



  
**TxDOT**CONNECT  
Reference Guide  
Engineer's Estimate

v2.0.3



## Table of Contents

1.	Introduction .....	5
1.1.	Purpose of this Document .....	5
1.2.	Reference Guide Key .....	5
1.3.	Feature Key .....	5
2.	Login Screen.....	7
2.1.	Sign In .....	7
2.2.	Forgotten Passwords .....	7
2.3.	Idle Session Security Timeout .....	7
2.4.	Extended Session Security Logout.....	7
3.	Home Page .....	8
3.1.	Top Menu Bar .....	8
3.2.	My Tasks .....	9
3.3.	My Group List .....	10
3.4.	Task Assignment .....	10
4.	Tools Menu .....	11
4.1.	Help .....	11
4.2.	Reporting .....	12
4.3.	Bulk Upload .....	15
4.4.	Profile .....	15
5.	Project Search .....	16
5.1.	Search Feature.....	16
5.2.	Search Results .....	17
5.3.	Search Results Column Headers .....	17
5.4.	Select Project .....	17
5.5.	Create Project.....	17
6.	Copy & Save Project.....	18
6.1.	Copy without Engineer's Estimate .....	18
6.2.	Copy Engineer's Estimate to Existing Project.....	19
6.3.	Save Project.....	19
7.	Project Header.....	20
7.1.	*Project ID.....	20
7.2.	*Project Name.....	20
7.3.	*Project Stage.....	20
7.4.	*Project Status.....	21
7.5.	*Project Type.....	21



7.6.	*Project Subtype.....	22
7.7.	*District .....	22
7.8.	*County.....	22
7.9.	*Highway .....	22
7.10.	*Control Section.....	22
7.11.	Construction Estimate .....	22
7.12.	*Estimated Let Date .....	22
8.	Engineer’s Estimate Page.....	23
8.1.	Engineer’s Estimate Page Sections .....	23
8.2.	Design .....	24
8.3.	Details.....	26
8.4.	Estimate.....	27
8.5.	A+B.....	32
8.6.	Created By & Created Date .....	32
9.	Specifications List.....	33
9.1.	Specifications List Page Sections .....	33
9.2.	Standard Specifications.....	34
9.3.	Special Specifications.....	34
9.4.	Special Provisions .....	35
9.5.	000 Provisions .....	35
10.	Sealing & Summary Page .....	36
10.1.	Seal Table .....	36
10.2.	Seal Button .....	37
11.	Resources Page.....	38
11.1.	Resources Page Sections .....	38
11.2.	Project Managers .....	39
11.3.	Resources.....	39
11.4.	External Resources Assignment.....	40
11.5.	Local Government.....	41
12.	Bid Item Request Management .....	42
12.1.	Workflow, Forms, & Templates .....	42
12.2.	Workflow Status .....	42
12.3.	Forms .....	42
12.4.	Bid Codes (Only) Request .....	43
12.5.	Bid Item Request: One Time Use .....	43
12.6.	Bid Item Request Workflow .....	44
12.7.	Administrative.....	45



12.8.	Forms Search .....	45
12.9.	Forms Search Feature .....	45
12.10.	Forms Search Results.....	46
12.11.	Create Bid Items Request.....	47
12.12.	Test Procedure .....	47
12.13.	Bid Item Request: Statewide Use.....	48
12.14.	Bid Item Request: Districtwide Use.....	48
12.15.	Departmental Materials Specifications (DMS).....	49
12.16.	Bid Item Request Workflow .....	50
13.	Letting Module: Contract Inquiry Search .....	51
13.1.	Contract Inquiry Search .....	51
13.2.	Actual Let Date Search Feature .....	51
13.3.	Search Results .....	52
14.	Revision History.....	53

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# 1. Introduction



## 1.1. Purpose of this Document

**TxDOTCONNECT** is an information technology solution to automate the delivery of TxDOT's transportation programs, Projects, and right of way. It will replace the functionality from up to 40 Engineering Operations systems. It impacts both internal and external stakeholders to the agency. This includes individuals who use legacy systems to input data regarding TxDOT projects, as well as those individuals that rely on that information for decision-making purposes.

This document is a guide to navigating the Engineer's Estimate functionality within **TxDOTCONNECT** and performing tasks according to security roles.





## 1.2. Reference Guide Key







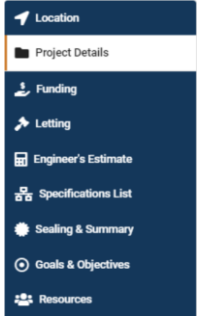
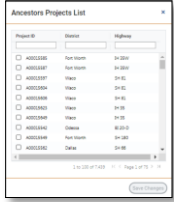



This reference guide uses symbols and color to emphasize certain points. These are described below.

 <b>Tips</b> This symbol identifies tips and benefits.	<b>1. Ordered Lists</b> Processes are presented with blue numbers.
 <b>Important</b> This symbol indicates an important note that should be read carefully.	<b>• Unordered Lists</b> Lists are presented with blue bullets.
<b>* Red Stars</b> Required fields are identified with a red star (*). These fields must be completed in a new project before saving a project.	<b>Bold Text</b> Where possible, buttons and fields are identified with images of the button or field. Otherwise, they're identified with bold text.

## 1.3. Feature Key

TxDOTCONNECT contains several types of buttons and fields. These are described below.

Feature	Example	Description
Button		An interactive part of the screen that provides quick and basic functions. It is usually labeled with its purpose.
Add from List		A button that allows the user to select one or more options from a Pop-Up Window.
Check Box		A small box that, when selected, enables or selects a certain feature.
Date Picker		A button that allows the user to select any date from any year.


Drop-Down Menu		A field that allows the user to select from predefined values. It also allows typing to skip to a specific value.
Expand/Collapse		A button that, when clicked, expands  or collapses  a section of a page.
Field		An interactive part of the screen where any value may be typed. Remember to follow the guidelines for the applicable business area.
Icon		An image, usually a clickable button, that represents a specific entity.
Left Navigation Menu		A menu that appears to the left of all project pages. Click an option to display that page. The menu also expands to show all available sections on the selected page.
Pop-Up Window		A small screen that displays information relevant to an area being edited or viewed. The popup window remains on the screen until an action has been completed.
Page		The full screen of detailed information displayed after a project or page option has been selected. These are often divided into multiple selections.
Radio Button		A small, interactive button that allows the user to select from one of a few options.
Section		A part of a page that contains information specific to a certain topic or area. These are clearly titled, with the ability to expand or collapse.

## 2. Login Screen

The login screen is the first screen that appears when accessing the TxDOTCONNECT web address.

### 2.1. Sign In

Internal users can sign in with their TxDOT credentials.

1. Navigate to TxDOTCONNECT in the internet browser.
2. Enter your TxDOT **User Name** in the Username field.
3. Enter your TxDOT **Password** in the Password field.
4. Click .



TxDOTCONNECT works best in **Google Chrome** for most purposes but will also function in Internet Explorer 11 and FireFox.

### 2.2. Forgotten Passwords

If you have issues logging in to TxDOTCONNECT, contact the help desk at **(512) 302-HELP (4357)** or open a **TxDOTNow ticket** using the link on the screen.

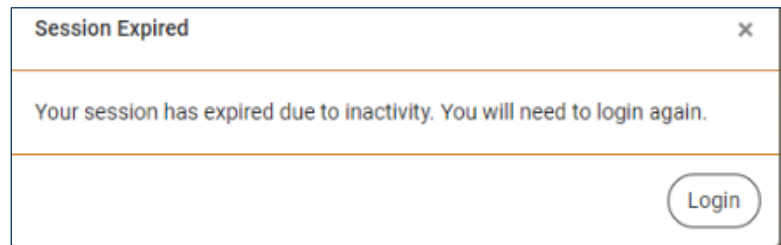


Requesting a password reset for the application resets the network password.

### 2.3. Idle Session Security Timeout

For security purposes, once a session in TxDOTCONNECT is idle for 20 minutes, the system logs you out.

The **Session Expired** message appears.



### 2.4. Extended Session Security Logout

For security purposes:


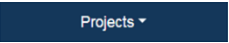
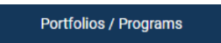
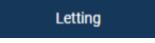
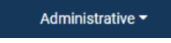
If a session in TxDOTCONNECT has lasted longer than four hours, TxDOTCONNECT will log the user out and require the user to log back into TxDOTCONNECT, before continuing to work.

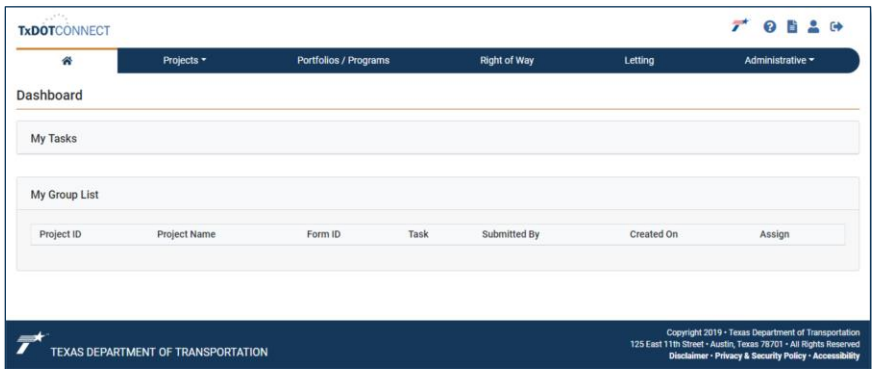
## 3. Home Page

The TxDOTCONNECT **Home Page** contains the **Top Menu Bar** and the **Dashboard**, which includes **My Tasks** and **My Group List**.

### 3.1. Top Menu Bar

The **Top Menu Bar** appears at the top of every page, and includes these features:

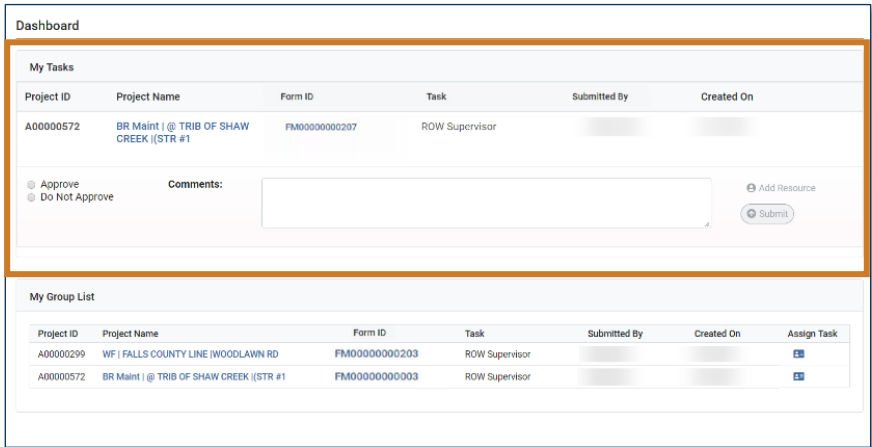
- Click  on any page to return to the **Home Page**.
- Click  to [search for a project](#).
- Click  to review Planning Targets. For more information, refer to the **Project Development Reference Guide**.
- Click  to perform a [Contract Inquiry](#).
- Click  to [manage bid item requests](#).



### 3.2. My Tasks

**My Tasks** contains information if a task is assigned in TxDOTCONNECT. Tasks include review and approval of decisions for workflow items, such as Bid Item Requests. You can review and respond to the request within My Tasks.

This section displays the following information:



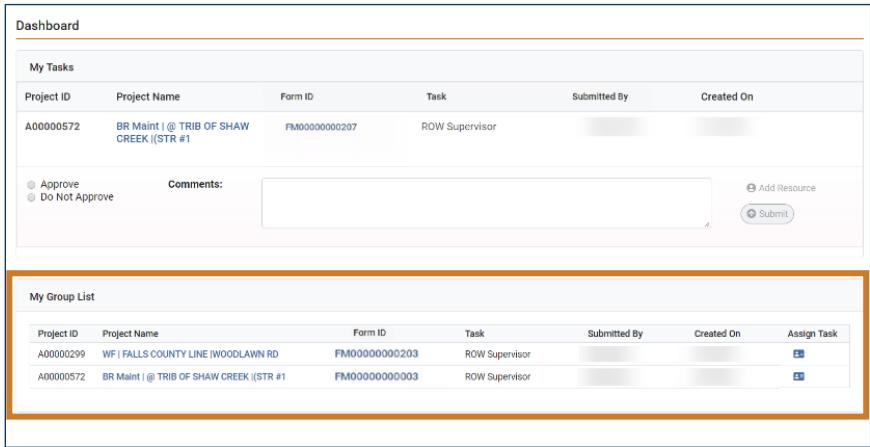
Field	Description
<b>Project ID</b>	The project identifier for which the request was submitted.
<b>Project Name</b>	The project name for which the request was submitted. Click the project name to navigate to the project.
<b>Form ID</b>	The unique form identifier for the request.
<b>Task</b>	The name of the task (example: Resources – ROW) being requested.
<b>Submitted By</b>	The person who submitted the request.
<b>Created On</b>	The date the request was submitted.
<b>Response Selection</b> <input checked="" type="radio"/> Approve <input type="radio"/> Return <input type="radio"/> Do Not Approve	Radio buttons for response selection. <ul style="list-style-type: none"> <li>• <b>Approve</b> – the request will be approved and move forward in the workflow.</li> <li>• <b>Return</b> – the request will be returned to the submitter to make changes and resubmit. Note: Resource Requests do not include this option.</li> <li>• <b>Do Not Approve</b> – the request will be canceled and will not move forward in the workflow.</li> </ul>
<b>*Comments</b>	This field is intended for comments to clarify the response. This field is required if <b>Return</b> or <b>Do Not Approve</b> are selected.
	Click  to submit the response and finalize the request.

### 3.3. My Group List

My Group List allows supervisors and coordinators to assign tasks to individuals within their workgroup. The individual to whom the task is assigned will then see the task in their My Tasks list.



If a workflow item is routed to a single individual, it will bypass the My Group list and go directly to the individual's My Tasks list.



This section displays the following information:

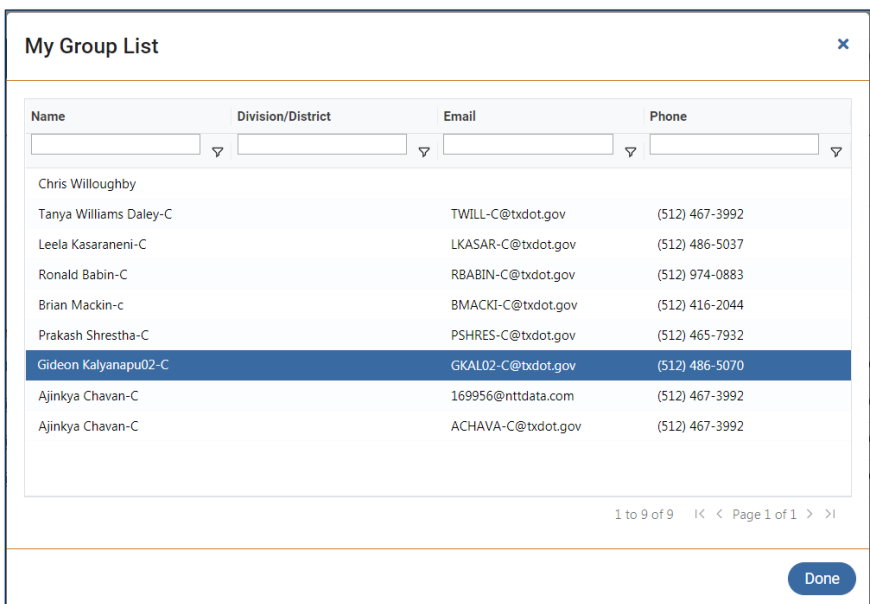
Field	Description
<b>Project ID</b>	The project identifier for which the request was submitted.
<b>Project Name</b>	The project name for which the request was submitted. Click the project name to navigate to the project.
<b>Task</b>	The name of the task being requested.
<b>Submitted By</b>	The person who submitted the request.
<b>Created On</b>	The date the request was submitted.
<b>Assign Task</b>	Click  to select a team member to assign the request.

### 3.4. Task Assignment

Click on a task in My Group List to open the Task Assignment window.

1. Use the column headers to filter or sort the list of available resources.
2. Select an individual to whom to assign the task.
3. Click **Done** to complete the assignment.

The task will disappear from the My Group List section of the Dashboard, and the selected individual will now see the task in My Tasks.









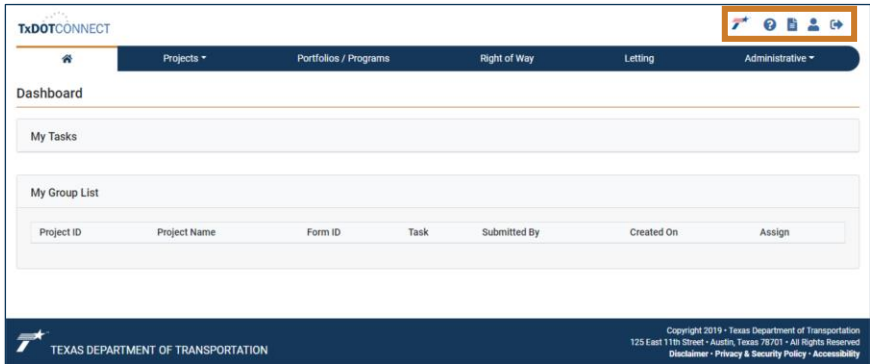
## 4. Tools Menu

The **Tools Menu** appears in the upper right corner of every page in TxDOTCONNECT.



The Tools Menu consists of the following features:

- Click  to navigate to [www.txdot.gov](http://www.txdot.gov).
- Click  to access **Help** for any page in TxDOTCONNECT.
- Click  to access the **Reporting** feature.
- Click  to access the **Bulk Upload** feature (available for certain roles only).
- Click  to access the **Profile** page.
- Click  to **Log Out** of TxDOTCONNECT.




Some roles have access to the Bulk Upload feature. For more information, see the **Project Development Reference Guide**.



These and other buttons in TxDOTCONNECT have **Tool Tips** available. Hover over them to read a reminder of their function.

### 4.1. Help

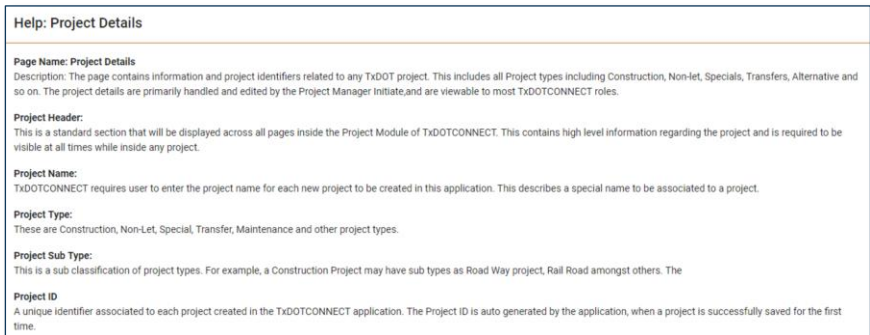
The **Help Page** displays information about the sections and fields on the current page. Click  to open the Help page.



Help opens in a separate browser window, to prevent replacing the current page.




Sections and fields are described in the order they appear on the page in question, not in alphabetical order.



## 4.2. Reporting

The Reporting Page allows you to access and run automated reports.

1. Click  to open the Reporting Page.
2. Double-click the **root** folder (if it is not already open).
3. Double-click the **Reports** folder (if it is not already open) to display the Report Categories.
4. Select the desired **Report Category**.
5. Select the desired **Report Name**.




The **Report Options** window will open.



6. Select the search criteria.

Depending on the report type, there may be multiple search criteria available.

There are several buttons on the **Report Options** window:



- Click  **Select All** to select all values in the list.
- Click  **Deselect All** to de-select all values in the list.
- Click  **Invert** to select all values *except* the current selections.
- If the list of search criteria is too long to fit in the window, click the = symbol underneath these buttons, then drag to resize the list of criteria.


-  To select all but a few values, click  **Select All**, then de-select the ones that are not needed.

Reporting		
	Name	Description
root		
Reports		
Project Reports	Engineer's Estimate to Axiom - Excel Export	Yesterday
Engineer's Estimate Rec.	Engineer's Estimate to Axiom - PDF Export	Yesterday
Reports for Performance	Estimates and Quantity Report	Today
Reports from PRGO	Estimates and Quantity Report_E_Rec	08/12/2019
Scheduled Reports	Estimates and Quantity Report_E_Rec_2	08/13/2019
TRP Reports	Estimates and Quantity Report_E_Rec_3	Yesterday
	Estimates and Quantity Report_E_Rec_4	Today
	Estimates and Quantity Report_Sample	08/05/2019
	Specifications List Report	08/14/2019

Name
Engineer's Estimate to Axiom - Excel Export
Engineer's Estimate to Axiom - PDF Export
Estimates and Quantity Report
Estimates and Quantity Report_E_Rec
Estimates and Quantity Report_E_Rec_2
Estimates and Quantity Report_E_Rec_3
Estimates and Quantity Report_E_Rec_4
Estimates and Quantity Report_Sample
Specifications List Report




\* Controlling Project ID  
0015-08-124

ControlSectionJob  
Available: 2 Selected: 1

Search list... 

0015-08-124

0015-13-011


 Select All  Deselect All  Invert


OK Reset Cancel




There are multiple criteria depending on the Report type. Make sure you complete all criteria with an asterisk (\*).

\* District  
Available: 25 Selected: 3

 Abilene

 Amarillo

 Atlanta



To review all the criteria you have selected, click the **Selected** tab in the Report Options window.



- Click **OK** to generate the report based on the current criteria.
- Click **Reset** to remove all criteria selections.
- Click **Cancel** to cancel the report selection.

Once the selections are complete,

7. Click **OK**.

The report will display.

\* Controlling Project ID  
0015-08-124

ControlSectionJob  
Available: 2 Selected: 1

Search list... Q

0015-08-124  
0015-13-011


✓ Select All X Deselect All Invert

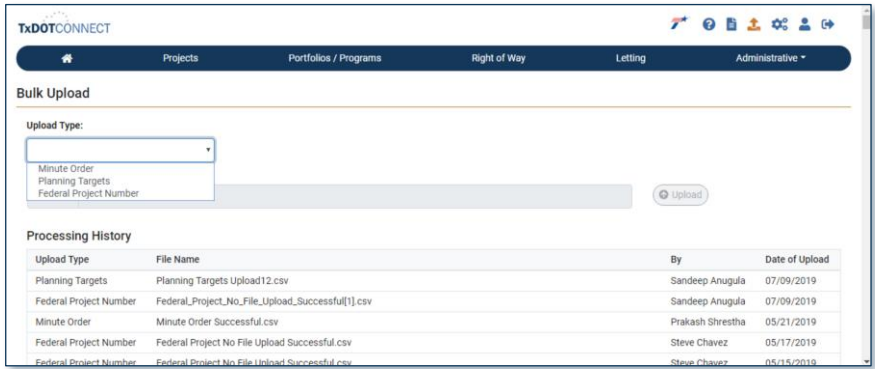
OK Reset Cancel



### 4.3. Bulk Upload

The **Bulk Upload** feature allows users with certain roles to update data on many projects at once by uploading a single spreadsheet.

Click  **Bulk Upload** in the Tools Menu to navigate to the **Bulk Upload** Page.




For more information on the Bulk Upload feature, see **Bulk Upload** in the **Project Development Reference Guide**.

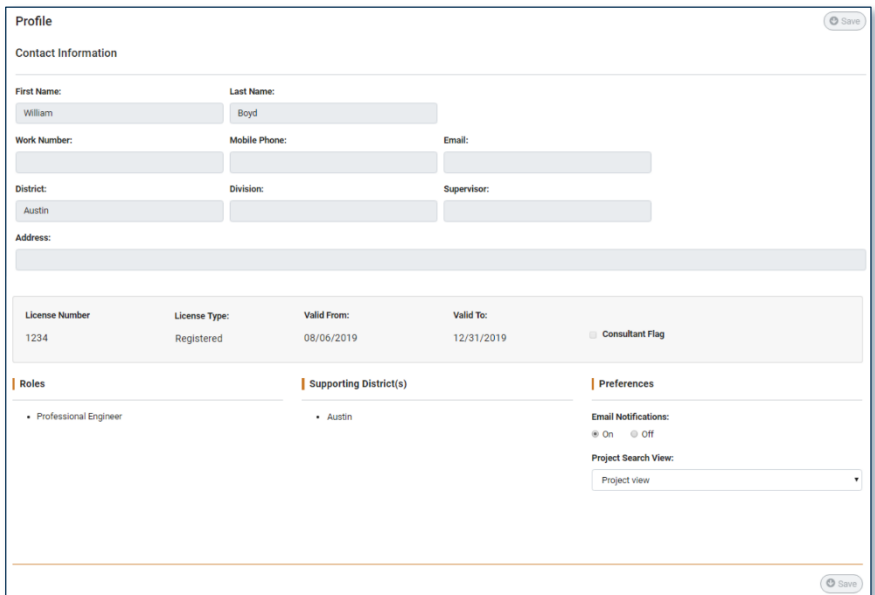
### 4.4. Profile

The **Profile** page contains the following information:

- **Contact Information** – this information is populated from the TxDOT Active Directory.
- **Roles** – this lists the assigned security role (or roles).
- **Supporting District(s)** – the assigned district. Division staff may support multiple districts.
- **Preferences** – adjust settings for **Email Notifications** (on or off) and **Search View**.



Click  to save changes to preferences.



To change or add a Security Role, contact **TxDOTNOW (512) 302-HELP (4357)** or open a **TxDOTNow ticket**.



**Professional Engineers** and **Professional Engineer-Consultants** must update their current license by contacting the help desk at **(512) 302-HELP (4357)** or opening a **TxDOTNow Ticket**.

## 5. Project Search

The **Project** tab in the Top Menu Bar leads to the **Project Search** page.



This page differs depending on whether the user is a district or a division employee.

- **District staff** will see *active* (not *all*) projects in their district by default.
- **Design Coordinators**, other **Division Staff**, **MPOs** and **FHWA** will see no projects until they perform a search.
- **External Consultants** will see no projects until they perform a search and will be able to find only those projects to which they have been invited.

There are two parts on this page:

- The **Search** feature
- The **Search Results**

Project Search

Select [ ] Select [ ] Select [ ] Search

Project ID	Controlling Project ID	Control Section	CSJ	Project Type	Project Subtype	District / Division	County	Federal Project Number
A0006278	0015-13-377	0015-13	0015-13-374	Construction	Roadway	Austin - 14	Travis	
A0006342	0015-08-114	0015-08	0015-08-114	Construction	Roadway	Austin - 14	Williamson	
A0006347	0015-13-377	0015-13	0015-13-377	Construction	Roadway	Austin - 14	Travis	
A0006348	0015-13-378	0015-13	0015-13-378	Construction	Roadway	Austin - 14	Travis	NHX 2016(108)
A0006349	0015-13-379	0015-13	0015-13-379	Construction	Roadway	Austin - 14	Travis	STP 1502(521)MM
A0006350	0015-13-380	0015-13	0015-13-380	Construction	Roadway	Austin - 14	Travis	NHX 1602(149)
A0006352	0015-13-382	0015-13	0015-13-382	Construction	Roadway	Austin - 14	Travis	NHX 1702(650)
A0006354	0015-13-379	0015-13	0015-13-384	Construction	Roadway	Austin - 14	Travis	STP 1502(632)HES

### 5.1. Search Feature

To search for a specific project,

1. Use the **Select** drop-down menu to select search criteria.
2. Enter a search term.
3. Click **Search**.

The **Search Results** will appear.

Project Search

Select [ ] Select [ ] Select [ ] Search

- Select
- Project ID
- Controlling Project ID
- Control Section
- CSJ
- Project Type
- Project Subtype
- District / Division
- District / Division Number
- County
- Federal Project Number
- State Project Number
- Highway
- Assigned To
- Project Status**
- Project Stage
- Project Classification
- Let Schedule Fiscal Year

Project ID	Control Section	CSJ	Project Type	Project Subtype	District / Division	County	Federal Project Number
	0015-13	0015-13-374	Construction	Roadway	Austin - 14	Travis	
	0015-08	0015-08-114	Construction	Roadway	Austin - 14	Williamson	
	0015-13	0015-13-377	Construction	Roadway	Austin - 14	Travis	
	0015-13	0015-13-378	Construction	Roadway	Austin - 14	Travis	NHX 2016(108)
	0015-13	0015-13-379	Construction	Roadway	Austin - 14	Travis	STP 1502(521)MM
	0015-13	0015-13-380	Construction	Roadway	Austin - 14	Travis	NHX 1602(149)
	0015-13	0015-13-382	Construction	Roadway	Austin - 14	Travis	NHX 1702(650)
	0015-13	0015-13-384	Construction	Roadway	Austin - 14	Travis	STP 1502(632)HES



Up to three search criteria can be selected, and up to three search terms entered.



If no projects match the search criteria, the message below will display:

**No projects available to display for your search criteria.**





Not finding what you're looking for? Remember these tips:

- Is the project closed? Select **Project Status** in the Search Criteria and type "Closed."
- Was the project created in DCIS? Select **Project Subtype** in the Search Criteria and type "Legacy."
- Is the project in a different district? Select **District/Division** in the Search Criteria and type the district's name.
- **Remember:** You can search by partial information – there is no need for a "wildcard" character.

## 5.2. Search Results

Project ID	Controlling Project ID	Control Section	CSJ	Project Type	Project Subtype	District / Division	County	Federal Project Number	Highway	Assigned To	Project Status	Project Stage	Project Classification	Let Schedule Fiscal Year	Date Created

- Click a column header to **sort** search results by the data in that column. Click again to reverse the order.
  - Type into one or more of the column header fields to **filter** search results by the data in that column.
-  TxDOTCONNECT filters the results as you type to include only search results that contain matching data.
-  If no projects match the filter criteria, the message “No results found.” will display.

## 5.3. Search Results Column Headers

The current list of search column headers for **Project View** appears below.

- |                          |                          |                            |                                 |
|--------------------------|--------------------------|----------------------------|---------------------------------|
| • Project ID             | • District/Division      | • Project Status           | <b>*Only if used to search:</b> |
| • Controlling Project ID | • County                 | • Project Stage            | • Limits To                     |
| • Control Section        | • Federal Project Number | • Project Classification   | • Limits From                   |
| • CSJ                    | • State Project Number   | • Let Schedule Fiscal Year | • Estimated Let Date            |
| • Project Type           | • Highway                | • Date Created             |                                 |
| • Project Subtype        | • Assigned To            | • ROW CSJ                  |                                 |

## 5.4. Select Project

- Click a project once to highlight it.
- Double-click a project to open it.

## 5.5. Create Project

If your Security Role allows you to create a project, see **Create Project** in the **Project Development Reference Guide** for instructions.

## 6. Copy & Save Project

At the top of every page, above the Project Header, there are two buttons: **Copy** and **Save Project**.

* Project ID:	A00006358	* Project Name:	IH 35 from US 290E to US 290W/SH71				
* Project Type:	Construction	* Project Subtype:	Roadway				
* Project Stage:	PE	* Project Status:	Active				
* District / Division:	Austin - 14	* County:	Travis	* Highway:	IH 35	* Control Section:	0015-13
Construction Estimate	\$4,900,000,000.00	* Estimated Let Date:	08/2025	Controlling Project ID:	0015-13-388	Control Section Job:	0015-13-388

### 6.1. Copy without Engineer's Estimate

This feature copies all project information to a new project.

To complete this process,

1. Click **Copy**.
2. Select **Copy without Engineer's Estimate**.
3. Type a unique Project Name.
4. Click **Copy**.

Copy Project

Project Name: [Project Name]

Cancel Copy



The new project will be created with:

- A unique **Project ID**
- A unique **Project Name**
- All **Funding lines** (but the status of all funding lines will be cleared)





The following information will **not** copy over:

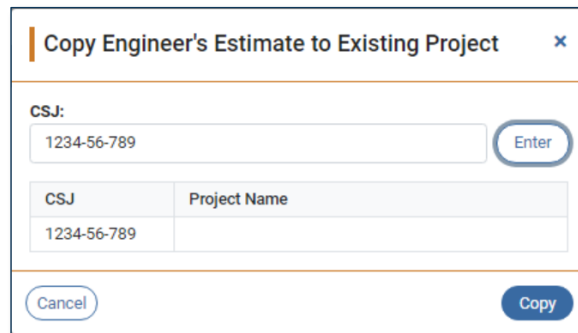
- Project Identifiers
  - The CSJ will populate once the new project is saved.
  - The CCSJ will be set as the new project's CSJ.
- Proposed Bridge Assets
- Statewide Transportation Improvement Programs
- Ancestors & Descendants
- All information on the Letting Page.
- All forms submitted to workflow.

## 6.2. Copy Engineer's Estimate to Existing Project

This feature copies the Engineer's Estimate to an **existing** project.

To complete this process,

1. Click  Copy ▾
2. Select **Copy Engineer's Estimate to Existing Project**.
3. Type a **known** CSJ.
4. Click 



CSJ	Project Name
1234-56-789	

The CSJ and Project Name will populate to validate the CSJ entered.

5. Click 

The engineer's estimate of the current project will be copied to the referenced existing project.




If an Engineer's Estimate has already been entered in the referenced project, it will be **replaced**.

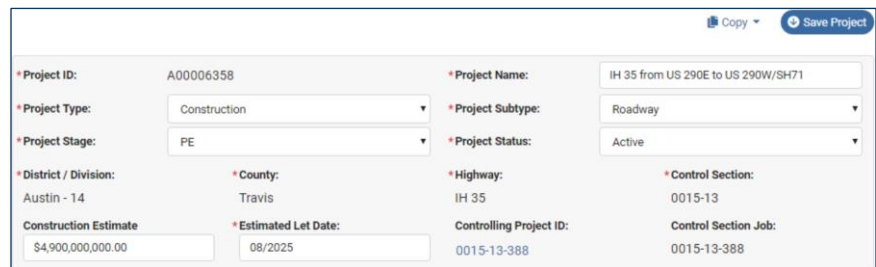


Bridge items, Quantities, and Plan Set Location will not be copied.

## 6.3. Save Project

Anytime a project is created or updated in TxDOTCONNECT,  must be clicked for changes to be saved in the system and retrieved later.

If any required fields have been left blank, or if there are any potential errors, TxDOTCONNECT will display a detailed error message describing the requirements.



## 7. Project Header

The **Project Header** appears at the top of every Project page. It contains critical, high-level project information.

The header contains the fields described below:

Project ID:	A00006347	Project Name:	IH 35 from RIVERSIDE DRIVE to MLK
Project Type:	Construction	Project Subtype:	Roadway
Project Stage:	Construction	*Project Status:	Active
District / Division:	Austin - 14	County:	Travis
Construction Estimate:	\$2,377,216.98	Highway:	IH 35
Estimated Let Date:	06/2017	Control Section:	0015-13
		Controlling Project ID:	0015-13-377
		Control Section Job:	0015-13-377

Field	Description	
7.1. *Project ID	The unique primary identifier. This field is populated the first time the project is saved.	
7.2. *Project Name	Each project requires a unique name. Recommended format: [Highway Number] [Limit From] [Limit To] or [Year Seal Coat] [Highway]	
7.3. *Project Stage	This indicates where the project is in its lifecycle. The possible values depend upon the <b>Project Type</b> .	
<b>Construction Project Type</b>	<b>Initiate</b>	Indicates a project is in the conceptual stage. No funding is assigned to the project.
	<b>Planning</b>	Indicates internal resources are working to develop the project scope. No external vendors are assigned to the project.
	<b>Preliminary Engineering (PE)</b>	Indicates preliminary studies for a project have begun, including environmental, surveys, geotechnical studies, hydrologic/hydraulic analysis, traffic studies, etc.
	<b>Plans, Specifications, &amp; Estimates (PS&amp;E)</b>	Indicates resources are working on development and approval of engineering plans, specifications and estimates in preparation for letting.
	<b>Ready to Let</b>	Indicates the project meets agency criteria for letting process.
	<b>Letting</b>	Indicates the project has been advertised for letting and is progressing through the letting process.
	<b>Construction</b>	Indicates a project has been let, awarded and is ready for construction to begin.
	<b>Closed</b>	Indicates deliverables and final reconciliation processes are complete for project.
	<b>Canceled</b>	Indicates termination of a project prior to its completion.



<b>All Other Project Types</b>	<b>Initiate</b>	Indicates a project is in the conceptual stage. No funding is assigned to the project.
	<b>Planning</b>	Indicates internal resources are working to develop the project scope. No external vendors are assigned to the project.
	<b>Executing</b>	Indicates internal or external resources have been assigned to deliver the project scope.
	<b>Closed</b>	Indicates deliverables and final reconciliation processes are complete for project.
	<b>Canceled</b>	Indicates termination of a project prior to its completion.
7.4. *Project Status	This indicates whether the project is currently being worked to develop or execute.	
	<b>Active</b>	Indicates that the project is in progress.
	<b>Inactive</b>	Indicates the FHWA guidelines of Inactive projects.
	<b>Paused</b>	Indicates that TxDOT has temporarily stopped work on the projects.
	<b>Closed</b>	Indicates deliverables and final reconciliation processes are complete for project.
	<b>Canceled</b>	Indicates termination of a project prior to its completion.
	<b>Reopened</b>	Indicates a closed or cancelled project that has been reopened to allow for additional financial reconciliation to be performed.



- A Closed **Status** will automatically populate a Closed **Stage**.
- A Canceled **Status** will automatically populate a Canceled **Stage**.
- If a controlling project is canceled, all its subordinate projects will be canceled. To cancel a subordinate project, it must first be disassociated from the controlling project. For more information, see [Associate/Disassociate Projects](#) in the **Project Development Reference Guide**.

7.5. *Project Type	<p>The Project Type determines the options for Project Subtype, Project Stage, Project Status, Left Navigation Menu, and sections of the Letting Page.</p> <ul style="list-style-type: none"> <li>• Construction</li> <li>• Non-Let</li> <li>• Alternative Delivery</li> <li>• Transfer</li> <li>• Feasibility Study</li> </ul>
--------------------	---



Be careful when changing the Project Type! If the Project Type is changed on a project that already has a completed Engineer's Estimate, the Engineer's Estimate **will be removed** when the project is saved. If the Project Type is later changed back to its original selection, the Engineer's Estimate **will not be restored**.



7.6. *Project Subtype	This value further defines the type of work that will be done or how the project will be delivered. The options for this field are dependent upon the Project Type, and include:
<b>Construction</b>	<ul style="list-style-type: none"> <li>• Roadway</li> <li>• Rail</li> <li>• Rail-Safety</li> <li>• Ferry Boat</li> <li>• Public Transportation Network</li> <li>• Safety Rest Area</li> <li>• Bridge</li> <li>• Local Let</li> </ul>
<b>Non-Let</b>	<ul style="list-style-type: none"> <li>• Roadway</li> <li>• Rail</li> <li>• Rail-Safety</li> <li>• Non Roadway</li> <li>• Local</li> <li>• Bridge</li> <li>• Public Transportation Network</li> <li>• Change Order</li> </ul>
<b>Alternative Delivery</b>	<ul style="list-style-type: none"> <li>• Design Build</li> <li>• Design Build Maintain</li> <li>• Design Build Operate Maintain</li> <li>• Design Build Finance</li> <li>• Design Build Finance Operate Maintain</li> </ul>
<b>Transfer</b>	<ul style="list-style-type: none"> <li>• Transfer</li> </ul>
<b>Feasibility Study</b>	<ul style="list-style-type: none"> <li>• Roadway</li> <li>• Rail</li> </ul>
7.7. *District	Name and district number of the District where the project is assigned based on funding. When the project is created, this value defaults to the District assigned to the project creator.
7.8. *County	Name of the County where the project is located.
7.9. *Highway	This represents the Highway designation and number requiring work within the project
7.10. *Control Section	This identifies a particular section of highway.
7.11. Construction Estimate	The most recent estimated cost of construction on the project.
7.12. *Estimated Let Date	The District's estimate for when the project will let. This may change over time.

## 8. Engineer's Estimate Page

The Engineer's Estimate page displays the detail information regarding the project's estimate. It can only be edited by individuals with the following security roles:

- Professional Engineer
- Professional Engineer-Consultant
- Engineer Estimate Coordinator
- Engineer Estimate Coordinator - Consultant
- Design Coordinator

This page is always visible, but only editable when the project stage is **Preliminary Engineering; Plans, Specifications, & Estimates**; or **Ready to Let**. If not, this message will display at the top of the screen.

 To access the Engineer's Estimate, the project stage must be Preliminary Engineering, Plans Specifications & Estimate Development, or Ready To Let 

### 8.1. Engineer's Estimate Page Sections

The **Engineer's Estimate** page is arranged in four sections.



**Design**

Design Standard:   TxDOT is Performing Design  Bidder Pre-Qualification Waiver Flag

Spec Book Year:  2014 Responsible Division:  Maintenance Division Responsible Engineer:

Bid Type:  Low Bid Working Days:  151 District Budget:

**Details**

Estimate Review:  Design Division Sealed By:  Sealed Date:  03/13/2017

Engineer's Estimate:  \$4,318,552.46 Total Contract Cost:  \$6,695,769.43 Bridge Cost:  \$0.00 Proposal Guarantee Amount:  \$100,000.00

**Estimate** Export

Default **Plan Set** Category Bid Code Remove + New Item

Details Averages >

<input type="checkbox"/>	Category of Work	NBI/Utility ID	Bid Code/ Force Account	Description	Measurement	Quantity	Unit Price	Total	Plan Set Locat
<input type="checkbox"/>	Roadway		134-6001	BACKFILL (TY A)	Station	155	\$150.00	\$23,250.00	
<input type="checkbox"/>	Roadway		341-6042	D-GR HMA TY-D SAC-B PG70-22	Ton	33572	\$75.00	\$2,517,900.00	
<input type="checkbox"/>	Force Account		02	CMTA	Each	1	\$200,000.00	\$200,000.00	

Remove + New Item Export

**A+B** Remove + New Item

<input type="checkbox"/>	A+B	Description	Max Days	Road User Cost	Total
					No Rows To Show

Remove + New Item

Engineer's Estimate Created By:  Engineer's Estimate Created Date:  10/05/2015

Save Project

## 8.2. Design

The **Design** section includes the following fields:

**Design**


**Design Standard:**  
 4R - New Location & Reconstruction  TxDOT is Performing Design  Bidder Pre-Qualification Waiver Flag

**Spec Book Year:** 2014 **Responsible Division:** Design Division **Responsible Engineer:** [Redacted]

**Bid Type:** Low Bid **Working Days:** 1000 **District Budget:**

Field	Description
<b>Design Standard</b>	Identifies the design criteria associated with the project.
<b>2R – Restoration</b>	Used for non-freeway resurfacing restoration projects, that are not in the National Highway System, with ADT volume of 2500 per lane or less.
<b>3R – Non-Freeway Rehabilitation</b>	Used for projects that address pavement needs and/or deficiencies that substantially follow horizontal and vertical alignments.
<b>4R – New Location &amp; Reconstruction</b>	Used for projects that are either new roadways or totally reconstructed roadway sections.
<b>HE – Hazard Elimination Program</b>	Used for projects (both on or off the state highway) that: <ul style="list-style-type: none"> <li>Correct or improve high-hazard locations.</li> <li>Eliminate roadside obstacles and treat obstacles.</li> <li>Improve highway signing and pavement marking.</li> <li>Install traffic control or warning devices at locations with high number of accidents.</li> </ul>
<b>NA – Not Applicable</b>	Used for projects when the Design Standard does not apply.
<b>PM – Preventative Maintenance</b>	Used for projects that do not have significant amounts of distress.
<b>SA – Safety Appurtenances</b>	Used for projects that incorporate division for a proposed project.
<b>TxDOT is Performing Design</b>	Indicates, if checked, whether TxDOT is performing the design.
<b>Bidder Pre-Qualification Waiver Flag</b>	This checkbox indicates whether vendor pre-qualification is waived.
<b>Spec Book Year</b>	Indicates the four-digit spec book year being used to develop the project from the drop-down. This field defaults to 2014.



<b>Responsible Division</b>	<p>The project engineer can choose the division that will be responsible for reviewing the Estimate.</p> <ul style="list-style-type: none"><li>• Maintenance Division</li><li>• Design Division</li><li>• Traffic Operations Division</li><li>• Bridge Division</li></ul>
<b>Responsible Engineer</b>	<p>The TxDOT Engineer who serves as a point of contact related to this project and may or may not be the sealing Engineer.</p> <p> The Responsible Engineer field is populated when a Project Manager is assigned to the project. For instructions on assigning a Project Manager, see the <a href="#">Resources</a> page for more information.</p>
<b>Bid Type</b>	<p>This is the type of bid used to award the contract. The selections vary by Project Type:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Construction: <b>Low Bid</b> or <b>A+B Bidding</b></li><li><input type="checkbox"/> Alternative Delivery: <b>Best Value</b></li></ul>
<b>Working Days</b>	<p>This is the number of days required for the estimated work to be completed on the project.</p>
<b>District Budget</b>	<p>Indicates the District budget within which the project is conducted.</p>

### 8.3. Details

The **Details** section includes the following fields:

**Details**

Estimate Review: <input type="text" value="District"/>	Sealed By:	Sealed Date:
Engineer's Estimate: \$40,150.00	Total Contract Cost: \$40,150.00	Bridge Cost: \$0.00
		Proposal Guarantee Amount: \$1,000.00

Field	Description										
<b>Estimate Review</b>	<p>This indicates whether the District or the Design Division is currently working on this estimate.</p> <p>When the District or Division is ready to switch control to the opposite party, ,</p> <ol style="list-style-type: none"> <li>1. Set the <b>Estimate Review</b>.</li> <li>2. Click  Save Project.</li> </ol> <p> TxDOTCONNECT validates whether the estimate has been sealed before control is granted to the Design Division; if not, TxDOTCONNECT will request confirmation.</p>										
<b>Sealed By</b>	Indicates the name of the Engineer who applied the Engineer's Seal to the proposal.										
<b>Sealed Date</b>	Indicates the date the Engineer's estimate was sealed.										
<b>Engineer's Estimate</b>	Sum of line items in the Engineer's Estimate not including Alternate Bid Items or Excluded Bid Items.										
<b>Total Contract Cost</b>	Sum of the Engineer's Estimates for all projects associated to the controlling project, including the controlling project's Engineer's Estimate.										
<b>Total Bridge Cost</b>	Sum of all Bridge Costs within the Engineer's Estimate, not including alternate bid items and excluded bid items.										
<b>Proposal Guarantee Amount</b>	<p>The Proposal Guarantee is a monetary amount furnished in the approved form by the bidder with the bid proposal for a project to discourage frivolous bids.</p> <p>Proposal Guarantee Amount is calculated as follows:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%;">Total Construction Cost (less Force Accounts)</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">\$25,000 or less</td> <td style="text-align: center;">\$0</td> </tr> <tr> <td style="text-align: center;">\$25,001 up to \$4,999</td> <td style="text-align: center;">\$1,000</td> </tr> <tr> <td style="text-align: center;">\$5,000 up to \$4,999,999</td> <td style="text-align: center;">2% rounded to the nearest \$1,000</td> </tr> <tr> <td style="text-align: center;">\$5,000,000 or above</td> <td style="text-align: center;">\$100,000</td> </tr> </tbody> </table>	Total Construction Cost (less Force Accounts)	Amount	\$25,000 or less	\$0	\$25,001 up to \$4,999	\$1,000	\$5,000 up to \$4,999,999	2% rounded to the nearest \$1,000	\$5,000,000 or above	\$100,000
Total Construction Cost (less Force Accounts)	Amount										
\$25,000 or less	\$0										
\$25,001 up to \$4,999	\$1,000										
\$5,000 up to \$4,999,999	2% rounded to the nearest \$1,000										
\$5,000,000 or above	\$100,000										

## 8.4. Estimate

The Estimate section contains a series of grids where the bid items may be entered in the project estimate by Engineer roles (Professional Engineer, Professional Engineer-Consultant, Engineer Estimate Coordinator, Engineer Estimate Coordinator-Consultant, Design Coordinator).

This section allows the estimate to be viewed in four different ways: **Default**, **Plan Set**, **Category**, and **Bid Items**.


### Default tab


The Default tab shows the bid items in the order they were entered.

It is arranged in the columns described below.




Category of Work	NBI Number	Bid Code/Force Account	Description	Measurement	Quantity
Bridge	142270805450001	1009-6002	RELOC MONUMENT SIGN AND DECORATIVE ROCK	Lump Sum	340
Utilities		7134-6001	CUT AND PLUG WATER MAIN FOR TEST	Each	450
Illumination		204-6001	SPRINKLING (BASE)	Thousand Gall...	244
Mobilization		500-6001	MOBILIZATION	Lump Sum	100.00%







Those with Engineer roles can rearrange bid items in this view simply by clicking  next to any bid item and dragging into the desired order.

Column	Description
<b>Category of Work (required)</b>	This field indicates the category of work for the bid item.  The items described below have special requirements.
	<p><b>Bridge</b></p> <ul style="list-style-type: none"> <li>This Category of Work is only available if there are <b>Proposed Bridges</b> listed on the <b>Location</b> page.</li> <li>An <b>NBI Number</b> is required.</li> <li>Only bridges listed in the <b>Proposed Bridge</b> section of the Location page will be available for selection.</li> </ul>
	<p><b>Utility</b></p> <ul style="list-style-type: none"> <li>This Category of Work is only available when Joint Bid has been selected on the Right of Way/Utilities page, meaning the utilities work will be let as part of the construction project.</li> <li>A <b>Utility ID</b> is required.</li> </ul>
	<p><b>Barricades</b></p> <ul style="list-style-type: none"> <li>The only bid code for Barricade work, <b>502-6001</b>, will populate automatically.</li> <li>Only one row for Barricade work is allowed per project.</li> </ul>



	<p style="text-align: center;"><b>Mobilization</b></p>	<ul style="list-style-type: none"> <li>• Only one bid code, <b>500-6001</b>, is available for Mobilization work.</li> <li>• A percentage should be entered in the <b>Quantity</b> field.</li> <li>• The <b>Unit Price</b> (lump sum) for all associated projects will update to match that of the controlling project.</li> <li>• Only one row for Mobilization is allowed per project.</li> </ul>
	<p style="text-align: center;"><b>Force Account</b></p>	<ul style="list-style-type: none"> <li>• Force Account values are selected in place of bid codes.</li> </ul>
<p style="text-align: center;"><b>NBI Number/Utility ID</b></p>	<p>The NBI is the National Bridge Inventory number for a specific bridge. This value is only required for bid items with the Category of Work “Bridge.”</p> <p> The number must be listed in the Proposed Bridge Work grid on the Location page or you may select a placeholder value.</p> <p>The Utility ID is the utility number (or U Number) for work on a utility. This value is only required for bid items with Categories of Work that begin with “Utility” (e.g., Utility – Bridge or Utility – Sewer).</p>	
<p style="text-align: center;"><b>Bid Code/Force Account</b></p>	<p>This required field consists of all the Standard and Special Specification codes except when the Category of Work is set to Force Account.</p> <p> <ul style="list-style-type: none"> <li>• This field uses type-ahead searching that requires 3 digits to be entered before returning matching results in the drop-down.</li> <li>• If the Category of Work is set to Force Account, the Force Account numbers will be returned instead of Bid Items.</li> <li>• To create a placeholder for a Special Specification, enter “<b>XXXX-XXXX</b>.”</li> </ul> </p>	
<p style="text-align: center;"><b>Description</b></p>	<p>The description of the selected Bid Code/Force Account. TxDOTCONNECT populates this value automatically based on the selected Bid Code/Force Account.</p>	
<p style="text-align: center;"><b>Measurement</b></p>	<p>The unit of measurement used for the selected Bid Code/Force Account. TxDOTCONNECT populates this value automatically based on the selected Bid Code/Force Account.</p>	
<p style="text-align: center;"><b>Quantity</b></p>	<p>This required field indicates the number of items to the nearest 0.001.</p>	
<p style="text-align: center;"><b>Unit Price</b></p>	<p>This required field indicates the cost per unit of the bid item.</p> <p> <ul style="list-style-type: none"> <li>• If the Unit Price is above the high range or below the low range in the <b>Averages</b> columns, TxDOTCONNECT highlights the value.</li> <li>• The estimate can still be saved if the Unit Price is out of range.</li> </ul> </p>	



<p><b>Averages</b></p>	<p>Expand the <b>Averages</b> columns to view the data described below.</p> <table border="1" data-bbox="613 220 1474 319"> <thead> <tr> <th>Unit Price</th> <th>Low Range</th> <th>High Range</th> <th>3mo Districtwide</th> <th>3mo Statewide</th> <th>12mo Districtwide</th> <th>12mo Statewide</th> </tr> </thead> <tbody> <tr> <td>\$3.11</td> <td>\$3.03</td> <td>\$3.10</td> <td></td> <td>\$3.10</td> <td></td> <td>\$3.03</td> </tr> </tbody> </table> <p> There are no averages available for Force Accounts.</p> <table border="1" data-bbox="571 409 1529 934"> <tr> <td><b>Low Range</b></td> <td>The lowest value in the Averages columns.</td> </tr> <tr> <td><b>High Range</b></td> <td>The highest value in the Averages columns.</td> </tr> <tr> <td><b>3mo Districtwide</b></td> <td>The average unit price on low bid for projects let in last 3 months in the district.</td> </tr> <tr> <td><b>3mo Statewide</b></td> <td>The average unit price on low bid for projects let in last 3 months in the state.</td> </tr> <tr> <td><b>12mo Districtwide</b></td> <td>The average unit price on low bid for projects let in last 12 months in the district.</td> </tr> <tr> <td><b>12mo Statewide</b></td> <td>The average unit price on low bid for projects let in last 12 months in the state.</td> </tr> </table> <p> Once the Engineer’s Estimate is sealed, TxDOTCONNECT “freezes” the 3mo and 12mo districtwide and statewide so that they can be compared later.</p> <p> If the Engineer’s Estimate is re-sealed later, these values will update to reflect current data.</p>	Unit Price	Low Range	High Range	3mo Districtwide	3mo Statewide	12mo Districtwide	12mo Statewide	\$3.11	\$3.03	\$3.10		\$3.10		\$3.03	<b>Low Range</b>	The lowest value in the Averages columns.	<b>High Range</b>	The highest value in the Averages columns.	<b>3mo Districtwide</b>	The average unit price on low bid for projects let in last 3 months in the district.	<b>3mo Statewide</b>	The average unit price on low bid for projects let in last 3 months in the state.	<b>12mo Districtwide</b>	The average unit price on low bid for projects let in last 12 months in the district.	<b>12mo Statewide</b>	The average unit price on low bid for projects let in last 12 months in the state.
Unit Price	Low Range	High Range	3mo Districtwide	3mo Statewide	12mo Districtwide	12mo Statewide																					
\$3.11	\$3.03	\$3.10		\$3.10		\$3.03																					
<b>Low Range</b>	The lowest value in the Averages columns.																										
<b>High Range</b>	The highest value in the Averages columns.																										
<b>3mo Districtwide</b>	The average unit price on low bid for projects let in last 3 months in the district.																										
<b>3mo Statewide</b>	The average unit price on low bid for projects let in last 3 months in the state.																										
<b>12mo Districtwide</b>	The average unit price on low bid for projects let in last 12 months in the district.																										
<b>12mo Statewide</b>	The average unit price on low bid for projects let in last 12 months in the state.																										
<p><b>Total</b></p>	<p>This field calculates the total price for each bid item by multiplying the Quantity by the Unit Price.</p>																										
<p><b>Plan Set Location</b></p>	<p>This optional field identifies where the bid item appears in the corresponding Plan Set. This is a free text field, and determines the order in which bid items are displayed on the Plan Set tab.</p>																										
<p><b>Alt Bid Group</b></p>	<p>This indicates whether the bid item is in an Alternate Bid Group.</p> <ul style="list-style-type: none"> <li>• The first Bid Item in an Alternative Bid Group should be labeled with a single number.</li> <li>• Alternates to that Bid Item should be labeled with that number and a letter to indicate they are alternates.</li> </ul>																										
<p><b>Federally Non-Participating</b></p>	<p>By default, bid items are assumed to be federally participating. When that is not the case, this box should be checked to indicate that the bid item is <b>not</b> Federally Participating.</p>																										
<p><b>Excluded Bid Item</b></p>	<p>If checked, this indicates that the bid item should be excluded from the Engineer’s Estimate total.</p> <p> Excluded Bid Items will not appear on the printed proposal.</p>																										

## Plan Set tab

The Plan Set tab groups the bid items by plan set location.

Group	Plan Set Location	Bid Code/ Force Account	Category of Work	NBI Number	Description
1 (3)	1	1009-6002	Bridge	142270805450001	RELOC MONUMENT SIGN AND DECORATIVE ROCK
7134-6001 (1)	1	7134-6001	Utilities		CUT AND PLUG WATER MAIN FOR TEST

## Category tab

The Category tab groups the bid items by category of work.

Group	Category of Work	NBI Number	Bid Code/ Force Account	Description
Utilities (2)	Utilities	7134-6001		CUT AND PLUG WATER MAIN FOR TEST
7134-6001 (1)	Utilities	7132-6001		WATER LINE LOWERING

## Bid Items tab

The Bid Items tab sorts the bid items in numerical order.

Group	Bid Code/ Force Account	Category of Work	NBI Number	Description
1009-6002 (1)	1009-6002	Bridge	142270805450001	RELOC MONUMENT SIGN AND DECORATIVE ROCK
7134-6001 (1)	7134-6001	Utilities		CUT AND PLUG WATER MAIN FOR TEST

## Adding and Removing Bid Items

Bid Items may be added or removed from any tab in the Estimate by those with the appropriate security role.

**+ New Item**

To add a bid item, click **+ New Item**.

**⊗ Remove**

Select a bid item, check the box next to the item and click **Remove**.

Category of Work	NBI Number	Bid Code/ Force Account	Description	Measurement	Quantity
Bridge	142270805450001	1009-6002	RELOC MONUMENT SIGN AND DECORATIVE ROCK	Lump Sum	340
Utilities		7134-6001	CUT AND PLUG WATER MAIN FOR TEST	Each	450
Utilities		7132-6001	WATER LINE LOWERING	Each	90
Illumination		204-6001	SPRINKLING (BASE)	Thousand Gall...	244
Mobilization		500-6001	MOBILIZATION	Lump Sum	100.00%

## Export Reports

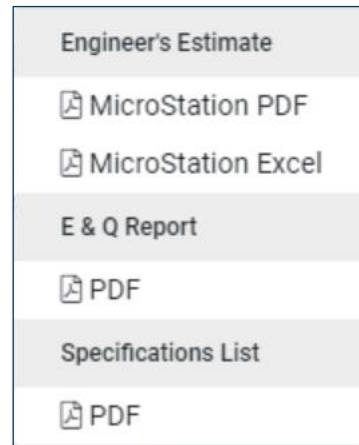
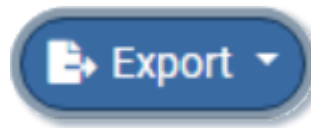
The Estimate section contains Export buttons above and below the bid item grid.



Click this button to:

- Export the Engineer's Estimate to MicroStation as a PDF.
- Export the Engineer's Estimate to MicroStation as an Excel spreadsheet.
- Export the Estimate & Quantity (E & Q) Report as a PDF.
- Export the Specifications List as a PDF.

The documents will open in the [Reporting](#) feature.



## 8.5. A+B

This section allows Engineer roles to enter milestones for projects where the **Bid Type** on the Letting Page is “A+B Bidding.”

A+B				
A+B	Description	Max Days	Road User Cost	Total
800-6003	NO. OF DAYS MILESTONE 2	4	\$44.00	\$176.00
800-6004	NO. OF DAYS MILESTONE 3	3	\$23.00	\$69.00



- **Part A** is the total amount bid for the total construction cost.
- **Part B** is the total number of days bid per project phase/ milestone (or substantial completion) multiplied by the Road User Cost liquidated damages per day calculated for the project.
- **A+B** = Total Construction Cost + (Max Days x Road User Cost)



If the Bid Type on the Letting Page is changed to “Low Bid,” all A+B Milestones will be removed.

Column	Description
<b>A+B</b>	Bid codes from the 800 series that describe A+B provisions, as follows: <ul style="list-style-type: none"> <li>• 800-6001: NO. OF WORKING DAYS</li> <li>• 800-6002: NO. OF DAYS MILESTONE 1</li> <li>• 800-6003: NO. OF DAYS MILESTONE 2</li> <li>• 800-6004: NO. OF DAYS MILESTONE 3</li> </ul>
<b>Description</b>	This description is populated automatically by TxDOTCONNECT based on the bid code entered in the A+B column.
<b>Max Days</b>	The maximum number of days used to calculate Part B of the A+B provision.
<b>Road User Cost</b>	The Road User Cost used to calculate Part B of the A+B provision
<b>Total</b>	The maximum days multiplied by the Road User Cost.

## 8.6. Created By & Created Date

This section populates automatically when the Engineer’s Estimate is created to show who created it and on what date.

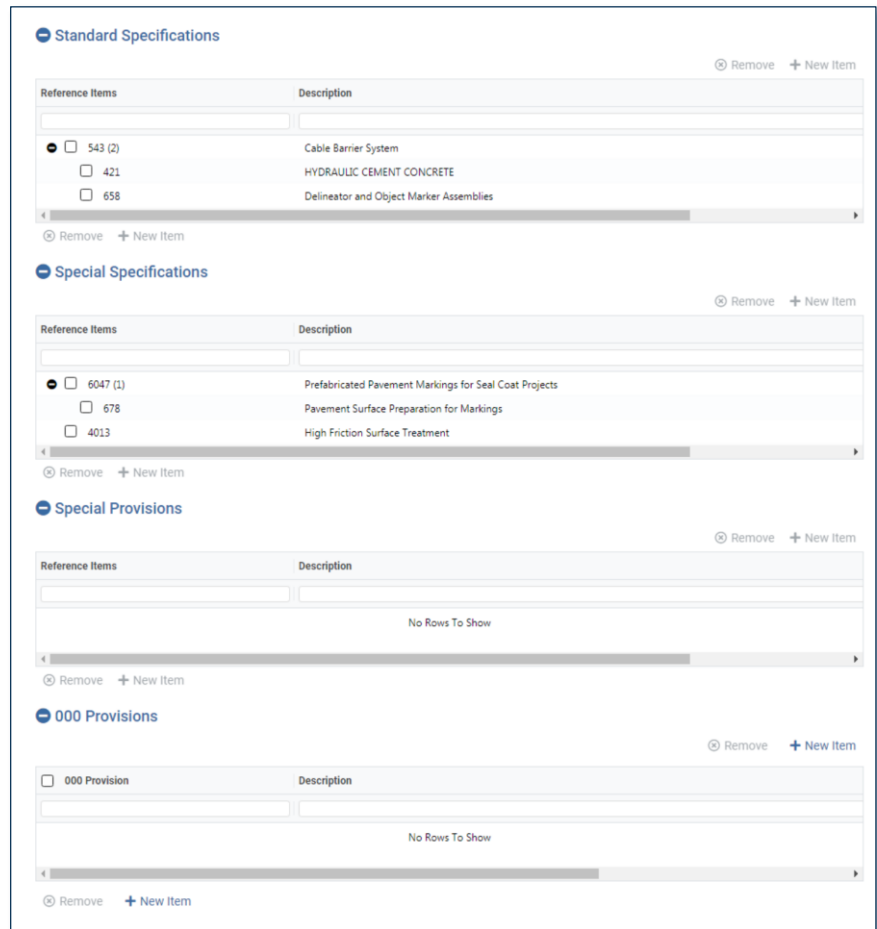
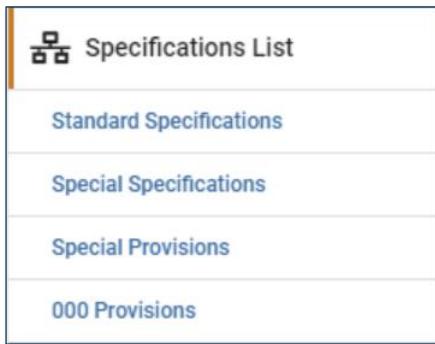
Engineer's Estimate Created By: Steve Chavez	Engineer's Estimate Created Date: 08/06/2019
---	---

## 9. Specifications List

The Specifications List page is only available if there is at least one bid item row added to the Engineer's Estimate page. Some sections populate automatically based on the bid items entered in the Engineer's Estimate grid.



### 9.1. Specifications List Page Sections

The **Specifications List** page is arranged in the following sections:



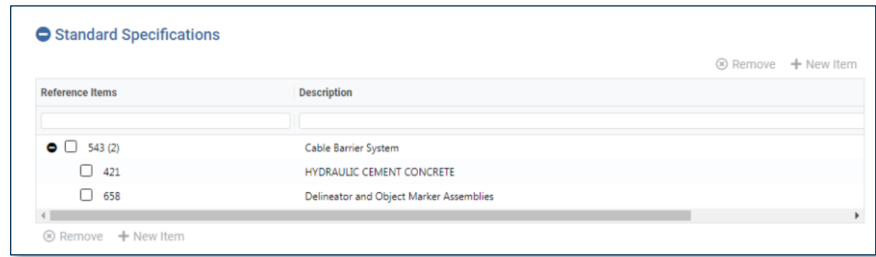
The screenshot shows the "Specifications List" page with four sections: Standard Specifications, Special Specifications, Special Provisions, and 000 Provisions. Each section has a "Reference Items" column and a "Description" column. The "Standard Specifications" section is expanded, showing three items: 543 (2) Cable Barrier System, 421 HYDRAULIC CEMENT CONCRETE, and 658 Delineator and Object Marker Assemblies. The "Special Specifications" section is also expanded, showing three items: 6047 (1) Prefabricated Pavement Markings for Seal Coat Projects, 678 Pavement Surface Preparation for Markings, and 4013 High Friction Surface Treatment. The "Special Provisions" and "000 Provisions" sections are collapsed and show "No Rows To Show".

The following actions are available in each of the grids on the **Specifications List** page.

- Click  to collapse the items (Standard Specifications, Special Specifications, Special Provisions, or 000 Provisions) under a Bid Item.
- Click  to expand the items under a Bid Item.
- To filter by Reference Item number or description, type digits into the filter fields at the top of the grid.

## 9.2. Standard Specifications

The **Standard Specifications** section lists the Specifications under each of the Bid Items listed in the Engineer's Estimate grid.




**Standard Specifications** are those that are listed in the department's specifications book, *Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges*. Specifications for construction bid items or reference items usually address six areas: description, materials, equipment, construction methods, method of measurement, and method of payment.




- The number of Standard Specifications listed beneath a Bid Item is indicated in parentheses.
- A maximum of 30 Standard Specifications are allowed per Bid Item.

To **add** a Specification under a Bid Item,

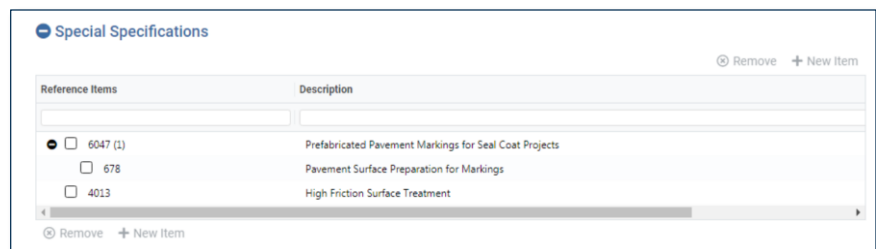
1. Check  the box next to a Bid Item.
2. Click **+ New Item**. A new row will appear just beneath the Bid Item.
3. Click the  drop-down menu in the new row.
4. Type the desired Specification number in the field or scroll through the list to select a Specification.

To **remove** a Specification under a Bid Item,

1. Check  the box next to the Specification.
2. Click  **Remove**. The row will disappear.

## 9.3. Special Specifications

The **Special Specifications** section lists the Special Specifications under each of the Bid Items listed in the Engineer's Estimate grid.




**Special Specifications** are methods and/or work items that are not covered by standard specifications. They may introduce a new description, materials, miscellaneous classification, construction methods, equipment, measurement, and/or payment articles.




- The number of Special Specifications that are listed beneath a Bid Item is indicated in parentheses.

To **add** a Special Specification under a Bid Item,

1. Check  the box next to a Bid Item.
2. Click **+ New Item**. A new row will appear just beneath the Bid Item.
3. Click the  drop-down menu in the new row.
4. Type the desired Specification number in the field or scroll through the list to select a Specification.

To **remove** a Specification under a Bid Item,

1. Check  the box next to the Specification.
2. Click  **Remove**. The row will disappear.

## 9.4. Special Provisions

The **Special Provisions** section lists the Special Specifications under each of the Bid Items listed in the Engineer's Estimate grid.

**Special Provisions** modify Standard Specifications or Special Specifications.



- The number of Special Specifications that are listed beneath a Bid Item is indicated in parentheses.
- A maximum of 10 Special Provisions are allowed per Bid Item.



The Special Provisions available for selection depends on:

- Whether the project has a Federal Project ID or State Project ID (the appropriate provisions populate automatically, but may be removed)
- The Bid Codes listed under Standard Specifications and Special Specifications.

---

## 9.5. 000 Provisions

The **000 Provisions** (“Triple Zero” Provisions) section lists the Triple Zero Specifications under each of the Bid Items listed in the Engineer's Estimate grid.

Triple Zero Provisions describe, in narrative form, conditions included in a contract which do not relate directly to a work item specification.



- The number of Triple Zero Specifications that are listed beneath a Bid Item is indicated in parentheses.

## 10. Sealing & Summary Page

The Sealing & Summary page contains a list of all associated projects with a Seal button.

### 10.1. Seal Table

The **Seal Table** provides a summary of all the projects associated to the controlling project.



This grid is only editable from the **controlling project**.

The grid on this page contains the following columns.



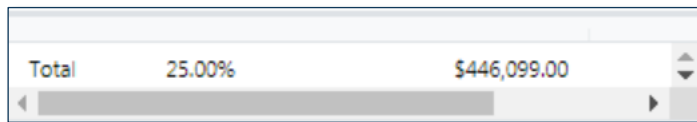
Projects are associated for letting purposes on the **Letting Page**, described in the **Project Development Reference Guide**.

Column	Description
<b>Project ID</b>	The Project Identifier for each associated project.
<b>CSJ</b>	The Control Section Job for each associated project.
<b>Project Name</b>	The Project Name for each associated project.
<b>Mobilization %</b>	<p>The Mobilization percentage for each associated project.</p> <p> The following guidelines should be observed:</p> <ul style="list-style-type: none"> <li>Mobilization % can only be edited from the <b>controlling project's</b> Sealing &amp; Summary page.</li> <li>The total Mobilization % for all associated projects must be equal to <b>100%, 0%, or blank</b> in order to seal the controlling project or to seal all projects.</li> <li>The Mobilization unit price of all subordinate projects must match the controlling project's Mobilization unit price. When a new project with Mobilization is associated to a controlling project with Mobilization, the Mobilization unit price for the new project automatically updates to match the controlling project.</li> </ul> <p>If Mobilization is not being used as a category of work on any project's engineer's estimate, this field will be blank and disabled for that project.</p>
<b>Engineer's Estimate</b>	The total Engineer's Estimate amount for each associated project.
<b>Sealed By</b>	The name of the engineer who has sealed the estimate for each associated project (if already sealed).
<b>Sealed Date</b>	The date the Engineer's Estimate was sealed.
<b>Net Bridge Miles</b>	This optional field allows for future reporting to determine the average estimated cost of each Net Bridge Mile.
<b>Net Roadway Miles</b>	This optional field allows for future reporting to determine the average estimated cost of each Net Roadway Mile.

## Total

At the bottom of the Seal table is the Total row.

This row shows the total percentage for Mobilization and the total Engineer's Estimate for all combined associated projects.



Total	25.00%	\$446,099.00
-------	--------	--------------


## 10.2. Seal Button

The Seal Button is only enabled for a Professional Engineer or Professional Engineer-Consultant.



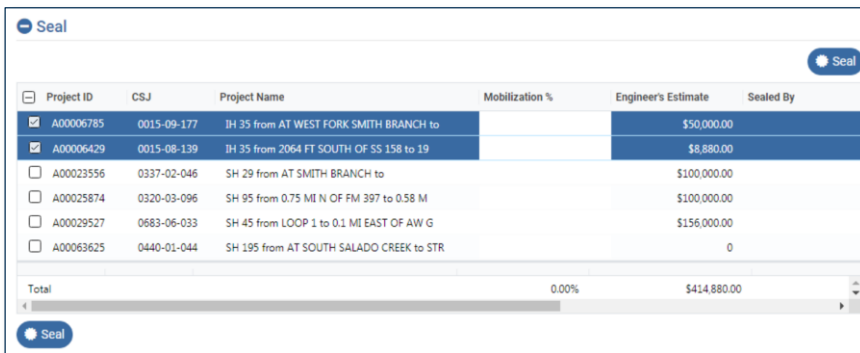
The Seal function can only be performed from the **Controlling Project**.

To Seal (or Re-Seal) an Estimate:

1. Check  the box (or boxes) next to the project(s) to seal.
2. Click .



To select all projects, or unselect all projects, check  the top box next to **Project ID**.



<input type="checkbox"/>	Project ID	CSJ	Project Name	Mobilization %	Engineer's Estimate	Sealed By
<input checked="" type="checkbox"/>	A00006785	0015-09-177	IH 35 from AT WEST FORK SMITH BRANCH to		\$50,000.00	
<input checked="" type="checkbox"/>	A00006429	0015-08-139	IH 35 from 2064 FT SOUTH OF SS 158 to 19		\$8,880.00	
<input type="checkbox"/>	A00023556	0337-02-046	SH 29 from AT SMITH BRANCH to		\$100,000.00	
<input type="checkbox"/>	A00025874	0320-03-096	SH 95 from 0.75 MI N OF FM 397 to 0.58 M		\$100,000.00	
<input type="checkbox"/>	A00029527	0683-06-033	SH 45 from LOOP 1 to 0.1 MI EAST OF AW G		\$156,000.00	
<input type="checkbox"/>	A00063625	0440-01-044	SH 195 from AT SOUTH SALADO CREEK to STR		0	
Total				0.00%	\$414,880.00	

TxDOTCONNECT **validates** the following:

- There must be at least one bid item entered in the **Estimate** grid on the **Engineer's Estimate** page, and all bid items must have a unit price and quantity defined.
- The **Estimate Review** field on the **Engineer's Estimate** page must have "District" selected.
- No placeholder values (bid code placeholders or NBI placeholders) can remain in the **Engineer's Estimate** or **Specifications List**.
- All bid items with **Category of Work** "Bridge" must have an NBI selected.
- There must be a Responsible Engineer listed on the **Resources** page.
- There must be a current License number on file for the sealing engineer on the **Profile** page.
- To seal the *controlling* project or *all* projects, the Mobilization % for all associated projects must total 0%, 100%, or be blank.

TxDOTCONNECT **populates** the following:

- The **Sealed Date**.
- The engineer's name under **Sealed By**.



Once the Engineer's Estimate is sealed, TxDOTCONNECT "freezes" the 3mo and 12mo districtwide and statewide **Averages** data so that they can be reviewed later.



If the Engineer's Estimate is later re-sealed, the **Averages**, **Sealed Date**, and **Sealed By** will update to reflect current data.

# 11. Resources Page

The Resources page is where additional Resources can be assigned to the Project.

## 11.1. Resources Page Sections

The Resources page is arranged in three sections:



**Project Managers**

Role	Name	License Number	Phone	Email
Programming Manager				
Construction Manager	Melody Galland, P.E.		(281) 464-5500	Melody.Galland@txdot.gov
Design Manager	Mark Patterson, P.E.		(713) 802-5501	Mark.Patterson@txdot.gov
Project Manager				

Address Line 1:  Address Line 2:

City:  State:  ZIP Code:

Mobile Phone #:

**Resources**

Resource Type:  Right of Way  Utilities  Railroad Submit Resources

**External Resource Assignment** + Resource

Type	Name	Phone	Email	Controlling Project	Access
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>


**Local Government**

Local Government Project:

Agency Name:  Contact Name:

## 11.2. Project Managers

The **Project Managers** section of the Resources page lists the staff resources assigned to the project.

1. Click  next to the desired role to assign a resource to it.

The selection window will appear.

2. Use the column headers to sort or filter by Name, District/Division, Location, or Email.
3. Select the desired project manager.
4. Click **Done**.

The employee's name and contact information will display.



An Engineer can be selected as Project Manager only if a current License is on file in TxDOTCONNECT.



A Project Manager is required before an Engineer's Estimate can be sealed.

Role	Name	License Number	Phone	Email
Programming Manager				
Construction Manager	Melody Galland, P.E.		(281) 464-5500	Melody.Galland@txdot.gov
Design Manager	Mark Patterson, P.E.		(713) 802-5501	Mark.Patterson@txdot.gov
Project Manager				

Address Line 1:  Address Line 2:

City:  State:  ZIP Code:

Mobile Phone #:

Name	Division/District	Location	Engineer's License Number
Stephen Schadt	Austin		23423
Leela Kasaraneni	Austin		123456
Gideon Kalyanapu	Austin		99991
Theresa Banic	Transportation Programs Divi...		123456
Bill Philips	Waco		999993
Majid Hakk	Austin		99991
Maddy Brahmmandam	Austin		99991
Sangeetha Kumar	Design Division		999999

1 to 100 of 281 | Page 1 of 3

Done


## 11.3. Resources

The **Resources** section allows users with project manager security roles to request internal Right of Way (ROW), Utilities, or Rail Road resources.

Resource Type:

Right of Way  Utilities  Railroad

Submit Resources

1. Check the box next to the desired resource.
2. Click 
3. The appropriate group will receive the request and choose to approve or not approve.



The status of this request can be tracked on the [Workflow, Forms, & Templates](#) page.



Only one pending resource request is allowed for each resource type.

## 11.4. External Resources Assignment

The **External Resources Assignment** section allows the following roles to invite external engineers and coordinators to work on a project:

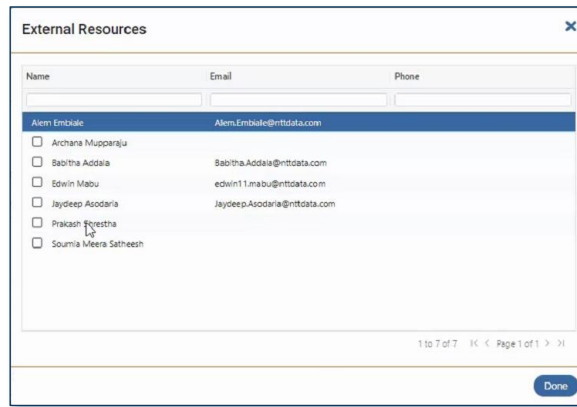
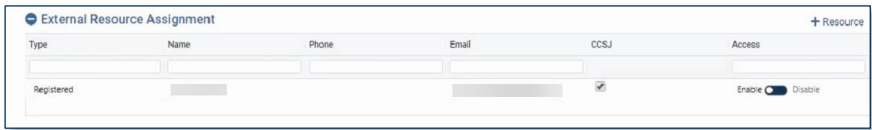
- Project Manager – Initiate
- Project Manager – Development
- Professional Engineer
- Professional Engineer – Consultant
- Engineer’s Estimate Coordinator
- Engineer’s Estimate Coordinator – Consultant

Follow the process below:

1. Click **+ Resource**.

The **External Resources** selection window will appear.

2. Use the column headers to sort or filter by Name, Email, or Phone.
3. Check  the box next to the desired external resource.
4. Click **Done**.



**Remember:** Only external resources who already have access to TxDOTCONNECT with the following security roles will be available for assignment:

- Professional Engineer-Consultant
- Engineer’s Estimate Coordinator-Consultant

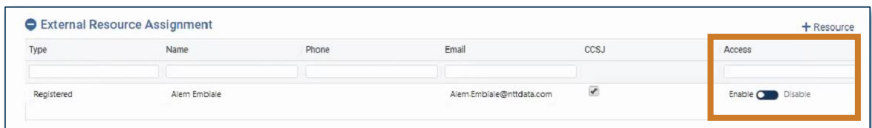
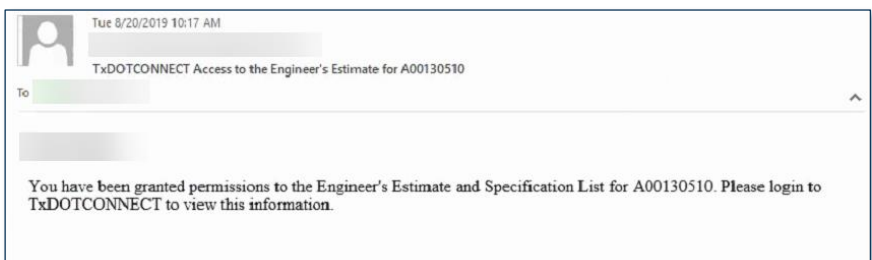
The invited resource will receive an email notifying them they have been granted permission to the **Engineer’s Estimate** and **Specifications List** for the project.



External resources may only view or edit projects to which they have been invited.



Those with appropriate security roles may **Enable** and **Disable** the access of external resources at any time using the **Access** switch.



## 11.5. Local Government

The **Local Government** section allows users with project manager security roles to add information about Local Government resources involved with the project.

Local Government

Name:		Contact Name:	
<input type="text"/>		<input type="text"/>	
Address Line 1:		Address Line 2:	
<input type="text"/>		<input type="text"/>	
City:	State:	ZIP Code:	
<input type="text"/>	<input type="text"/>	<input type="text" value="XXXXX-XXXX"/>	
Phone:	Email:		
<input type="text" value="(999) 999-9999"/>	<input type="text" value="X@X.XXX"/>		

## 12. Bid Item Request Management

There are six different kinds of requests that can be submitted in TxDOTCONNECT regarding Bid Items and Specifications. These requests replace the 1814 Form.

The following Bid Code requests are submitted from the [Workflow, Forms, & Templates](#) page of a project.

- **Bid Codes (Only)**
- **One Time Use**

The following Bid Code requests are submitted from the [Administrative](#) tab in the top menu bar.

- **Test Procedures**
- **Statewide**
- **Districtwide**
- **Departmental Materials Specifications (DMS)**

### 12.1. Workflow, Forms, & Templates

**Workflow, Forms, & Templates** is a page within a transportation project from which workflow requests may be submitted and monitored.

Form ID	Workflow Type	Submitted By	Created On	Status	Comments	Cancel
FM00000000001	Bid Item Request - One Time Use	William Boyd	08/12/2019	Pending with		

Forms

Bid Item Request ▾  
Letting Schedule Modification ▾

### 12.2. Workflow Status

This section allows the user to monitor the status of the requests in progress.

Form ID	Workflow Type	Submitted By	Created On	Status	Comments	Cancel
FM00000000001	Bid Item Request - One Time Use			Pending with		

Forms

Bid Item Request ▾  
Letting Schedule Modification ▾



- Click the **Form ID** to open the form to review more detailed information.
- Click next to a request to display **reviewer comments**.
- Click next to a request to **cancel** the request. A comment is required.
- While a request is pending on a project, you cannot create a new one of the same type.

### 12.3. Forms

**Forms** allow information within the system and requests for approval to be routed automatically through a workflow.

The Bid Item Requests submitted from this section are described in more detail below.



Forms

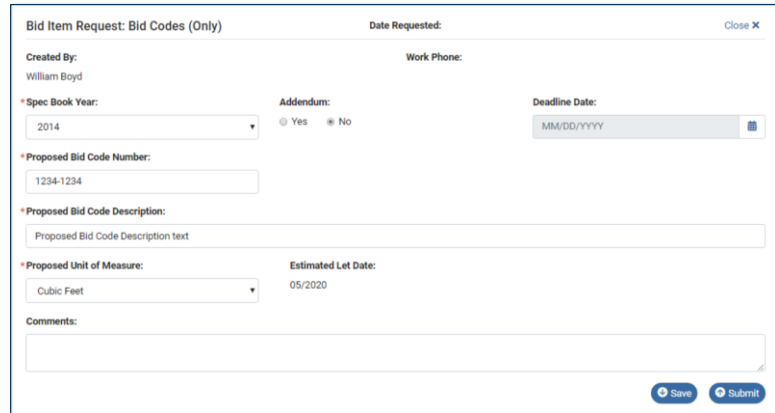
Bid Item Request ▾  
Letting Schedule Modification ▾

## 12.4. Bid Codes (Only) Request

The Bid Codes (Only) Request allows you to request only the first three digits of a Bid Code.

Fields with a \* are required.



- To save your request and return to it later, click .
- To submit your request into the workflow, click .

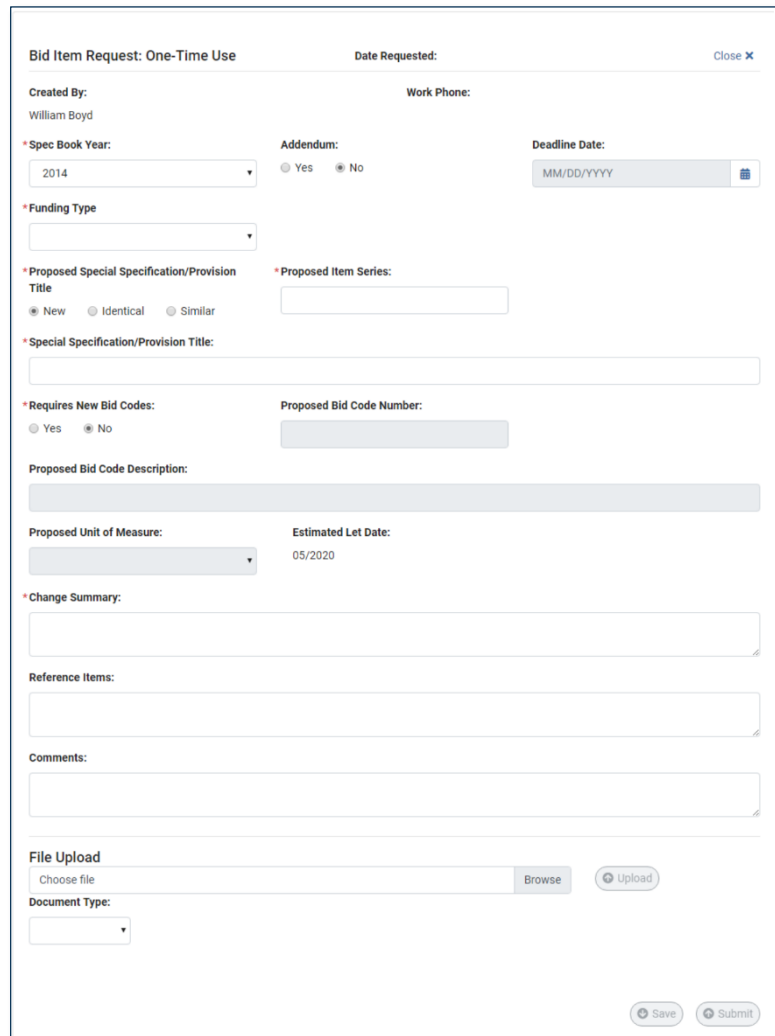


## 12.5. Bid Item Request: One Time Use

The One Time Use Request allows you to request a new Bid Item intended to be used only once.

Fields with a \* are required.

- To save your request and return to it later, click .
- To submit your request into the workflow, click .



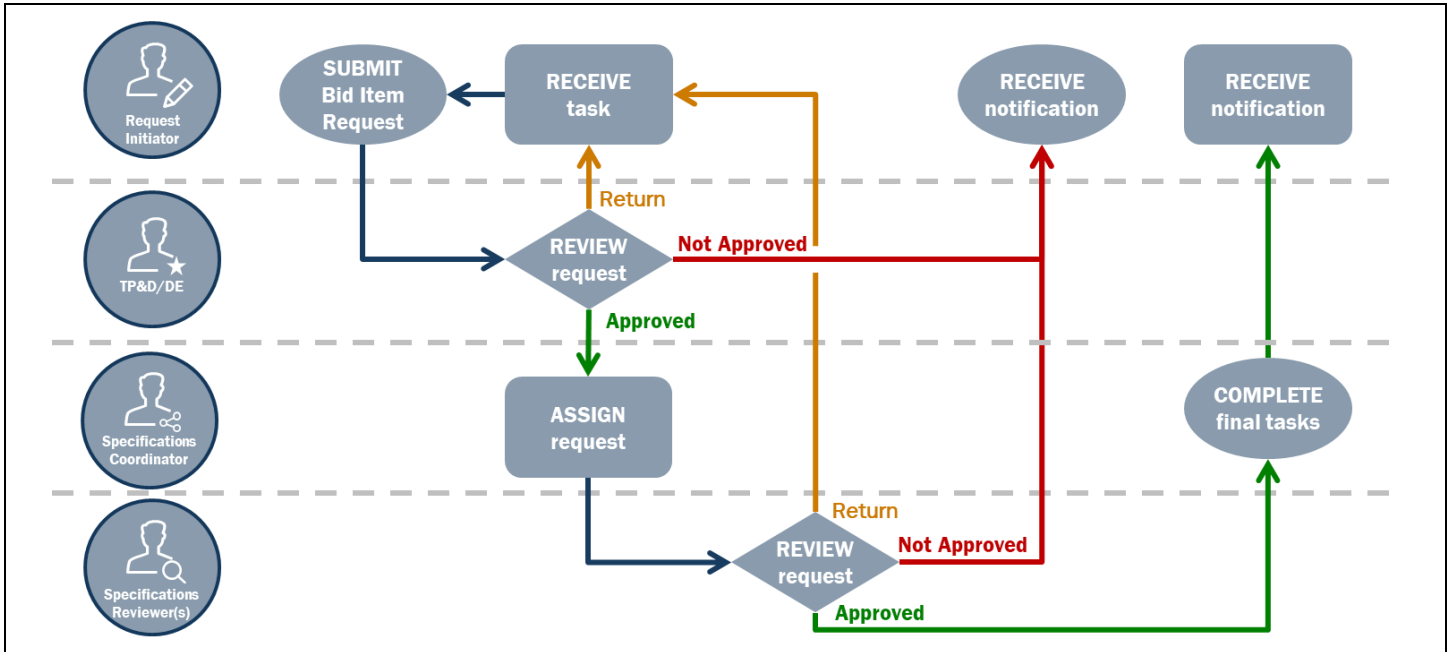

You can upload Proposed Item templates with your One Time Use request.

Files should be in Rich Text Format (.rtf) and be titled as follows, where [XXXX] is the Proposed Item Series:

- [Special Specification to Item \[XXX\]](#)
- [Special Provision \[XXXX\]](#)
- [Special Provision to Special Specification \[XXXX\]](#)
- [Special Provision 000](#)

## 12.6. Bid Item Request Workflow

Once submitted, the Bid Codes (Only) and One Time Use requests are routed through an automated workflow.



1. The Request Initiator submits the **Bid Item Request**.
2. The district's TP&D receives the request in **My Tasks** and selects from the following options:
  - **Approve** – the request continues to the next step in the workflow.
  - **Not Approve** – the Request Initiator receives a notification and the workflow **ends**.
  - **Return** – the Request Initiator receives the request in **My Tasks** to make changes, save, and resubmit.
3. The Specifications Coordinator receives the request in **My Group List** and assigns to himself or herself.
4. The Specifications Coordinator reviews the request in **My Tasks** and selects **Approve**, **Not Approve**, or **Return**.

If **Approved**,

5. The Specifications Coordinator enters comments and a **Committee Review Date**, then clicks **Submit**.
6. The Request Initiator receives a notification that the request was approved. The workflow is **complete**.

If **Not Approved**,

5. The Specifications Coordinator enters comments, then clicks **Submit**.
6. The Request Initiator receives a notification that the request was not approved. The workflow **ends**.

If **Returned**,

5. the Specifications Coordinator enters comments, then clicks **Submit**.
6. The Request Initiator receives the request in **My Tasks**.
7. The Request Initiator may make changes to the form, save, and resubmit.

My Tasks					
Project ID	Project Name	Form ID	Task	Submitted By	Created On
		FM00000001005	Bid Item Request Enterprise - Districtwide Use		
<input checked="" type="radio"/> Approve <input type="radio"/> Return <input type="radio"/> Do Not Approve		<b>Comments:</b> <input type="text" value="FHWA or Industry comments here"/>		<b>Committee Review Date:</b> <input type="text" value="10/01/2019"/> <b>Submit</b>	

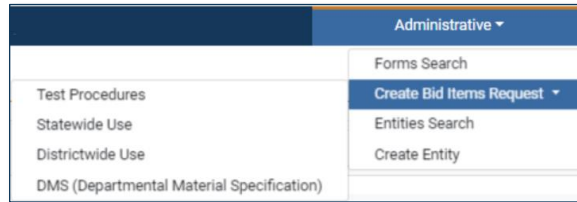
## 12.7. Administrative

The **Districtwide**, **Statewide**, **Departmental Materials Specifications (DMS)**, and **Test Procedures** requests are submitted from the **Administrative Module** in the top menu bar.



The **Administration** tab in the Top Menu Bar offers the following options:

- Forms Search
- Create Bid Items Request
  - Test Procedures
  - Statewide Use
  - Districtwide Use
  - Departmental Materials Specifications (DMS)

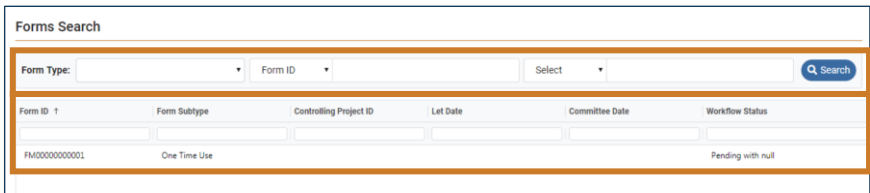


## 12.8. Forms Search

This page allows you to search for and monitor the status of any forms (requests) that have been submitted.


There are two parts on this page:

- The **Forms Search** feature
- The **Forms Search Results**

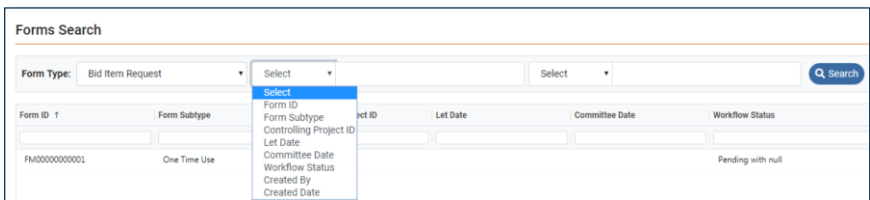


## 12.9. Forms Search Feature

To search for a specific form,



1. Use the **Form Type** drop-down menu to select the desired Form (request).
2. Use the **Select** drop-down menus to select up to two search criteria.
3. Enter up to two search terms (one in each **Search** field).
4. Click .

The **Search Results** will appear.



## 12.10. Forms Search Results

The screenshot shows the 'Forms Search' interface. At the top, there are search filters: 'Form Type' (dropdown), 'Form ID' (dropdown), and 'Select' (dropdown), followed by a 'Search' button. Below the filters is a table with the following columns: Form ID, Form Subtype, Controlling Project ID, Let Date, Committee Date, Workflow Status, Created By, Created Date, Comments, and Cancel. The table contains one row with the following data: Form ID: FM0000000001, Form Subtype: One Time Use, Workflow Status: Pending with null, Created By: William Boyd, Created Date: 08/12/2019. There is a blue speech bubble icon in the 'Comments' column and a red circle with a white 'X' icon in the 'Cancel' column.

- Click a column header to **sort** search results by the data in that column. Click again to reverse the order.
- Type into one or more of the column header fields to **filter** search results by the data in that column.
- Click  next to a form to display **reviewer comments**.
- Click  next to a form to **cancel** it. A **comment** is required when canceling.

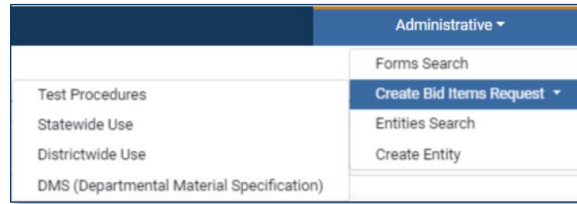
This screenshot shows the 'Forms Search' interface with a dropdown menu open over the 'Form ID' column header. The dropdown menu contains the following options: Select, Form ID, Form Subtype, Controlling Project ID, Let Date, Committee Date, Workflow Status, Created By, and Created Date. The table below shows the same data as the first screenshot, but the 'Workflow Status' is now 'Pending with' and the 'Cancel' icon is a red circle with a white 'X'.

This screenshot shows a reviewer comment window. The title bar reads 'Pending with Specifications Coordinator Kyle Preston 08/20/2019'. The comment text says 'returned from DE'. The window also shows the user 'Kyle Preston: 8/20/19, 3:35 PM' and a close button.

## 12.11. Create Bid Items Request

Select **Create Bid Items Request** from the Administrative Menu to create the following Bid Items Request types:

- Test Procedures
- Statewide Use
- Districtwide Use
- Departmental Materials Specifications (DMS)



## 12.12. Test Procedure

The Test Procedure allows you to create a new test procedure.

Fields with a \* are required.

- To save your request and return to it later, click **Submit**.
- To submit your request into the workflow, click **Save**.



You can upload [Proposed Item templates](#) with your Statewide Use request.

Files should be in Rich Text Format (.rtf) and be titled as follows, where [XXXX] is the Proposed Item Series:



- [Special Specification to Item \[XXX\]](#)
- [Special Provision \[XXXX\]](#)
- [Special Provision to Special Specification \[XXXX\]](#)
- [Special Provision 000](#)

A screenshot of a web-based form titled 'Bid Item Request: Test Procedure'. The form includes several sections: 'Test Procedure' with fields for 'MTD', 'District/Division', 'Spec Book Year' (set to 2014), and 'Deadline Date' (MM/DD/YYYY); 'Select Use' with radio buttons for 'Required' and 'Optional'; 'Test Procedure Title'; 'Test Procedure' type with radio buttons for 'New' and 'Revision'; 'Test Procedure Number'; 'Change Summary'; 'Comments'; and 'File Upload' with a 'Browse' button and 'Document Type' dropdown. At the bottom, there is a table with columns for 'File Name', 'Created By', and 'Created Date', and 'Save' and 'Submit' buttons.

### 12.13. Bid Item Request: Statewide Use

The Statewide Use requests a new Bid Code intended to be used by all of TxDOT.

Fields with a \* are required.

- To save your request and return to it later, click .
- To submit your request into the workflow, click .



You can upload [Proposed Item templates](#) with your Statewide Use request.



Files should be in Rich Text Format (.rtf) and be titled as follows, where [XXXX] is the Proposed Item Series:

- [Special Specification to Item \[XXX\]](#)
- [Special Provision \[XXXX\]](#)
- [Special Provision to Special Specification \[XXXX\]](#)
- [Special Provision 000](#)

### 12.14. Bid Item Request: Districtwide Use

The Districtwide Use Request requests a new Bid Item intended to be used only by your district.

Fields with a \* are required.

- To save your request and return to it later, click .
- To submit your request into the workflow, click .



You can upload [Proposed Item templates](#) with your Districtwide Use request.



Files should be in Rich Text Format (.rtf) and be titled as follows, where [XXXX] is the Proposed Item Series:

- [Special Specification to Item \[XXX\]](#)
- [Special Provision \[XXXX\]](#)
- [Special Provision to Special Specification \[XXXX\]](#)
- [Special Provision 000](#)

## 12.15. Departmental Materials Specifications (DMS)

The Departmental Materials Specifications (DMS) Request requests new Departmental Materials Specifications.

Fields with a \* are required.

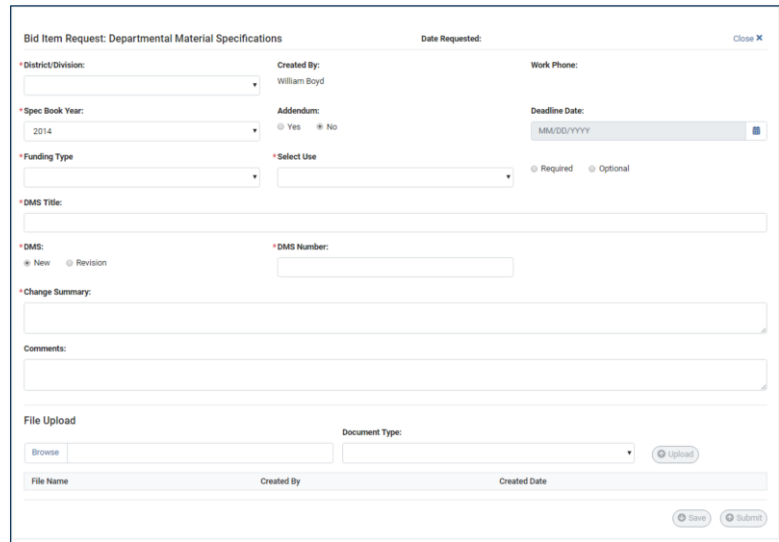
- To save your request and return to it later, click .
- To submit your request into the workflow, click .



You can upload [Proposed Item templates](#) with your Statewide Use request.

Files should be in Rich Text Format (.rtf) and be titled as follows, where [XXXX] is the Proposed Item Series:

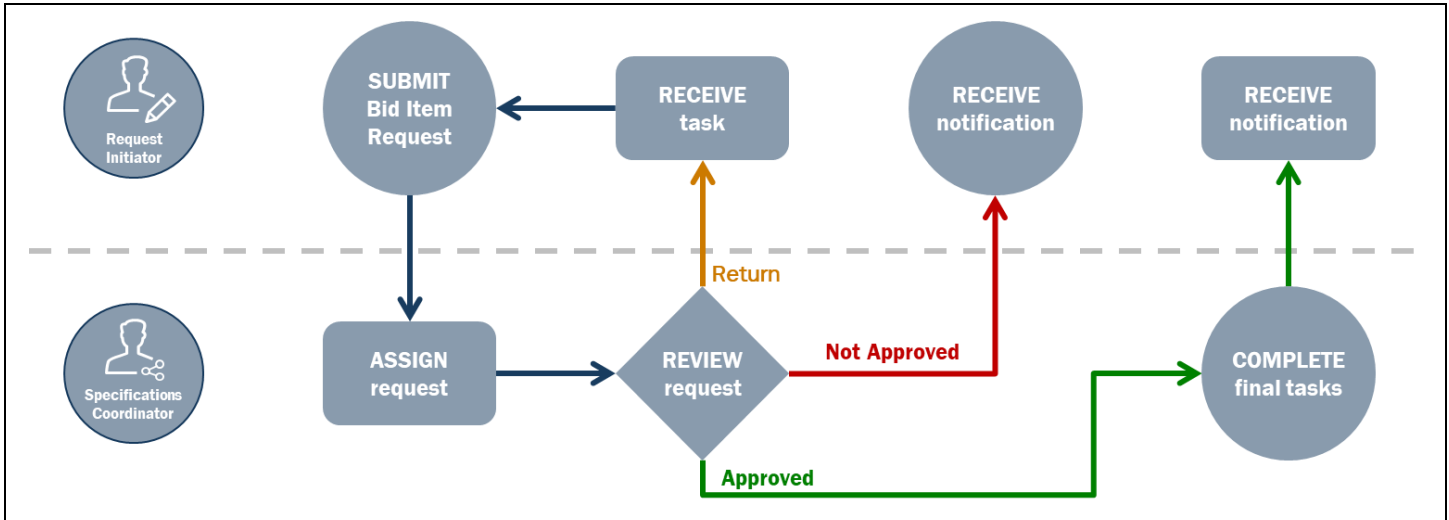
- [Special Specification to Item \[XXX\]](#)
- [Special Provision \[XXXX\]](#)
- [Special Provision to Special Specification \[XXXX\]](#)
- [Special Provision 000](#)



The screenshot shows a web form titled "Bid Item Request: Departmental Material Specifications". The form includes several sections: "District/Division" (dropdown), "Created By" (text: William Boyd), "Work Phone" (text), "Spec Book Year" (dropdown: 2014), "Addendum" (radio buttons: Yes, No), "Deadline Date" (calendar icon), "Funding Type" (dropdown), "Select Use" (dropdown), "Required" (radio), "Optional" (radio), "DMS Title" (text), "DMS" (radio buttons: New, Revision), "DMS Number" (text), "Change Summary" (text), "Comments" (text), "File Upload" (Browse button, Document Type dropdown, Upload button), and a table with columns "File Name", "Created By", and "Created Date". At the bottom right, there are "Save" and "Submit" buttons.

## 12.16. Bid Item Request Workflow

Once submitted, the four requests described above are routed through an automated workflow.



My Tasks					
Project ID	Project Name	Form ID	Task	Submitted By	Created On
		FM00000001005	Bid Item Request Enterprise - Districtwide Use		
<input checked="" type="radio"/> Approve <input type="radio"/> Return <input type="radio"/> Do Not Approve		Comments: FHWA or Industry comments here		Committee Review Date: 10/01/2019	<input type="button" value="Submit"/>

1. The Request Initiator submits the **Bid Item Request**.
2. The Specifications Coordinator receives the request in [My Group List](#) and assigns to himself or herself.
3. The Specifications Coordinator reviews the request in [My Tasks](#) and selects **Approve**, **Not Approve**, or **Return**.

If **Approved**,

4. The Specifications Coordinator enters comments and a **Committee Review Date**, then clicks .
5. The Request Initiator receives a notification that the request was approved. The workflow is **complete**.

If **Not Approved**,

4. The Specifications Coordinator enters comments, then clicks .
5. The Request Initiator receives a notification that the request was not approved. The workflow **ends**.

If **Returned**,

4. the Specifications Coordinator enters comments, then clicks .
5. The Request Initiator receives the request in [My Tasks](#).
6. The Request Initiator may make changes to the form, save, and resubmit.

## 13. Letting Module: Contract Inquiry Search

The Letting tab leads to the Contract Inquiry Search, which displays information about projects that have already let, the vendors who were awarded the contract.

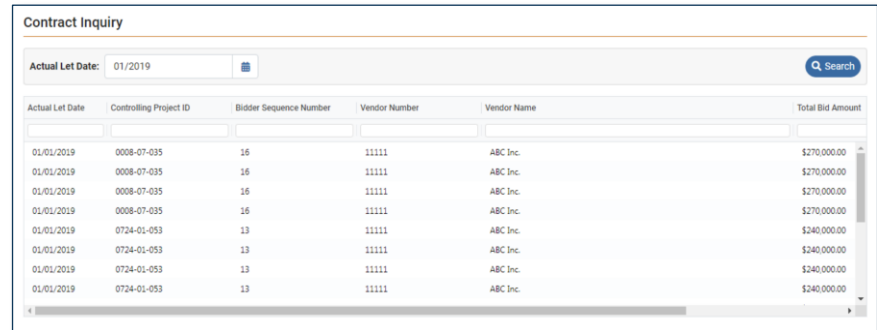


When you select **Letting** from the Top Menu Bar, the menu offers the following options:

### 13.1. Contract Inquiry Search

There are two parts on this page:


- The **Actual Let Date** search
- The **Search Results**

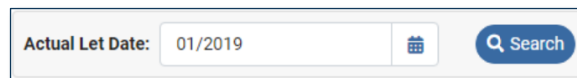


The screenshot shows a search interface for 'Contract Inquiry'. At the top, there is a search bar with 'Actual Let Date: 01/2019' and a 'Search' button. Below this is a table with the following columns: Actual Let Date, Controlling Project ID, Bidder Sequence Number, Vendor Number, Vendor Name, and Total Bid Amount. The table contains 10 rows of data.

Actual Let Date	Controlling Project ID	Bidder Sequence Number	Vendor Number	Vendor Name	Total Bid Amount
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00

### 13.2. Actual Let Date Search Feature

Enter a month in the **Actual Let Date** field, then click  to find projects with that Actual Let Date.



You can also click  to use the **calendar tool** to select the month.

### 13.3. Search Results

The search results display the projects that have an actual let date matching your search criteria.

These search results display information arranged in the following columns:

Actual Let Date	Controlling Project ID	Bidder Sequence Number	Vendor Number	Vendor Name	Total Bid Amount
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0008-07-035	16	11111	ABC Inc.	\$270,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00
01/01/2019	0724-01-053	13	11111	ABC Inc.	\$240,000.00

Column	Description
<b>Actual Let Date</b>	The project's actual let date.
<b>Controlling Project ID</b>	The project's Controlling Project ID.
<b>Bidder Sequence Number</b>	The Bidder Sequence Number of the vendor who bid on the contract.
<b>Vendor Number</b>	The Vendor Number of the vendor who bid on the contract.
<b>Vendor Name</b>	The name of the vendor who bid on the contract.
<b>Total Bid Amount</b>	The total amount that was bid by the vendor.
<b>Let Code</b>	Indicates the status of the contract, with the following descriptions: <ul style="list-style-type: none"> <li>• Before and During Letting Process</li> <li>• Bids Entered and Verified</li> <li>• Bidder Awarded on this Contract</li> <li>• Bids Rejected for this Contract</li> </ul>

## 14. Revision History

Version	Date	Name	Change Description
2.0.0	6/17/19	Ernie Roth	Initial layout.
2.0.1	8/18/19	Will Boyd	First draft review and incorporate feedback.
2.0.2	8/21/19	Will Boyd	Updated based on Sprint 22 functionality.
2.0.3	12/02/19	Steve Chavez	<p><a href="#">Updated based on Sprint 25 and 26. Updated images for change removing "Milestones".</a></p> <p><a href="#">"Responsible Engineer" label changed to "Project Manager".</a></p> <p><a href="#">Engineer's Estimate description/calculation updated.</a></p> <p><a href="#">"Total Construction Cost" updated to "Total Contract Cost".</a></p> <p><a href="#">Added Proposal Guarantee Amount and calculation.</a></p> <p><a href="#">Updated Force Account description.</a></p> <p><a href="#">Updated text and images in the Project Managers section to reflect label changes to "Programming Manager" and "Project Manager".</a></p>