015 and is included as Attachment D.

Provide a copy of the agreement and **label as "Attachment (D) - Railroad Right of Entry Letter/Agreement"** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**No** Describe how and when the agreement will be executed.

Note: The application must include a commitment letter by the railroad that a right of entry or an executed encroachment agreement is under development and will be granted. Applications that check this response and do not include a commitment letter from the railroad will be deemed incomplete. (limited to 500 characters including spaces)

Include the commitment letter and **label as “Attachment (D) - Railroad Right of Entry Letter/Agreement”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**Not Applicable** (The project does not involve facilities along or through railroad right-of-way)

d. Was property acquired in accordance with the Uniform Relocation Assistance and Real Property Acquisition Act? (select one)

**Yes**

**No**

**Not Applicable**

**18. PROJECT READINESS AND OTHER FACTORS**

- a. Complete and attach the Environmental Readiness checklist for all application submittals. Has the Environmental Status checklist been completed?

**Yes [Required]**

**No**

Provide the checklist and supporting materials **labeled as “Attachment (E) - Environmental Checklist and Supporting Documents”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

- b. Is the project planning/initial schematic complete? (select one)

**Yes**

**No**

**Not Applicable**

- c. The design/construction plans for this project are currently: (select one)

**Complete**

**Underway <sup>10</sup> % Complete**

**Not Started**

**Not Applicable**

Describe the status of the project construction plans. (limited to 1,000 characters including spaces)

- d. Is the project associated with improving an existing TxDOT “on-system” roadway, or does a portion of the project intersect or cross an “on-system” roadway? (select one)  
Note: If awarded funding, project sponsors will be responsible for securing a land-use permit from TxDOT prior to construction.

**Yes**

Describe the coordination that has occurred with TxDOT concerning the project and the project engineering/design. Also provide the name and contact information for pertinent TxDOT staff familiar with the project. (limited to 1,500 characters including spaces)

There has been and continues to be coordination with Brian Barth, P.E., Fort Worth District Engineer with trail extensions within the City of Grapevine specifically with regards to this project. For this project, there is a short segment of the trail, 340ft that lies within the TxDOT ROW. TxDOT does support this project as provide in the letter of support by Brian Barth (Attachment F).

Contact Information:

Brian Barth, P.E.  
TxDOT Fort Worth District Engineer  
2502 Southwest Loop 820  
Fort Worth, TX 76133  
(817) 370-6500

Include documentation from the TxDOT District offering consent for the proposed project and **label as “Attachment (F) – TxDOT District Engineer Letter of Consent”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**If yes (above)**, Is the existing “on-system” TxDOT roadway proposed to be taken “off-system”? (select one)

**Yes**, the TxDOT roadway is planned to be taken “off-system”.

**No**, TxDOT roadway will remain “on-system”.

**No** No portion of the project is associated with an existing TxDOT “on-system” roadway.

**19. PROJECTED TIME ESTIMATE**

Estimate the amount of time it will take to complete the project from start to finish, and approximate the time required for each activity. The activities can run concurrently causing the total time to be different from the total of the activities. Please note the earliest availability to start spending TA Set-Aside Program funds is based upon approval of the project in the region's Transportation Improvement Program (TIP) and the Statewide Transportation Improvement Program (STIP), anticipated to be in November/December 2017.

By submitting an application, the nominating entity confirms the project timeline reported is realistic and commits that if this project is selected for funding, an agreement with TxDOT will be executed within one year of project selection and the project will advance to construction within **three** years from selection by the NCTCOG Regional Transportation Council (RTC). If awarded Federal funding, the nominating entity acknowledges they are solely responsible for any cost overruns and future maintenance and operations of the facility.

An agreement will be executed within one year of RTC approval of selected projects in June 2017 (select one):

- Yes [Required]**
- No**

Projected Project Time (in Months) \_\_\_\_\_

Months	Activity
--------	----------

Note: Check "Not Applicable" if the activity is not required for the project.

10	<p><b>Programming Activities</b>  <i>(Executing agreement with TxDOT, hiring consultant, revisions to local budgets, etc.)</i></p>
----	--

**Start date or estimated start date:**  $\frac{06}{MM} / 20 \frac{17}{YY}$

**Date completed or estimated completion date:**  $\frac{03}{MM} / 20 \frac{18}{YY}$

**Additional comments** (limited to 500 characters including spaces)

Once notified of project selection, the City of Grapevine will work to execute an agreement with TxDOT.

7

**Planning/Preliminary Engineering Activities**

*(Planning, schematic and design, cost estimating, etc.)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

**Start date or estimated start date:**  $\frac{12}{MM} / 20 \frac{16}{YY}$

**Date completed or estimated completion date:**  $\frac{06}{MM} / 20 \frac{17}{YY}$

**Additional comments** (limited to 500 characters including spaces)

All Pre-planning, Preliminary Schematic Design, Cost Estimating, and Public Involvement activities and incorporated under a separate contract funded by the City.

**Environmental Clearance**

*(Scoping documents, field studies, preparation of appropriate technical memorandums and National Environmental Policy Act documentation, coordination and review by resource agencies such as Texas Historical Commission, USACE, review and approval by TxDOT, permitting, etc.)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

**Start date or estimated start date:**  $\frac{\quad}{MM} / 20 \frac{\quad}{YY}$

**Date completed or estimated completion date:**  $\frac{\quad}{MM} / 20 \frac{\quad}{YY}$

**Additional comments** (limited to 500 characters including spaces)

**Right-of-Way**

*(Surveying, appraisals, title transfer, clearance)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

Start date or estimated start date: \_\_\_\_ 20\_\_\_\_  
MM/ YY

Date completed or estimated completion date: \_\_\_\_ / 20\_\_\_\_  
MM/ YY

**Additional comments** (limited to 500 characters including spaces)

**Utilities**

*(Identify, utility agreements, relocation)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

Start date or estimated start date: \_\_\_\_ / 20\_\_\_\_  
MM/ YY

Date completed or estimated completion date: \_\_\_\_ / 20\_\_\_\_  
MM/ YY

**Additional comments** (limited to 500 characters including spaces)

All relocation of utilities that are considered necessary for this project will be funded by the city.

13

**Final Design and Preparation of Construction Package**

*(Including review by TxDOT District, Austin Divisions, TDLR, and other agencies, advertising, hiring contractor)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

**Start date or estimated start date:**  $\frac{07}{MM} / 20 \frac{17}{YY}$

**Date completed or estimated completion date:**  $\frac{07}{MM} / 20 \frac{18}{YY}$

**Additional comments** (limited to 500 characters including spaces)

12

**Project Construction**

*(Demolition, construction, inspection, etc.)*

**This activity is proposed to be funded by the TA Set-Aside Program**

Yes     No     Not Applicable

**Start date or estimated start date:**  $\frac{07}{MM} / 20 \frac{18}{YY}$

**Date completed or estimated completion date:**  $\frac{06}{MM} / 20 \frac{19}{YY}$

**Additional comments** (limited to 500 characters including spaces)

Construction itemized costs are incorporated into the budget worksheet.

Other \_\_\_\_\_

This activity is proposed to be funded by the TA Set-Aside Program

Yes     No     Not Applicable

Start date or estimated start date: \_\_\_\_ / 20\_\_\_\_  
MM/ YY

Date completed or estimated completion date: \_\_\_\_ / 20\_\_\_\_  
MM/ YY

Additional comments (limited to 500 characters including spaces)

**20. PROJECT BUDGET SUMMARY**

Complete and attach the Project Budget Workbook for the project(s) from which you are requesting funding.

■ Check here if the Project Budget Workbook has been completed (this is required submittal information)

**Label as “Attachment (G) - Project Budget Summary”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**21. OFFICAL FUNDING RESOLUTION**

Supporting documentation by the nominating entity Governing Body is required to confirm the availability of the local match contribution if TA Set-Aside Program funds are awarded.

Label the supporting documentation by the Nominating Entity Governing Body as **“Attachment (H) - Certification of Local Match and Funding Commitment”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

If a resolution cannot be attained by February 24, 2017, a letter of commitment signed by the Chief Administrator or Elected Official to provide the resolution by April 21, 2017 may be submitted.

**22. MEMORANDUM OF UNDERSTANDING (MOU) OR RESOLUTION OF SUPPORT BY SUPPORTING ENTITY GOVERNING BODY**

The documentation is strongly recommended for other projects located in multiple jurisdictions or applications with supporting entities.

Label attachment as **“Attachment (I) - Support by Supporting Entity Governing Body”** for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

If an MOU or resolution cannot be attained by the February 24, 2017 a letter of commitment signed by the Chief Administrator or Elected Official to provide the resolution by April 21, 2017 may be submitted.

### 23. EVIDENCE OF PUBLIC INVOLVEMENT AND SUPPORT

Provide dates and information about public meetings and events held to discuss the project, or other information documenting the project has community support. (limited to 1,500 characters including spaces)

- City Council & Planning & Zoning Commission Joint public workshop: To discuss Commuter Rail Station/Dallas Road Corridor Study - January 20, 2015
- Grapevine Convention & Visitors Bureau Board of Directors Meeting: TEXRail Update including plan for the corridor – February 19, 2015
- City Council & Planning & Zoning Commission Joint Quarterly Workshop: Discuss strategy for commuter rail station area planning – March 31, 2015.
- City Council & Planning & Zoning Commission Joint public meeting: Craig Melde of ArchiTexas presented Dallas Road/Transit Oriented Development - November 11, 2015
- City Council & Planning & Zoning Commission Joint Quarterly Workshop: To discuss amendments to the comprehensive masterplan/future land use map including the Dallas Road corridor – December 15, 2016.
- City Council & Planning & Zoning Commission Joint public meeting: Presentation of the December 15, 2016, City Council & Planning & Zoning Commission Joint Quarterly Workshop, and discuss new business of the Dallas Road Corridor study – December 20, 2016

Pertinent meeting materials from these discussions, resident survey results with trail satisfaction data, and letters of support for the project are included in Attachment J.

If applicable, include letters of support and other documentary evidence of public interest (not to exceed 10 items) and label as “**Attachment (J) - Evidence of Public Involvement and Support**” for printed copies and electronic copies included on the Nomination CD, USB drive or SD card.

**PROJECT COMMITMENT**

By submitting an application, the nominating entity confirms each of the following items, otherwise the application will be deemed incomplete:

**[Required]**

- The nominating entity commits that the reported project timeline is realistic, and
- The nominating entity commits that if this project is selected for funding, an agreement with TxDOT will be executed within one year of project selection, and
- The nominating entity commits that if this project is selected for funding the project will advance to construction within three years from selection, and
- The nominating entity commits that if this project is selected for funding the project will be implemented as approved by the Regional Transportation Council and as included in the project agreement with TxDOT, and
- The nominating entity acknowledges the Transportation Alternatives Set-Aside Program is not a grant and the funds are provided on a cost reimbursement basis. The nominating entity acknowledges they are solely responsible for any project cost overruns and future maintenance and operations of the facility.

**Nominating Entity**

The Application form must be signed by representative of the Nominating Entity that has signature authority.

Signature 

Printed Name Bruno Rumbelow

Title City Manager

Date 02/23/2017

NCTCOG reserves the right to award partial funding based on project-specific factors.

**RANKING BY NOMINATING ENTITY**

There is no limitation for the number of applications that may be submitted by an eligible entity. However, entities submitting more than one application must rank the projects by priority.

Total number of applications submitted by the Nominating Entity for Active Transportation projects 1

Priority Ranking of this Project: 1 out of 1 (total Active Transportation project applications submitted by the Nominating Entity)

(For example, if three Active Transportation applications are submitted by the Nominating Entity, each project should be ranked by priority 1 out of 3; 2 out of 3; and 3 out of 3; with (1) highest priority and (3) lowest priority.)

**FINAL SUBMISSION DUE DATE FOR ALL DOCUMENTATION**  
**Friday, February 24, 2017 by 5:00 pm CST**

## Project Submittal and Attachment Checklist

Check all that apply and are included in the Nomination package (both hard copy and CD, USB drive or SD card). Items noted as **[Required]** must be checked and included with the application, or the application will be deemed incomplete. **Label each attachment according to the list below.**

- One (1) signed original Application (including attachments) **[Required]**
- Two (2) hard copies of the signed Application (including attachments) **[Required]**
- Attachment (A) Project Information Maps, Plans, and Studies [Required]**
  - Project Location Map (highlight or show other existing and planned linkages to employment centers, schools, transit facilities, or other major destinations)
  - Project Site Plan or Other Project Area Maps
  - Materials such as pictures, exhibits, diagrams, etc. to supplement the project description and explain existing conditions and proposed improvements (if applicable)
  - ADA Transition Plan for Transportation (if applicable)
- Attachment (B) Adopted Plan by Governing Body (if applicable)**
  - Relevant section and pages/maps of the Plan See Attachments B-1 through B-3
- Attachment (C) Easement / Access Agreement (if applicable)**
- Attachment (D) Railroad Right of Entry Letter/Agreement (if applicable)**
- Attachment (E) Environmental Checklist and Supporting Documents [Required]**
- Attachment (F) TxDOT District Engineer Letter of Consent (if applicable)**
- Attachment (G) Project Budget Summary [Required]**
  - Printed Project Budget Summary and Itemized Cost sheets attached to each hard copy submittal
  - One (1) electronic Microsoft Excel file of the Project Budget Summary on the Nomination CD, USB drive or SD card
- Attachment (H) Certification of Local Match and Funding Commitment (resolution or letter) [Required]**
- Attachment (I) Support by Supporting Entity Governing Body (if applicable)**
- Attachment (J) Evidence of Public Involvement and Support (if applicable)**
- Electronic copies of all files on CD, USB drive or SD card: [Required]**
  - PDF of the Application Form and Project Budget Summary with Itemized Cost Sheets
  - PDF of all attachments labeled according to the submittal checklist
  - Microsoft Excel Project Budget Summary and Itemized Cost sheets

Project information GIS files for the project location/area are strongly encouraged to ensure accuracy of project location and scoring. For Nominating Entity organizations in which GIS capabilities are not available and technical assistance is needed, please contact Daniel Snyder at 817-608-2394 or [dsnyder@nctcog.org](mailto:dsnyder@nctcog.org)

- GIS files.** GIS shapefiles for the project location/area are included in a folder labeled as “GIS” on the Nomination CD, USB drive or SD card.

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
DALLAS-FORT WORTH MPO - HIGHWAY PROJECTS  
FY 2018

DISTRICT	MPO	COUNTY	CSJ	HWY	PHASE	CITY	YOE COST		
FORT WORTH	DALLAS-FORT WORTH	TARRANT	0902-90-077	CS	E,ENV,ENG,R,UTL	GRAPEVINE	\$ 1,647,120		
<b>LIMITS FROM</b>	DALLAS ROAD TOD CORRIDOR/COTTON BELT EXTENSION; INTERSECTION OF W DALLAS D AND WILLIAM D TATE AVE					<b>PROJECT SPONSOR</b>	GRAPEVINE		
<b>LIMITS TO</b>	EXISTING LINKS TRAIL AT TEXAN TRAIL ROADWAY					<b>REVISION DATE</b>	11/2017		
<b>PROJECT DESCR</b>	SHARED-USE PATH, PEDESTRIAN, AND SAFETY IMPROVEMENTS					<b>MPO PROJ NUM</b>	40058		
<b>REMARKS</b>	ADD PROJECT TO TIP/STIP P7					<b>FUNDING CAT(S)</b>			
<b>TOTAL PROJECT COST INFORMATION</b>			<b>AUTHORIZED FUNDING BY CATEGORY/SHARE</b>						
<b>PREL ENG</b>	\$ 954,370	<b>COST OF APPROVED PHASES</b>	<b>CATEGORY</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>REGIONAL</b>	<b>LOCAL</b>	<b>LC</b>	<b>TOTAL</b>
<b>ROW PURCH</b>	\$ 692,750		3LC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,317,750	\$ 1,317,750
<b>CONSTR</b>	\$ 8,202,993		9TAP	\$ 263,496	\$ 0	\$ 0	\$ 65,874	\$ 0	\$ 329,370
<b>CONST ENG</b>	\$ 329,370		TOTAL	\$ 263,496	\$ 0	\$ 0	\$ 65,874	\$ 1,317,750	\$ 1,647,120
<b>CONTING</b>	\$ 104,776								
<b>INDIRECT</b>	\$ 0								
<b>BOND FIN</b>	\$ 0								
<b>PT CHG ORD</b>	\$ 0								
<b>TOTAL CST</b>	\$ 10,284,259								

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM  
DALLAS-FORT WORTH MPO - HIGHWAY PROJECTS  
FY 2019

DISTRICT	MPO	COUNTY	CSJ	HWY	PHASE	CITY	YOE COST		
FORT WORTH	DALLAS-FORT WORTH	TARRANT	0902-90-077	CS	C	GRAPEVINE	\$ 8,532,363		
<b>LIMITS FROM</b>	DALLAS ROAD TOD CORRIDOR/COTTON BELT EXTENSION; INTERSECTION OF W DALLAS D AND WILLIAM D TATE AVE						<b>PROJECT SPONSOR</b> GRAPEVINE		
<b>LIMITS TO</b>	EXISTING LINKS TRAIL AT TEXAN TRAIL ROADWAY						<b>REVISION DATE</b> 11/2017		
<b>PROJECT DESCR</b>	SHARED-USE PATH, PEDESTRIAN, AND SAFETY IMPROVEMENTS					<b>MPO PROJ NUM</b> 40058	<b>FUNDING CAT(S)</b>		
<b>REMARKS</b>	ADD PROJECT TO TIP/STIP; LOCAL CONTRIBUTION BY GRAP P7 EVINE			<b>PROJECT HISTORY</b> 2017 TA SET-ASIDE CALL FOR PROJECTS; TOTAL PROJECT FUNDING SPLIT IS 69% FEDERAL/31% LOCAL; FUNDING SHOWN AS 9TAP IN ESTIP PER TXDOT TPP SINCE 9TA IS NOT A FUNDING CATEGORY OPTION IN THE ESTIP					
<b>TOTAL PROJECT COST INFORMATION</b>				<b>AUTHORIZED FUNDING BY CATEGORY/SHARE</b>					
<b>PREL ENG</b>	\$ 954,370	<b>COST OF APPROVED PHASES</b>	<b>CATEGORY</b>	<b>FEDERAL</b>	<b>STATE</b>	<b>REGIONAL</b>	<b>LOCAL</b>	<b>LC</b>	<b>TOTAL</b>
<b>ROW PURCH</b>	\$ 692,750		3LC	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,611,733	\$ 2,611,733
<b>CONSTR</b>	\$ 8,202,993		9TAP	\$ 4,736,504	\$ 0	\$ 0	\$ 1,184,126	\$ 0	\$ 5,920,630
<b>CONST ENG</b>	\$ 329,370		TOTAL	\$ 4,736,504	\$ 0	\$ 0	\$ 1,184,126	\$ 2,611,733	\$ 8,532,363
<b>CONTING</b>	\$ 104,776								
<b>INDIRECT</b>	\$ 0								
<b>BOND FIN</b>	\$ 0								
<b>PT CHG ORD</b>	\$ 0								
<b>TOTAL CST</b>	\$ 10,284,259								



**Photo 1: View looking west near the intersection of W. Dallas Road and William D. Tate Avenue (Ball Street). The vegetation within the existing ROW is classified as Urban per the TESCP/EMST Mapper. Site reconnaissance shows maintained vegetation within ROW. A paved trail/sidewalk is proposed at this location.**



**Photo 2: View looking east at W. Dallas Road from its intersection with William D. Tate Avenue (Ball Street). The vegetation within the existing ROW is classified as Urban per the TESCP/EMST Mapper. Site reconnaissance shows maintained vegetation within ROW. A paved trail/sidewalk is proposed at this location.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077



**Photo 3: View looking east at W. Dallas Road from its intersection with Ira E. Wood Avenue. The vegetation within the existing ROW is classified as Urban per the TЕСP/EMST Mapper. Site reconnaissance shows maintained vegetation within ROW. Paved trail/sidewalk and roadway median are proposed at this location.**



**Photo 4: View looking west at the intersection of W. Dallas Road and Main Street. The vegetation within the existing ROW is classified as Urban per the TЕСP/EMST Mapper. Site reconnaissance shows maintained vegetation within ROW.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077



**Photo 5: View looking east at W. Dallas Road near its intersection with Jean Street. The vegetation within the existing ROW is classified as Urban per the TЕСP/EMST Mapper. Site reconnaissance shows maintained vegetation within ROW. Paved trail/sidewalk and roadway median are proposed at this location.**



**Photo 6: View looking west at the intersection of W. Dallas Road and S. Dooley Street. The TЕСP/EMST Mapper classifies the roadway and maintained vegetation within the ROW as Urban. Site reconnaissance shows maintained vegetation within ROW. Paved trail/sidewalk and roadway median are proposed at this location.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077



**Photo 7: View looking south at S. Dooley Street. The TЕСP/EMST Mapper classifies the roadway and maintained vegetation within the ROW as Urban. Site reconnaissance shows maintained vegetation within ROW. A paved trail/sidewalk is proposed at this location.**



**Photo 8: View looking west at the upland drainage culvert within the existing ROW located north of the DART/FWWR railroad track and just south of the Faith Christian School. The TЕСP/EMST Mapper classifies the existing ROW as Urban. Site reconnaissance shows maintained and unmaintained vegetation within ROW. A paved trail and retaining wall are proposed at this location.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077



**Photo 9: View looking west at the existing ROW located north of the DART/FWWR railroad track and west of Texan Trail. The TЕСP/EMST Mapper classifies the existing ROW as Urban. Site reconnaissance shows maintained and unmaintained vegetation within ROW. A paved trail is proposed at this location.**



**Photo 10: View looking west at the existing ROW located west of Texan Trail. The TЕСP/EMST Mapper classifies the maintained vegetation within the ROW as Urban. Site reconnaissance shows maintained vegetation within ROW. A paved trail is proposed at this location.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077



**Photo 11: View looking north at the existing ROW located west of Texan Trail. The TЕСP/EMST Mapper classifies the roadway and maintained vegetation within the ROW as Urban. Site reconnaissance shows maintained vegetation within ROW. Paved trail and retaining wall are proposed at this location.**



**Photo 12: View looking north at the existing Links Trail located north of the proposed project and west of Texan Trail. This area is located outside the proposed project.**

**PROJECT AREA PHOTOGRAPHS**

DALLAS ROAD TOD CORRIDOR/  
COTTON BELT EXTENSION  
Intersection of W. Dallas Road  
and William D. Tate Avenue  
to the existing Links Trail at  
Texan Trail Roadway  
Grapevine, Tarrant County, Texas

CSJ: 0902-90-077