

Microsoft Excel Cost Estimate Export and Import to AASHTOWare Project User Guide

This guide provides the steps to properly export and import an excel project cost estimate into AASHTOWare project (AWP). Additional information regarding the direct development of a project and cost estimate using AWP or Estimator® can be found on our website. Please follow the steps and instructions below:

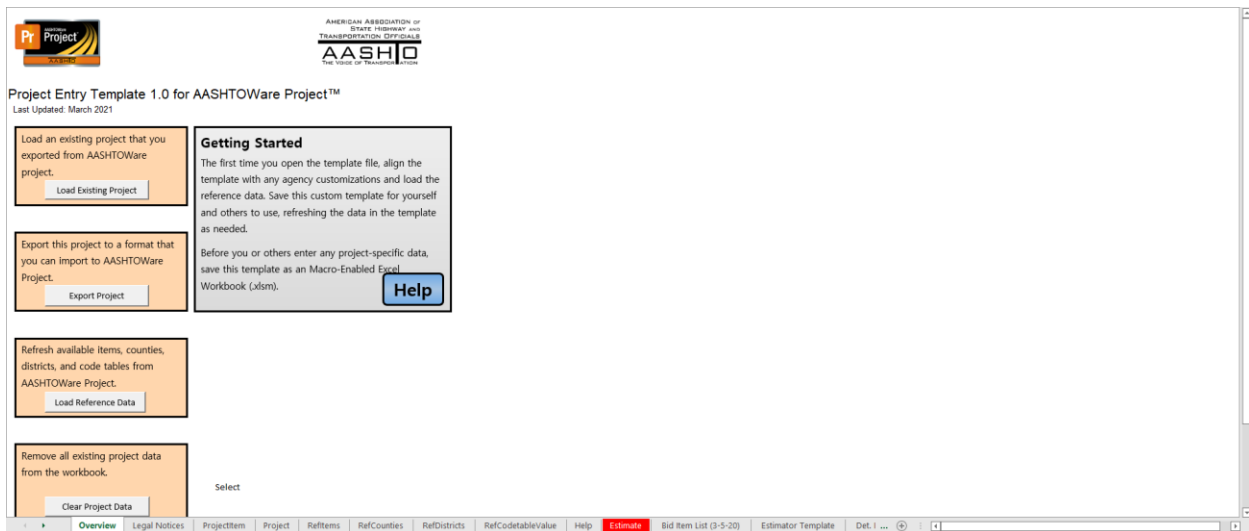
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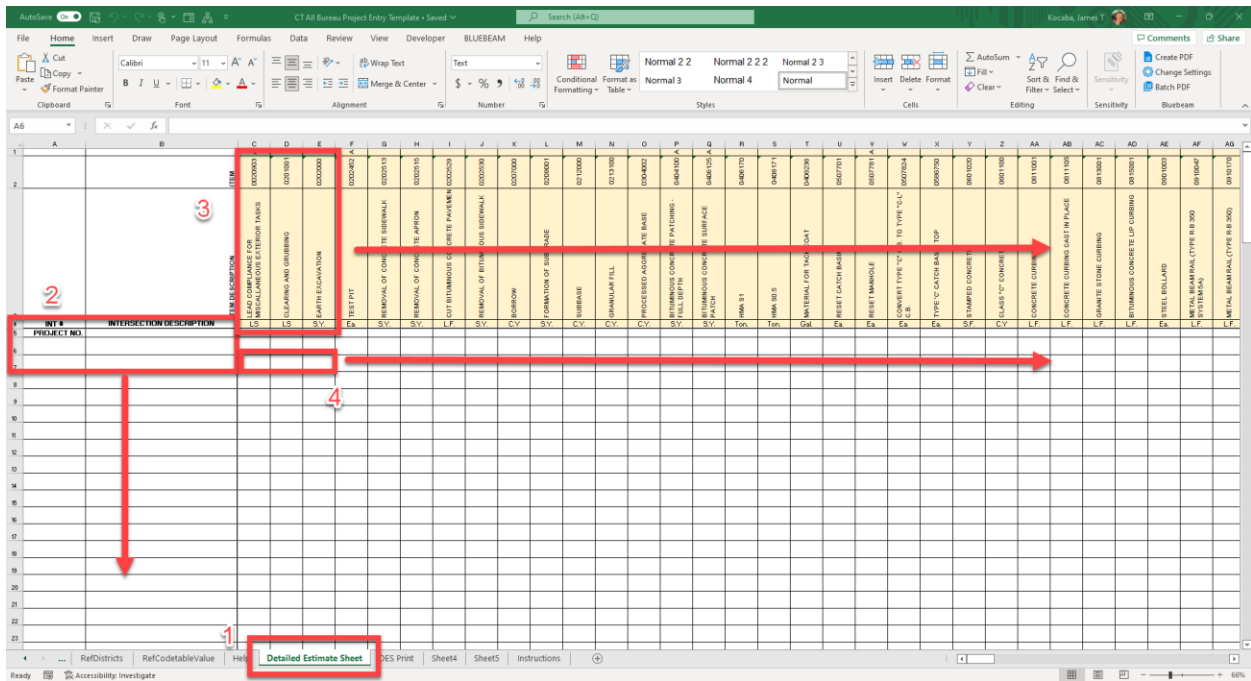
Excel Cost Estimate Data Entry

The expectation is that the cost estimate data entry operation in excel is completed only once. After the excel export and import process is complete the estimate will be modified entirely in AASHTOWare Project. Any modifications to the excel cost estimate must be completed manually.

1. Download CT_All Bureau Project Entry Template. The file is located at the following location:
 - a. <https://portal.ct.gov/DOT/Engineering-Applications/Post-Design---Contract-Management>



2. Navigate to the Detailed Estimate Sheet (1)
3. Enter Asset ID with proper prefix and description using the asset naming conventions below (2)
4. Modify item number, description, special provision indicator information to match project items (3)
5. Enter item quantity data based upon asset location (4)

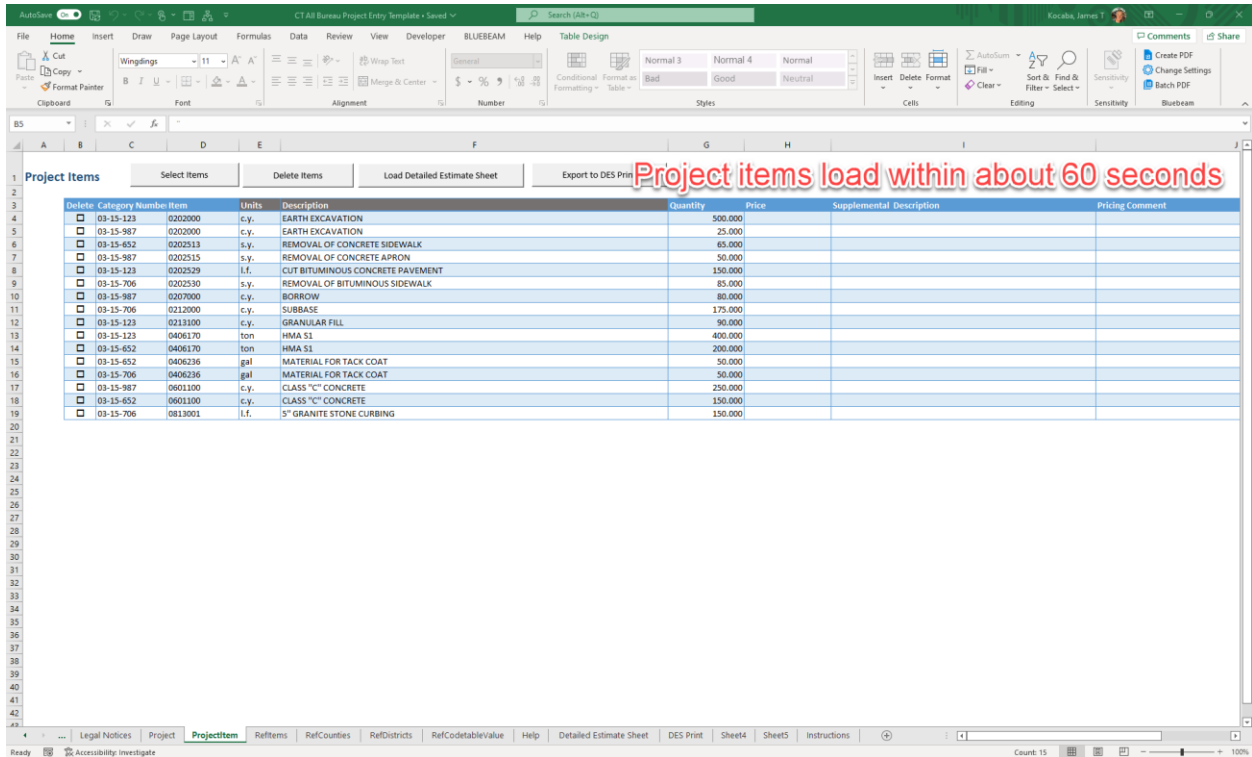
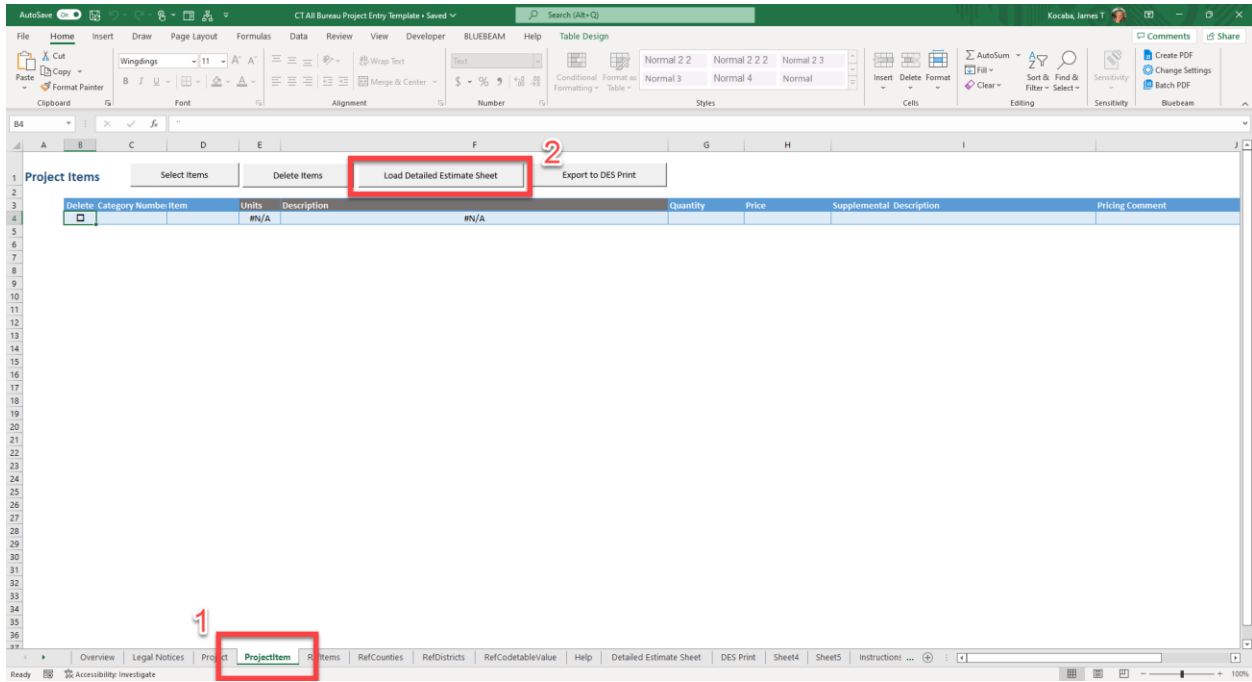


▼ Cost Estimate: Tmpl/AssetCtgr - Asset Category Template

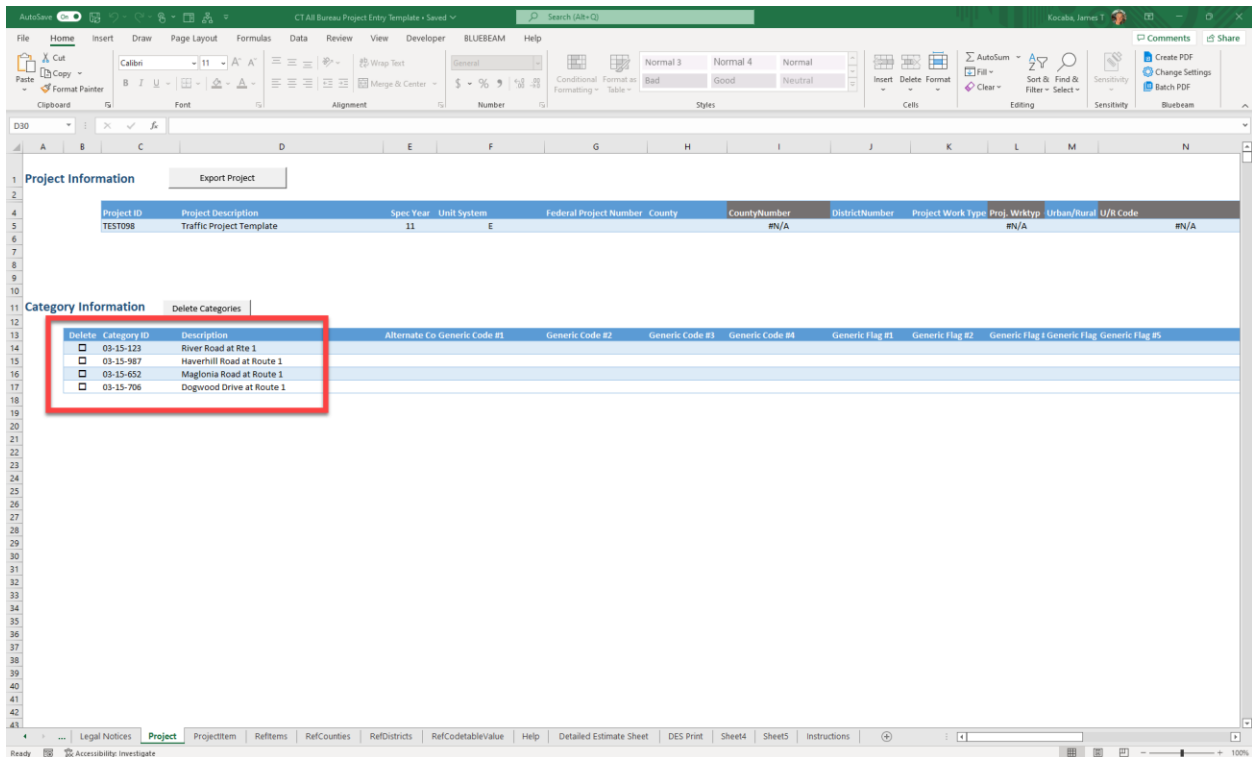
>	01BRGEN	Bridge General
>	02PAVEMENT	Pavement Treatments
>	03TRSGNL-XXX-XXXX	Traffic Signal location and description
>	04SIGN	Sign Location and description
>	05SIGNSPRT-XXX	Sign Support location and description
>	06PVMTMRK	Pavement Markings location and description
>	07HIGHWAYBLDGS	Highway Buildings (Tier 1,2,3) Location and description
>	08RDWYILLMTN	Roadway Illumination location and description
>	09RETAININGWALL	Retaining Walls location and description
>	10DRAINAGE	Drainage Culverts location and description
>	11ITS-XXX	ITS location and description
>	12RDWYSAFHDW	Roadway Safety Hardware - location and description
>	13CURBRAMPS	Curb Ramps - location and description
>	14NOISEWALL	Noise Walls - description and location
>	80CMNLS	Common Lump Sum Items
>	81STDGEN	Standard General (Field Office, etc...)
>	82LNDSCP	Landscape Items
>	83HWYGEN	Highways General
>	84TRAFSFTY	Traffic Safety
>	85ENVRMT	Environmental
>	86NONPARTICIPATING	Non-Participating Contract Items
>	87NONSTATE	Non-State Assets
>	8888	Non-Contract Items

6. Navigate to the ProjectItem tab (1)

7. Select Load Detailed Estimate Sheet button (2). This process can take up to several minutes to complete. The calculating thread display (bottom right of the excel sheet) can be used to monitor behind the scenes calculation progress.

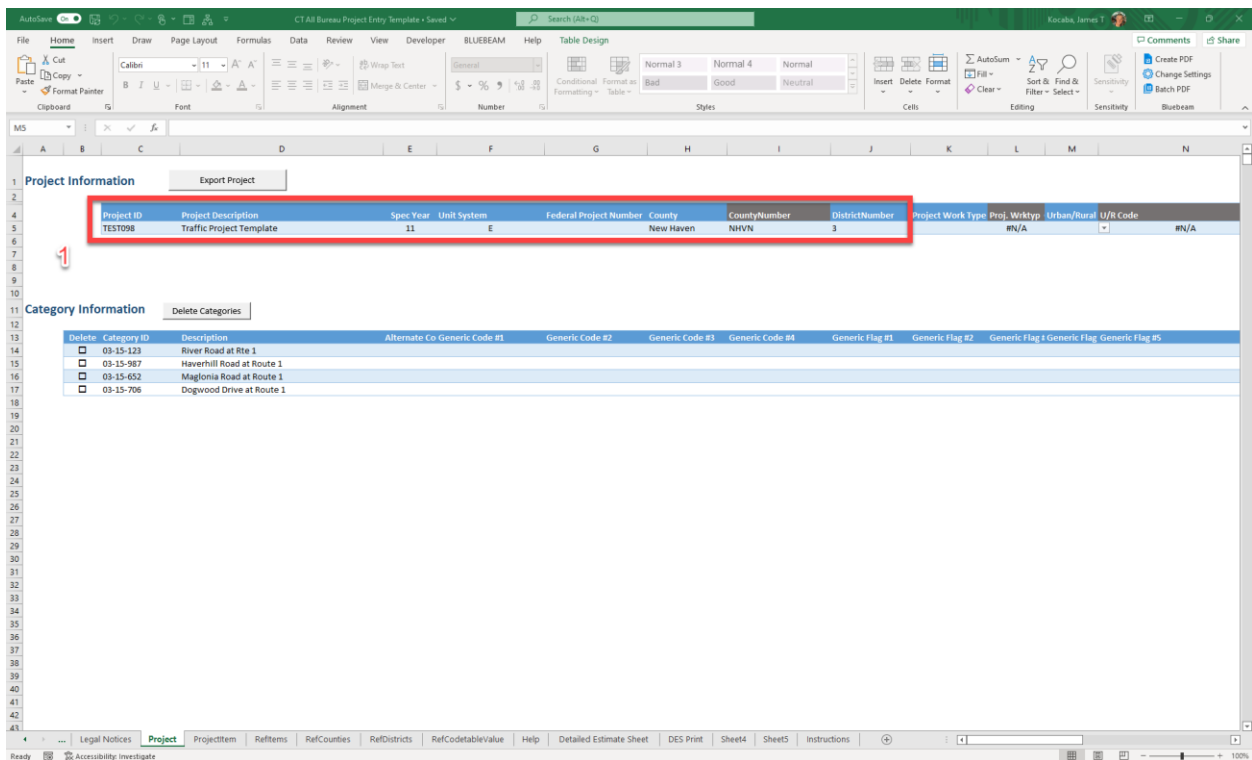


8. Asset categories automatically load with ProjectItems.



9. Ensure that the following Project Information is entered (1):

- a. Project ID
- b. Project Description
- c. Spec Year – Use “11” as default
- d. Unit System – “E” English
- e. County
- f. District



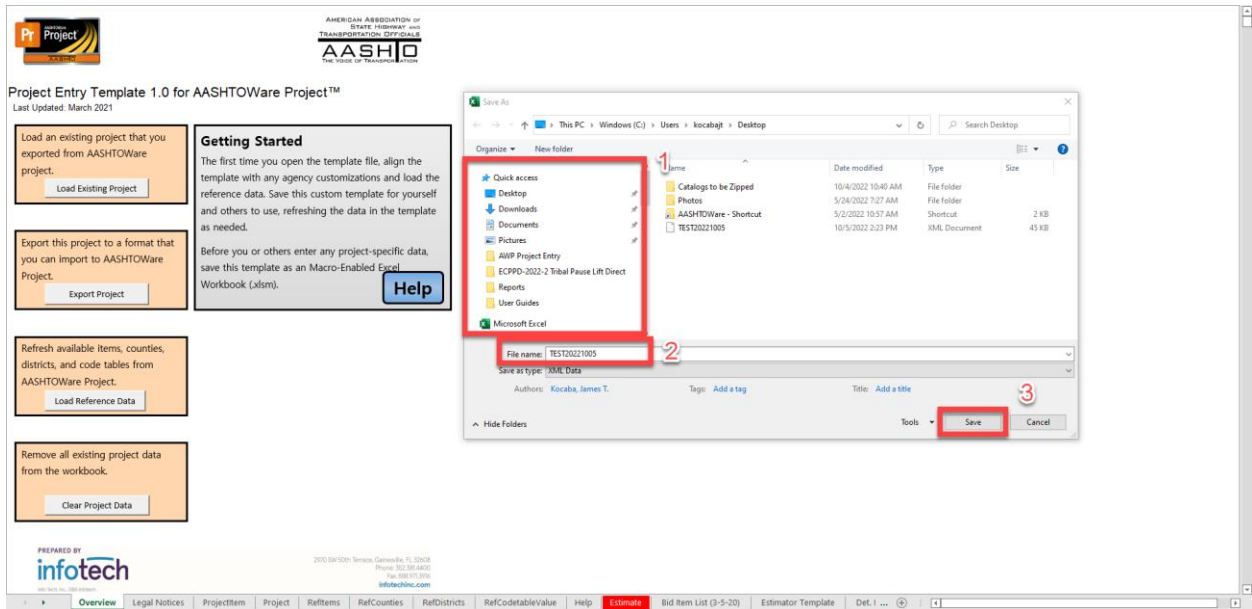
11. Verify that all estimate information is correct

Export Cost Estimate

1. Begin XML project export process
2. Navigate to the "Overview" tab (1)
3. Select "Export Project" (2)
4. If notified, correct all validation errors before proceeding



5. Select XML file download location (1)
6. File name will be the Project ID. It is recommended that this name is remains unchanged (2)
7. Click "Save" (3)



Import Cost Estimate

1. Open AASHTOWare Project and log in with credentials



Username

Password

CONNDOT

[Log On](#)

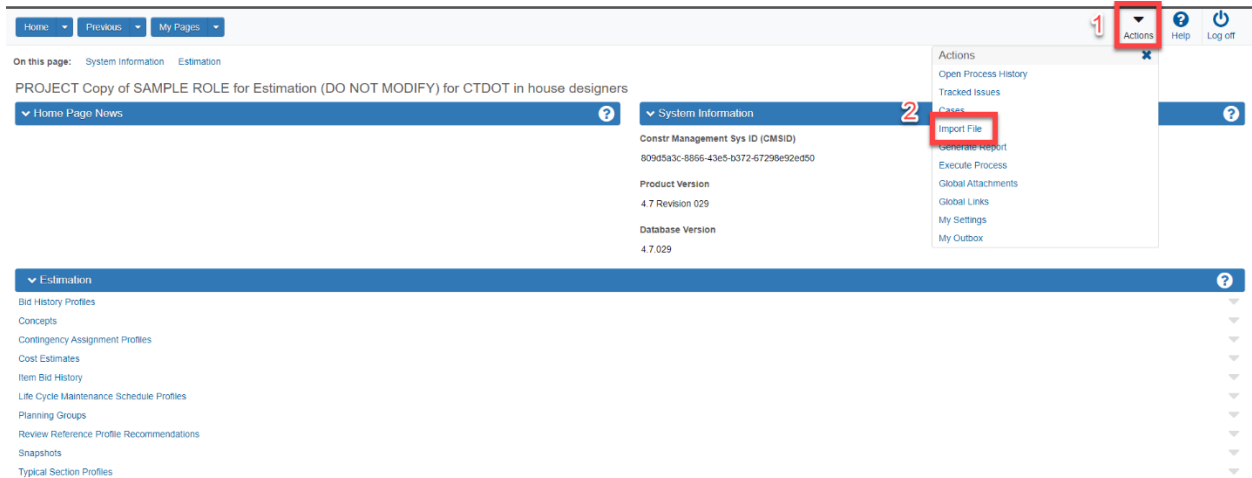
For assistance with Connecticut Department of Transportation's AASHTOWare Project™ system, please contact:
 Agency and Non-Agency Construction users: DOT.AWP-Support@ct.gov
 Agency PreConstruction users: James.Kocaba@ct.gov

Forgot or need to change your password? Please click here – [Reset Password](#)

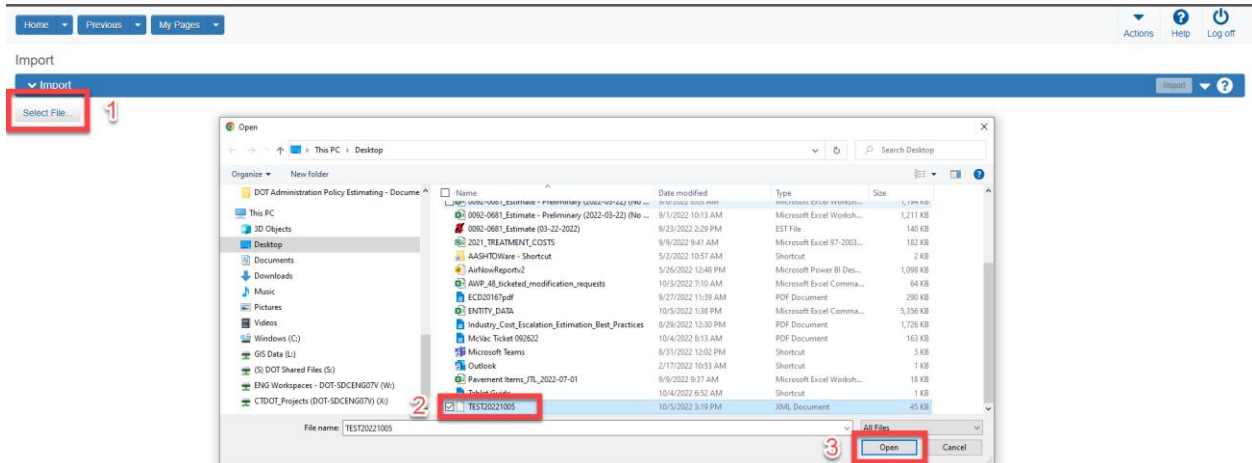
Version 4.7 Revision 029
 Data imported from Prod on 6/03/2022

Updated on 04/14/2022

2. Select the global action drop down arrow (1)
3. Select Import File (2)



4. Select "Select File" (1)
5. Locate and select proper XML file (2)
6. Select "Open" (3)



7. Select "Import Project" under Action (1)
8. Select "Update existing items and ignore blanks" under Options (2)
9. Select "Import" (3)

Home Previous My Pages Actions Help Log off

Import

Estimator Import Import ?

Select File

TEST098.xml 11134 bytes

Action 1

- Import Project
- Checkin Proposal
- Estimation Reference Data
- Import Contract Progress Schedule Projection using xml file
- Import Item Mapping csv file

Name

TEST098

Description

Traffic Project Template

Options 2

- Update existing items and ignore blanks
- Delete all existing items before loading
- Delete project before loading

10. A successful import is shown below

11. Select "Open Project" to view project details (1)

Home Previous My Pages Actions Help Log off

Import Import succeeded. x

Import Import ?

Select File

TEST20221005.xml 45378 bytes **Open Project**

10. Enter any missing project details including Counties, Districts, Points, Road Segments and Bridge Segments and Workflows. More information regarding project and cost estimate modifications can be found in the AASHTOWare Project Cost Estimate Creation User guide at the following location: <https://portal.ct.gov/DOT/Engineering-Applications/Post-Design---Contract-Management>

Home Previous My Pages Actions Help Log off

Overview Categories and Items Cost Estimate Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Item Worksheet Wage Decisions

Project Summary

Project: 0149-0088 - Slope stabilization on Route 45 at Lake Waramaug Brook

Proposal:

General	Project Number 0149-0088	Incidentals and Contingences
Counties	Project Description * Slope stabilization on Route 45 at Lake Waramaug Brook	Highway Type 04 - Minor Arterial
Districts	Spec Book (Item List 11 = Engl, 10 = Metric) * 11	Urban/Rural RUR - Rural
Points	Unit System * English	Historical Inc and Cont-LEAVE BLANK
Road Segments	Federal Project Number 0045 (133)	Primary Project County LTFD - Litchfield
Bridge Segments	Project Work Type GENC - GENERAL CONSTRUCTION	Primary Project District ID 4 - Thomaston
Workflow	Project Item Total 648,587.35	Town 1 * 0149 - WARREN
	State Project Number 0149-0088	Town 2
	Project Engineer WH1e - William.Hogan@ct.gov	Town 3
	Designed By 09 - State Highway Design	Town 4

Create Project Cost Estimate

1. Select "Cost Estimate"

Home Previous My Pages Actions Help Log off

Overview Categories and Items **Cost Estimate** Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Item Worksheet

Project Summary

Project: TEST20221005 - Asset Info Save ?

Proposal:

General

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

Project Number
TEST20221005

Project Description
Asset Info

Spec Book (Item List 11 = Engl, 10 = Metric)
11

Unit System
English

Federal Project Number

Project Work Type
STRC - STRUCTURAL CONCRETE

Project Item Total

State Project Number

Project Engineer

Designed By

Incidentals and Contingences

Historical Inc and Cont-LEAVE BLANK

Primary Project County
LTFD - Litchfield

Primary Project District ID
5 - Statewide (Brewery Stree, New Haven)

Town 1

Town 2

Town 3

Town 4

Town 5

Town 6

2. Enter all necessary cost estimate information

- Construction Year (1)
- Estimated Date (2)
- Letting Date (3)
- Highway Type (4)
- Season (5)
- Terrain (6)

3. Click "Save" (7)

Home Previous My Pages Actions Help Log off

Overview Project Cost Estimate Snapshots

Project Cost Estimate Summary

Project: 0046-0127 - Bridge No. 01524 Save ?

Proposal:

General

Cost Estimates

Project Number
0046-0127

Project Description
Bridge No. 01524

Spec Book (Item List 11 = Engl, 10 = Metric)
11

Unit System
English

Primary Project County
HTFD - Hartford

Primary Project District ID
2 - Nonich

Urban/Rural

Project Work Type

1 Construction Year

2 Estimated Date

3 Letting Date

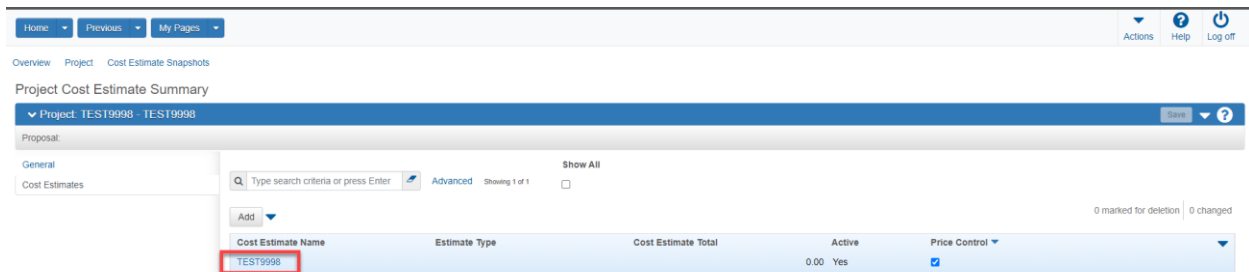
4 Highway Type

5 Season

6 Terrain

Modify Project Cost Estimate Summary

1. Select newly created Cost Estimate



2. Select General Tab (1)

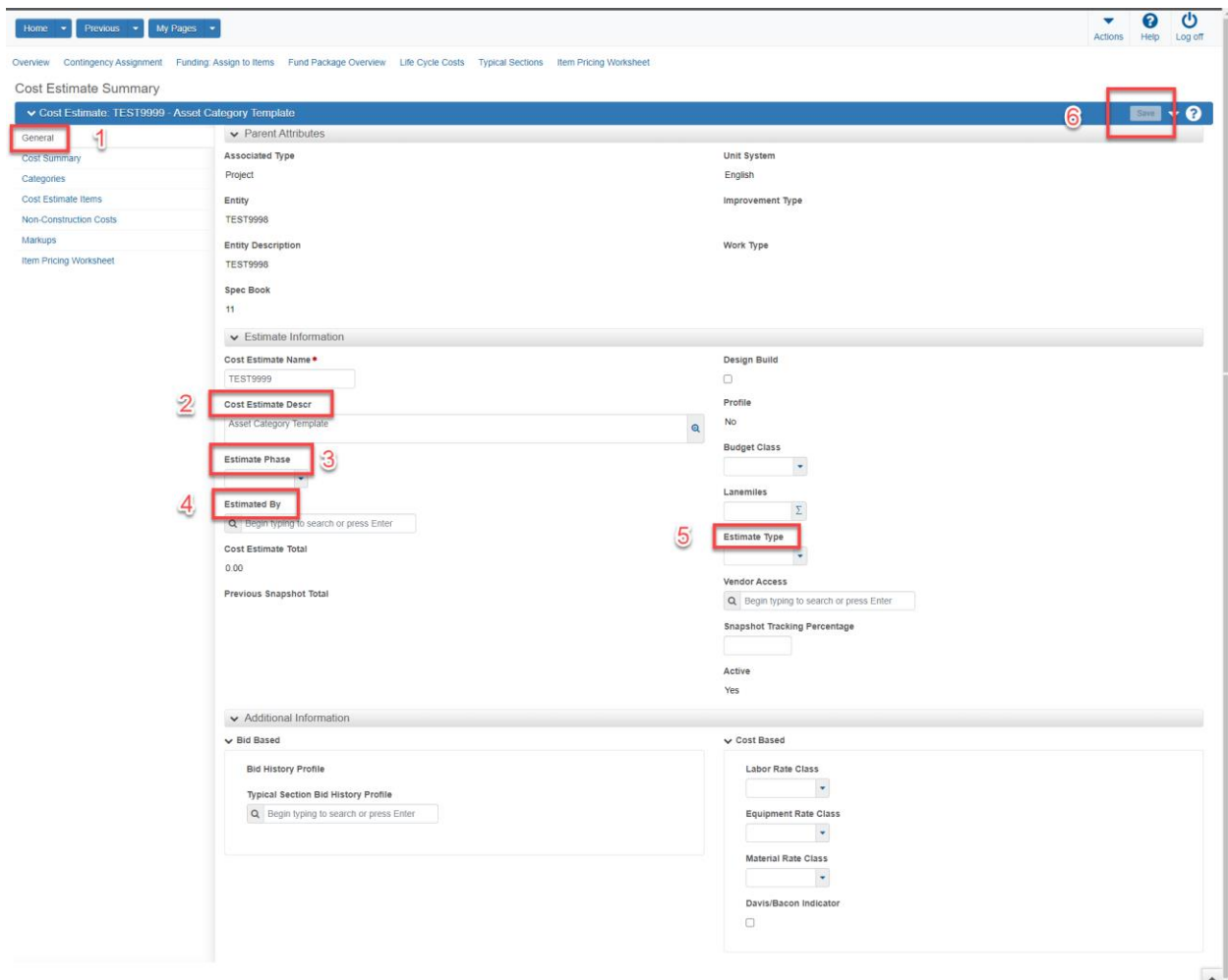
3. Enter a description. The description should match the project description (2)

4. Select Estimate Phase (3)

5. Enter user Estimated by (4)

6. Enter Estimate Type (5)

7. Select Save (6)



Add Bid History Profile to Cost Estimate

If the 3YRENG bid history profile has not been automatically assigned to the cost estimate, please follow the steps below. Look for the automatically assigned default bid history profile here:

1. Select General tab (1)
2. Scroll down to additional information and determine if the default bid history profile 3YRENG has been automatically assigned (2)
3. If the bid history profile space is blank, please go to step five

The screenshot shows the 'Cost Estimate Summary' page for 'TEST9998 - Asset Category Template'. The 'General' tab is selected in the left sidebar, indicated by a red box and a '1'. The 'Bid Based' section under 'Additional Information' is highlighted with a red box and a '2', showing the 'Bid History Profile' set to '3YRENG'. The 'Cost Based' section is also visible.

Parent Attributes	
Associated Type	Unit System
Project	English
Entity	Improvement Type
TEST9998	
Entity Description	Work Type
TEST9998	
Spec Book	
11	

Estimate Information	
Cost Estimate Name *	Design Build
TEST9998	<input type="checkbox"/>
Cost Estimate Descr	Profile
Asset Category Template	No
Estimate Phase	Budget Class
Estimated By	Lanemies
<input type="text"/>	
Cost Estimate Total	Estimate Type
0.00	
Previous Snapshot Total	Vendor Access
	<input type="text"/>
	Snapshot Tracking Percentage
	Active
	Yes

Additional Information	
Bid Based	
Bid History Profile	
3YRENG	
Typical Section Bid History Profile	
<input type="text"/>	
3 Year English Bid History Profile	

Cost Based	
Labor Rate Class	
Equipment Rate Class	
Material Rate Class	
Davis/Bacon Indicator	<input type="checkbox"/>

4. Select cost estimate general tab (1)
5. Select action arrow to the right of Save (2)
6. Select "Select Item Bid History Profile" (3)

Cost Estimate Summary

Cost Estimate: TEST9998 - Asset Category Template

General 1

Parent Attributes

Associated Type

Project

Entity

TEST9998

Entity Description

TEST9998

Spec Book

11

Estimate Information

Cost Estimate Name

TEST9998

Cost Estimate Descr

Asset Category Template

Estimate Phase

Estimated By

Cost Estimate Total

0.00

Previous Snapshot Total

Unit System

English

Improvement Type

Work Type

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Actions

Select Item Bid History Profile... 2

Build Project Items

Calculate Bid Based Prices for all Items

Combine Like Cost Estimate Items

Combine Like Cost Estimate Items and Calculat...

Create Profile From Estimate

Create Snapshot

Export Cost Estimates

Import Snapshot...

Item Bid History Criteria

Select Cost Estimate Items to Calculate Bid Ba...

Transition Cost Estimate to Detail Items

Validate Precual Worktypes

Views

Attachments (0)

Default Bid History Profiles

Issues

Item Pricing Worksheet

Links

Parent Project

Snapshots

Reports

Cost Estimate Budget Class Report

Cost Estimate Contingency Report

Cost Estimate Formula Information Report

Cost Estimate Scope Tracking Report

3

7. Select 3YRENG Bid History Profile (1)
8. Select "Copy Profile to Cost Estimate" (2)

Select Item Bid History Profile

Type search criteria or press Enter Advanced Showing 4 of 4

Bid History Profile	Description	User Defined	Cost Estimate Name
1YRENG	1 Year English Bid History Profile	No	
3YRENG	3 Year English Bid History Profile	No	
3YRENGCOPY	3 Year English Bid History Profile	No	
5YRENG	5 Year English Bid History Profile	No	

1 selected

Copy Profile to Cost Estimate 2

9. Proper bid history profile has been added to the cost estimate

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: TEST9998 - Asset Category Template

General

Parent Attributes

Associated Type
Project
Entity
TEST9998
Entity Description
TEST9998
Spec Book
11

Unit System
English
Improvement Type
Work Type

Estimate Information

Cost Estimate Name
TEST9998

Cost Estimate Descr
Asset Category Template

Estimate Phase

Estimated By
Begin typing to search or press Enter

Cost Estimate Total
0.00

Previous Snapshot Total

Design Build

Profile
No

Budget Class

Lanemiles

Estimate Type

Vendor Access
Begin typing to search or press Enter

Snapshot Tracking Percentage

Active
Yes

Additional Information

Bid Based

Bid History Profile
3YRENG

Typical Section Bid History Profile

3YRENG
3 Year English Bid History Profile

Cost Based

Labor Rate Class

Equipment Rate Class

Material Rate Class

Davis/Bacon Indicator

Modify Project Cost Estimate Categories

1. Select Category tab (1)

Cost Estimate Summary

Cost Estimate: Tmpl/AssetCtgr - Asset Category Template

Categories

Category	Federal Asset Work Type	Category Descr	Category Total
> 01BR-XXXX		Bridge location and description	
> 01BRGEN		Bridge General	
> 02PAVEMENT		Pavement Treatments	
> 03TRSGNL-XXX-XXXX		Traffic Signal location and description	
> 04SIGN		Sign Location and description	
> 05SIGNSPRT-XXX		Sign Support location and description	
> 06PVMTRK		Pavement Markings location and description	
> 07HIGHWAYBLDGS		Highway Buildings (Tier 1.2.3) Location and description	
> 08RDWYLLMTN		Roadway Illumination location and description	
> 09RETAININGWALL		Retaining Walls location and description	
> 10DRAINAGE		Drainage Culverts location and description	
> 11ITS-XXX		ITS location and description	
> 12RDWYSAFHWD		Roadway Safety Hardware - location and description	
> 13CURBRAMPS		Curb Ramps - location and description	
> 14NOISEWALL		Noise Walls - description and location	
> 80CMNLS		Common Lump Sum Items	
> 81STDGEN		Standard General (Field Office, etc.)	
> 82LNDSCP		Landscape Items	
> 83HWYGEN		Highways General	
> 84TRAFSFTY		Traffic Safety	
> 85ENVRMT		Environmental	
> 86NONPARTICIPATING		Non-Participating Contract Items	
> 87NONSTATE		Non-State Assets	
> Category	Federal Asset Work Type	Category Descr	Category Total
> 8888		Non-Contract Items	

2. Remove all cost estimate categories that will not be assigned to the estimate
3. Select action arrow to the right of each category to be deleted

Cost Estimate Summary

Cost Estimate: Tmpl/AssetCtgr - Asset Category Template

Categories

Category	Federal Asset Work Type	Category Descr	Category Total
> 01BR-XXXX		Bridge location and description	
> 01BRGEN		Bridge General	
> 02PAVEMENT		Pavement Treatments	
> 03TRSGNL-XXX-XXXX		Traffic Signal location and description	
> 04SIGN		Sign Location and description	
> 05SIGNSPRT-XXX		Sign Support location and description	
> 06PVMTRK		Pavement Markings location and description	
> 07HIGHWAYBLDGS		Highway Buildings (Tier 1.2.3) Location and description	
> 08RDWYLLMTN		Roadway Illumination location and description	
> 09RETAININGWALL		Retaining Walls location and description	
> 10DRAINAGE		Drainage Culverts location and description	
> 11ITS-XXX		ITS location and description	
> 12RDWYSAFHWD		Roadway Safety Hardware - location and description	
> 13CURBRAMPS		Curb Ramps - location and description	
> 14NOISEWALL		Noise Walls - description and location	
> 80CMNLS		Common Lump Sum Items	

Actions

- Delete
- Duplicate Row
- Exclude from Search Results
- Insert Row
- Views
- Attachments (0)
- Links
- Tracked Issues

1. If a duplicate category is required, select action item drop down arrow (1)
2. Select Duplicate Row (2)
3. Enter new Category ID (3)
4. Enter new Category Description (4)
5. Click "Save" (5)

Cost Estimate: 0999-0999-TST - Cost Estimate for Train There are unsaved changes.

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Q Type search criteria or press Enter

CategoryIDSort Showing 12 of 12

1 added | 0 marked for deletion | 0 changed

ID	Category Descr	Category Total	Actions
01BR-01987	195 NB over Big River	646,392.00	<ul style="list-style-type: none"> Delete Duplicate Row Exclude from Search Results Insert Row Views Attachments (0) Links Tracked Issues
01BR-01987	195 NB over Big River	646,392.00	
01BRGEN	Bridge General		
02PAVEMENT	Pavement Treatments	59,310.00	
06PVMTRK	Pavement Markings location and description		
10DRAINAGE	Drainage Culverts location and description		
12RDWYSAFHDW	Roadway Safety Hardware - location and description		
80CMNLS	Common Lump Sum Items	9,586.94	
81STDGEN	Standard General (Field Office, etc.)	100,000.00	
83HWYGEN	Highways General	152,992.44	
84TRAFSFTY	Traffic Safety		
85ENVRMT	Environmental		
8888	Non-Contract Items		

Add Individual Cost Estimate Items

After the cost estimate has been generated and proper asset categories added the user can begin to add cost estimate items.

1. Select and navigate to Item Pricing Worksheet

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet** Actions Help Log off

Cost Estimate Summary

Cost Estimate: 0103-0277TEST Big Bridge over small river Save ?

General

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Annualization

Parent Attributes

Associated Type

Project

Entity

0103-0277TEST

Entity Description

Big Bridge over small river

Spec Book

11

Estimate Information

Cost Estimate Name

0103-0277TEST

Cost Estimate Descr

Big Bridge over small river

Estimate Phase

Estimated By

Cost Estimate Total

0.00

Previous Snapshot Total

Unit System

English

Improvement Type

Work Type

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

2. Select "New"

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 1 of 1

Total Cost Estimate Items
0.00

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000				Yes

New Select Items...

Showing 1 of 1

3. Select Category/Asset ID

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save Complete X

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 1 of 1

Total Cost Estimate Items
0.00

8888	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	Quantity	Unit Price	Ext Amt	Supp Descr	Active

Begin typing to search or press Enter

- 01-XXXX Bridge location and description
- 02-XXXX Pavement Treatments
- 03-XXXX Traffic Signal location and description
- 04-XXXX Sign Location and description
- 05-XXXX Sign Support location and description
- 06-XXXX Pavement Markings location and description
- 07-XXXX Highway Buildings (Tier 1,2,3) Location and description

Showing 10 of 17

4. Enter proper Item number or search for item description

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 1 of 1

Total Cost Estimate Items
0.00

8888	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	Quantity	Unit Price	Ext Amt	Supp Descr	Active
		0201001	CLEARING AND GRUBBING	LS					Yes

New Select Items...

Showing 1 of 1

5. Enter quantity

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save Complete X

Item Pricing Worksheet Save ?

Type search criteria or press Enter System Default Showing 2 of 2

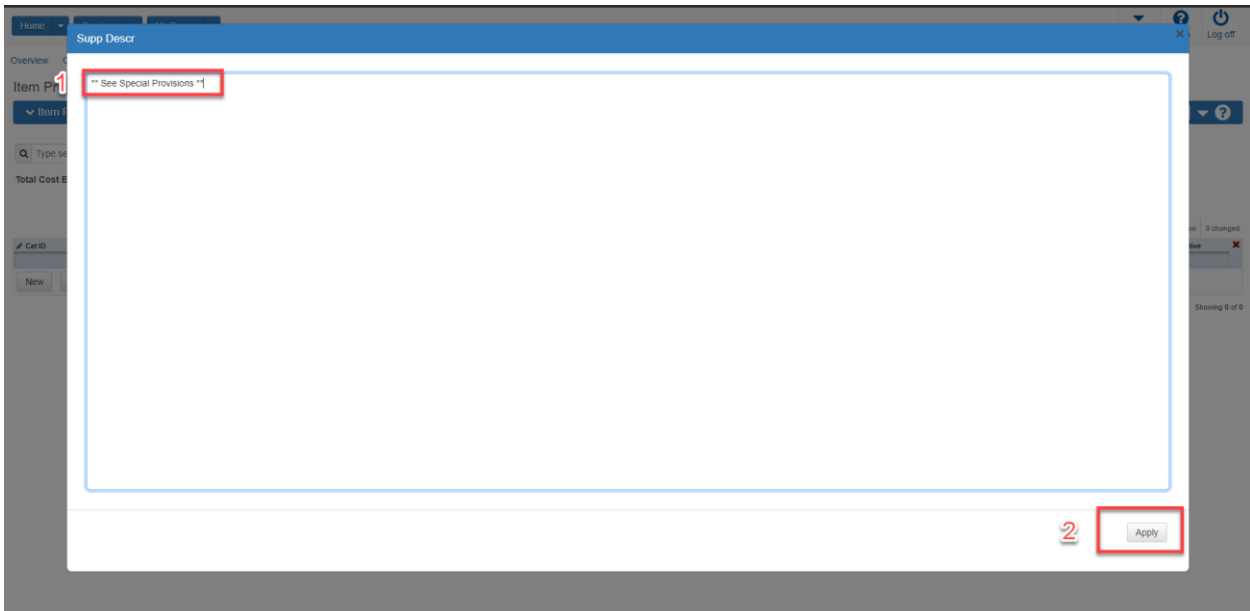
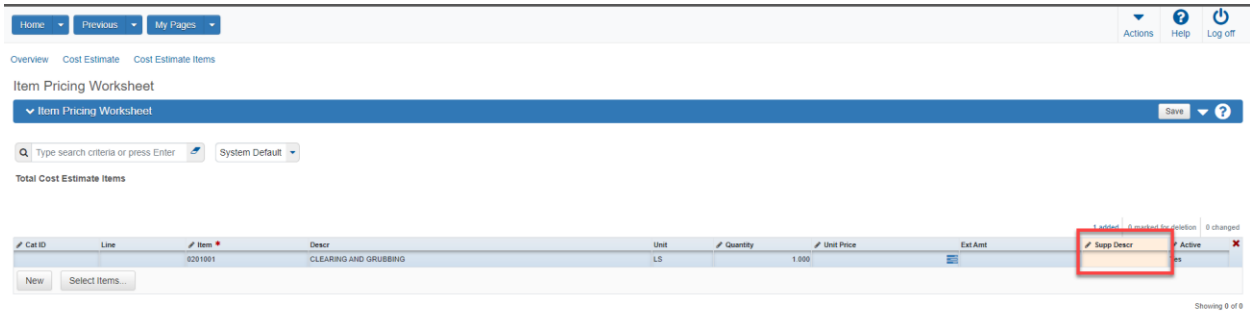
Total Cost Estimate Items
0.00

8888	10	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	Quantity	Unit Price	Ext Amt	Supp Descr	Active
					1.000				Yes
	20	0201001	CLEARING AND GRUBBING	LS	1.000				Yes

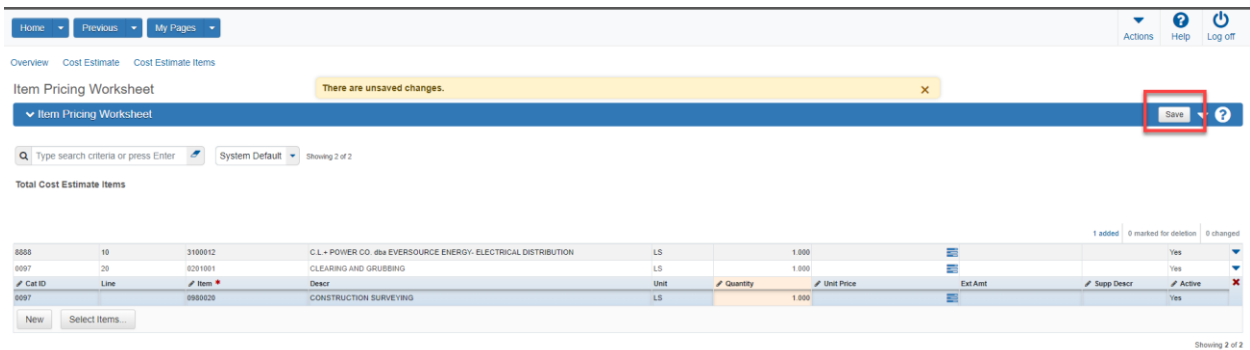
New Select Items...

Showing 2 of 2

6. Double click on "Supp Descr" if required
7. Enter "*** See Special Provisions ***" (1)
8. Select Apply (2)



9. Select Save



Add Multiple Cost Estimate Items

1. Scroll to the bottom of the estimate and Click "Select Items"

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q Type search criteria or press Enter System Default Showing 3 of 3

Total Cost Estimate Items
0.00

CatID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Active
888	10	3100012	C.L. POWER CO. aka EVERSOURCE ENERGY: ELECTRICAL DISTRIBUTION	LS		1,000			Yes
097	20	0201001	CLEARING AND GRUBBING	LS		1,000			Yes
097	30	0900020	CONSTRUCTION SURVEYING	LS		1,000			Yes

New Select Items

Showing 3 of 3

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q Type search criteria or press Enter System Default

Select: All None

0 selected

Enter search criteria above to see results or Show first 10

Add to Cost Estimate Item

No rows found matching criteria

New Select Items

Showing 0 of 0

2. Search for item description (1), item number (2) or portion of an item number (3)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q concrete Advanced Showing 50 of 579

0 selected

Item	Descr	Unit
0000377	ELECTRICAL DUCT BANK, 8-4" CONCRETE ENCASED PVC IN TURF	lf - Linear Foot
0000383	ELECTRICAL DUCT BANK, 8-4" CONCRETE ENCASED PVC IN PAVEMENT	lf - Linear Foot
0007509	PRECAST CONCRETE MANHOLE (TYPE VI)	ea - Each
0020761	HANDLING & DISPOSAL OF CONTAMINATED CONCRETE	ton - Ton
0020771	HANDLING & DISPOSAL OF TSCA-HAZARDOUS CONCRETE	ton - Ton
0090002	ENCASE STEEL BASE IN CONCRETE	ea - Each
0090003	REPLACE CONCRETE TOPPING	ea - Each
0090015	PAINT CONCRETE FOUNDATION	ea - Each
0090054	REPAIR FOUNDATION WITH REINFORCED CONCRETE	ea - Each
0090115	PRECAST CONCRETE SAND TRAP	LS - LUMP SUM
0090116	PRECAST CONCRETE VALVE PIT	LS - LUMP SUM
0090117	PRECAST CONCRETE SAND TRAP	ea - Each
0100084	PRECAST CONCRETE TROUGH	lf - Linear Foot
0100085	PRECAST CONCRETE FUEL LINE PIT	ea - Each
0100038	CARL F TROUGH HIGH DENSITY POLYMER CONCRETE	lf - Linear Foot

Add to Cost Estimate Item

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q 0971001 Advanced Showing 1 of 1

Select: All None

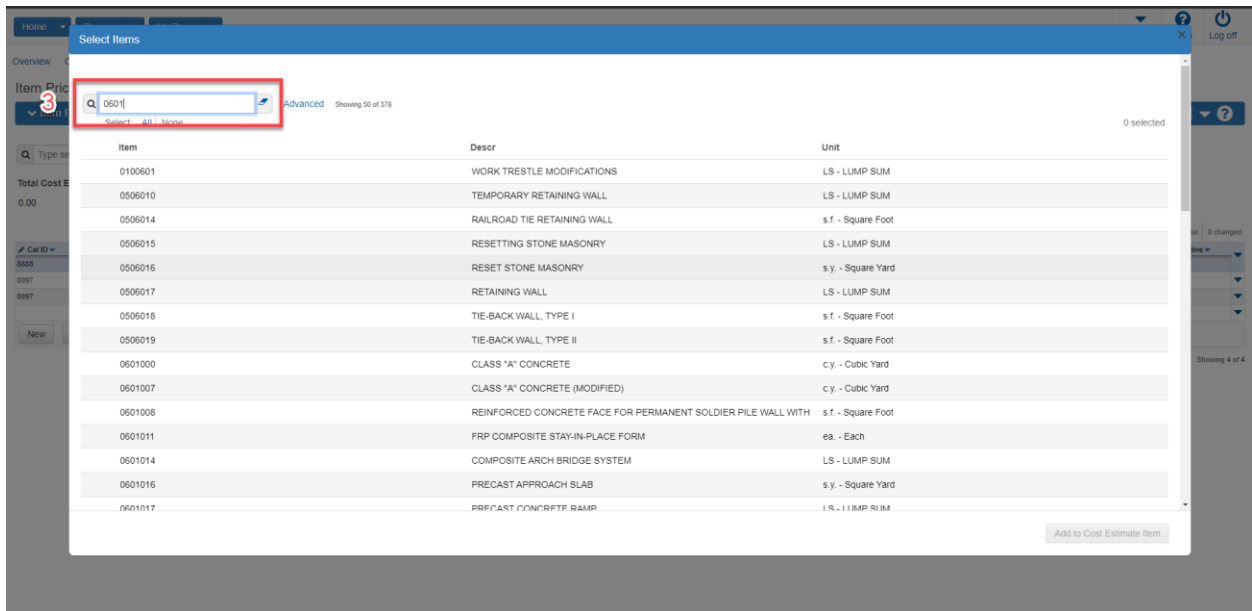
0 selected

Item	Descr	Unit
0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS - LUMP SUM

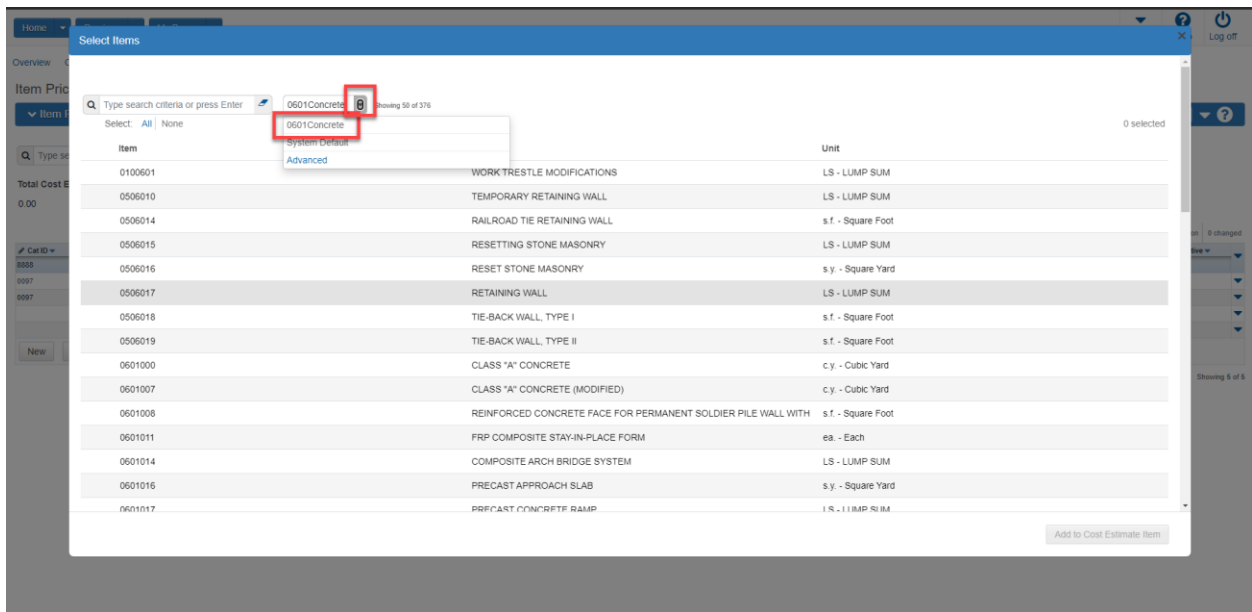
Add to Cost Estimate Item

New Select Items

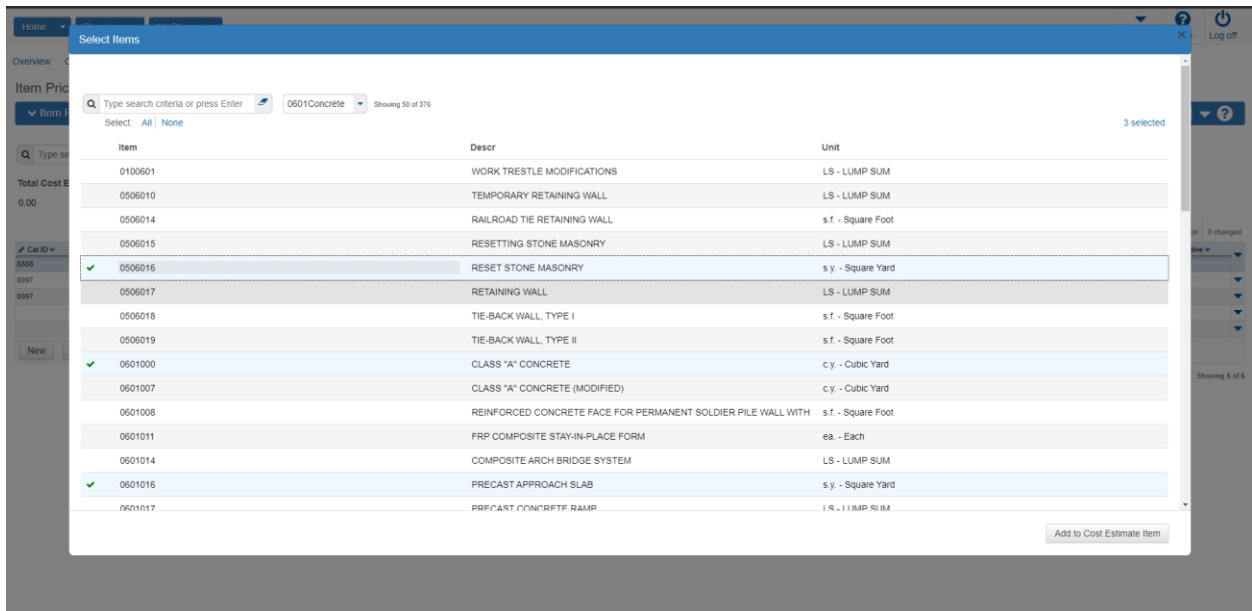
Showing 3 of 3



3. Users can also search for groups of items using filter functions



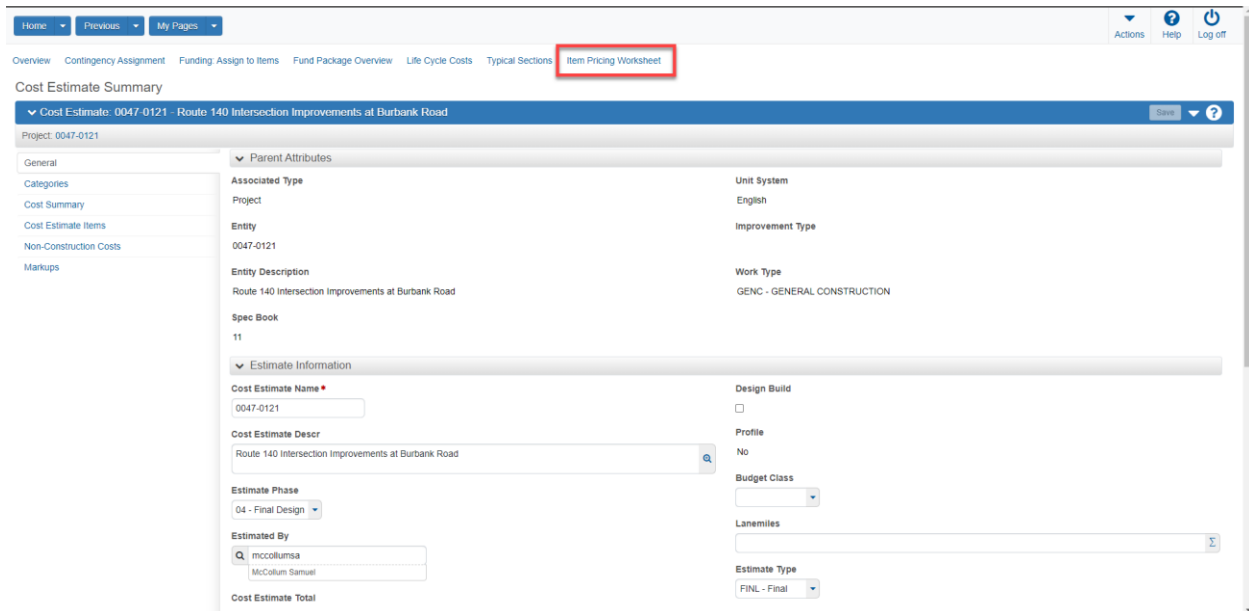
4. Select multiple items as needed



Non-Bid Items – Utilities, State Police and Work by State Forces

All non-bid items that are added to the estimate must not contribute to the total construction costs. Prior to building project items, the “Contribute to Total Construction Costs” checkbox must be unselected and the "Exclude from Reference Price Calculation" selected for all non-bid items.

1. Navigate to the “Item Pricing Worksheet”



2. Filter Non-Bid Items

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter 8888NonBid Showing 5 of 5

Total Cost Estimate Items
1,537,461.31

8888NonBid
Temporary
ItemIDSort
8888NonBid
Advanced

Cat ID	Line	Item	System Default	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	0 added	0 marked for deletion	0 changed
8888	97	3000191	Advanced	LS	1.000	81,000.00000	81,000.00		No	Yes	Yes
8888	101	3100161	S.N.E.T.D.B.A. FRONTIER COMM. OF CT	LS	1.000	50,500.00000	50,500.00		Yes	No	Yes
8888	102	3100262	LIGHTOWER FIBER NETWORKS I, LLC dba CROWN CASTLE FIBER	LS	1.000	2,050.00000	2,050.00		No	Yes	Yes
8888	103	3100256	COMCAST OF CONNECTICUT, INC.	LS	1.000	5,011.31000	5,011.31		No	Yes	Yes
8888	104	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000				Yes	No	Yes

New Select Items... Showing 5 of 5

3. Double click "Cntrb" field and remove checkmark.

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet There are unsaved changes. X

Item Pricing Worksheet Save ?

Type search criteria or press Enter 8888NonBid Showing 5 of 5

Total Cost Estimate Items
1,537,461.31

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	0 added	0 marked for deletion	1 changed
8888	97	3000191	TRAFFICMEN (STATE POLICE OFFICERS)	LS	1.000	81,000.00000	81,000.00		No	Yes	Yes
8888	101	3100161	S.N.E.T.D.B.A. FRONTIER COMM. OF CT	LS	1.000	50,500.00000	50,500.00		Yes	No	Yes
8888	102	3100262	LIGHTOWER FIBER NETWORKS I, LLC dba CROWN CASTLE FIBER	LS	1.000	2,050.00000	2,050.00		No	Yes	Yes
8888	103	3100256	COMCAST OF CONNECTICUT, INC.	LS	1.000	5,011.31000	5,011.31		No	Yes	Yes
8888	104	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000				Yes	No	Yes

New Select Items... Showing 5 of 5

4. Double click "Excl'd" field and activate the checkbox field.

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet There are unsaved changes. X

Item Pricing Worksheet Save ?

Type search criteria or press Enter 8888NonBid Showing 5 of 5

Total Cost Estimate Items
1,537,461.31

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	0 added	0 marked for deletion	1 changed
8888	97	3000191	TRAFFICMEN (STATE POLICE OFFICERS)	LS	1.000	81,000.00000	81,000.00		No	Yes	Yes
8888	101	3100161	S.N.E.T.D.B.A. FRONTIER COMM. OF CT	LS	1.000	50,500.00000	50,500.00		Yes	No	Yes
8888	102	3100262	LIGHTOWER FIBER NETWORKS I, LLC dba CROWN CASTLE FIBER	LS	1.000	2,050.00000	2,050.00		No	Yes	Yes
8888	103	3100256	COMCAST OF CONNECTICUT, INC.	LS	1.000	5,011.31000	5,011.31		No	Yes	Yes
8888	104	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000				Yes	No	Yes

New Select Items... Showing 5 of 5

5. Select "Save"

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter 8888NonBid Showing 5 of 5

Total Cost Estimate Items
1,537,461.31

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	0 added	0 marked for deletion	1 changed
8888	97	3000191	TRAFFICMEN (STATE POLICE OFFICERS)	LS	1.000	81,000.00000	81,000.00		No	Yes	Yes
8888	101	3100161	S.N.E.T.D.B.A. FRONTIER COMM. OF CT	LS	1.000	50,500.00000	50,500.00		Yes	No	Yes
8888	102	3100262	LIGHTOWER FIBER NETWORKS I, LLC dba CROWN CASTLE FIBER	LS	1.000	2,050.00000	2,050.00		No	Yes	Yes
8888	103	3100256	COMCAST OF CONNECTICUT, INC.	LS	1.000	5,011.31000	5,011.31		No	Yes	Yes
8888	104	3100012	C.L. + POWER CO. dba EVERSOURCE ENERGY- ELECTRICAL DISTRIBUTION	LS	1.000				Yes	No	Yes

New Select Items... Showing 6 of 5

Common Lump Sum Items

All common lump sum items that are added to the estimate must contribute to the total construction costs. Prior to building project items, the “Contribute to Total Construction Costs” and “Exclude from Reference Price Calculation” checkbox must be activated.

1. Navigate to the “Item Pricing Worksheet”

The screenshot shows the software's navigation menu at the top. The 'Item Pricing Worksheet' option is highlighted with a red box. Below the navigation bar, the 'Cost Estimate Summary' for '0047-0121 - Route 140 Intersection Improvements at Burbank Road' is displayed. The 'Parent Attributes' section is expanded, showing details for the project, entity, and estimate information.

2. Filter Common Lump Sum Items

The screenshot shows the 'Item Pricing Worksheet' interface. A search bar at the top left contains the text '80CMNLS'. A dropdown menu is open below the search bar, listing several options: 'Temporary', 'ItemIDSort', '80CMNLS', '8888NonBid', and 'System Default'. The '80CMNLS' option is highlighted with a red box. Below the search bar, a table of cost estimate items is visible, with columns for 'CatID', 'Line', 'Item', 'Unit', 'Quantity', 'Unit Price', 'Ext Amt', 'Supp Descr', 'Cntrb', 'Active', and 'Excl'. The table contains four rows of data.

3. Double click “Cntrb” field and activate checkmark.

The screenshot shows the 'Item Pricing Worksheet' interface. A yellow notification bar at the top indicates 'There are unsaved changes.' The search bar at the top left contains the text '80CMNLS'. Below the search bar, the table of cost estimate items is visible. The 'Cntrb' field in the first row of the table is double-clicked, and a checkmark is visible in the field, indicating that the 'Contribute to Total Construction Costs' checkbox is activated.

4. Double click "Excl'd" field and activate checkmark

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet There are unsaved changes. Save

Item Pricing Worksheet

Type search criteria or press Enter 80CMNLS Showing 4 of 4

Total Cost Estimate Items
1,537,461.31

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Cmb	Active	Excl'd
80CMNLS	65	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000	228,860.00000	228,860.00	** See Special Provisio...	Yes	Yes	Yes
80CMNLS	98	0201001	CLEARING AND GRUBBING	LS	1.000	325,148.00000	325,148.00	** See Special Provisio...	Yes	Yes	No
80CMNLS	99	0980020	CONSTRUCTION SURVEYING	LS	1.000	97,544.00000	97,544.00		Yes	Yes	No
80CMNLS	100	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	325,148.00000	325,148.00		Yes	Yes	No

New Select Items...

Showing 4 of 4

5. Select "Save"

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save

Item Pricing Worksheet

Type search criteria or press Enter 80CMNLS Showing 4 of 4

Total Cost Estimate Items
1,537,461.31

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Cmb	Active	Excl'd
80CMNLS	65	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000	228,860.00000	228,860.00	** See Special Provisio...	Yes	Yes	Yes
80CMNLS	98	0201001	CLEARING AND GRUBBING	LS	1.000	325,148.00000	325,148.00	** See Special Provisio...	Yes	Yes	No
80CMNLS	99	0980020	CONSTRUCTION SURVEYING	LS	1.000	97,544.00000	97,544.00		Yes	Yes	No
80CMNLS	100	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000	325,148.00000	325,148.00		Yes	Yes	No

New Select Items...

Showing 4 of 4

Add Common Lump Sum Item Reference Price

1. Navigate to the Item Pricing Worksheet

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet**

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba. Please do not delete. Save

Project: 0999-0999-TST

General

Parent Attributes

Associated Type
Project

Unit System
English

Improvement Type

Entity
0999-0999-TST

Entity Description
Test project created by James Kocaba for Estimation training

Work Type

Spec Book
11

Estimate Information

Cost Estimate Name
0999-0999-TST

Design Build

Profile
No

Budget Class
[Dropdown]

Estimated By
CONNDOT\kocabaj
Kocaba James

Lanemiles
[Text Field]

Estimate Type
[Dropdown]

Cost Estimate Total
.....

Vendor Address

2. Select the three blue bar icon in the unit price field of the common lump sum item (1)
3. Select the "Reference Hyperlink" (2)

Home Previous My Pages Actions Help Log Off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Type search criteria or press Enter ItemNumLH Showing 11 of 11

Total Cost Estimate Items
975,983.68

Call ID	Line	Item	Description	Unit	Quantity	Unit Price	Ext	Method	Price	Active	Regres	Yes	No
01ST02EN	10	0001P68A	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000	100.00	100.00	Reference		<input type="checkbox"/>			
02CMNLS	6	0201001	CLEARING AND GRUBBING	LS	1.000			Cost Based		<input type="checkbox"/>			
03HWYGEN	1	0202000	EARTH EXCAVATION	c.y.	1,000,000	42.45000	42,450,000	Maintain Item Price Task		<input type="checkbox"/>			
03PAVEMENT	11	0202000	EARTH EXCAVATION	c.y.	1,500,000	39.54000	59,310,000			<input type="checkbox"/>			
01BR-01987	4	0601062	FOOTING CONCRETE	c.y.	200,000	671.14000	134,228,000			<input type="checkbox"/>	Regres...	Yes	No
01BR-01987	5	0601064	ABUTMENT AND WALL CONCRETE	c.y.	400,000	1,302.54000	521,016,000			<input type="checkbox"/>	Regres...	Yes	No
03HWYGEN	3	0969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo.	12,000	4,794.14000	57,529.68			<input type="checkbox"/>	Regres...	Yes	No
02CMNLS	7	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000					<input type="checkbox"/>	Yes	Yes	No
02CMNLS	8	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000					<input type="checkbox"/>	Yes	Yes	Yes
02CMNLS	9	0980020	CONSTRUCTION SURVEYING	LS	1.000					<input type="checkbox"/>	Yes	Yes	Yes
03HWYGEN	2	1001001	TRENCHING AND BACKFILLING	lf	1,500,000	36.70000	55,050.00			<input type="checkbox"/>	Regres...	Yes	No

New Select Items

Showing 11 of 11

- Select New (1)
- Enter reference description. For example 1% of total estimate (2)
- Enter percentage in the "Percent on top" field. Use of this field will exclude all other percentage based items from the calculation, such as M&PT, Mobilization and Construction Surveying (3)
- Select the "Active" checkbox (4)
- Click Save (5)

Home Previous My Pages Actions Help Log Off

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training - Created 8/3/23 by James Kocaba - Please do not delete. Save ?

Item information

Line: 6
Item: 0201001 CLEARING AND GRUBBING
Supplemental Description: L.S. - LUMP SUM
Quantity: 1.000
Unit of Measure: L.S. - LUMP SUM
Price:

Type search criteria or press Enter Advanced

The previously highlighted row is not in the current search results. Show previously highlighted row. X

New 1 added 0 marked for deletion 0 changed

Price Task	Description	Active	Type	Task Unit Price
Price Task	1% of total estimate	Yes		

Price Task

Use Historical Price

Reference Price

Amount

Description 1% of total estimate

Percent of

Percent on top 1.00

Active

Task Group

Begin typing to search or press Enter

- Price is calculated.

Home Previous My Pages Save Complete

Cost Estimate Items Item Pricing Worksheet Task Groups

Reference Price Task Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete.

Item Information

Line	6	Quantity	1.000
Item	0201001 CLEARING AND GRUBBING	Unit of Measure	LS - LUMP SUM
Supplemental Description		Price	9,755.84000

Price: 9,755.84000

Q Type search criteria or press Enter Advanced Showing 1 of 1

New 0 added 0 marked for deletion 0 changed

Price Task	Description	Active	Type	Task Unit Price
Ref001	1% of total estimate	Yes	Percent on top	9,755.84000

Price Task Ref001 Use Historical Price

Reference Price Amount

Description 1% of total estimate Percent of

Item ID Percent on top 1.00

Spec Book Active

Task Group

Calculate Bid Based Unit Prices for All Items

There are several methods to price items in Estimation. Items can be priced individually or the entire estimate can be priced all at once. It is recommended that all item prices be updated every six months or at every milestone estimate cost estimate. After an entire cost estimate price refresh, it is also recommended that a snapshot be created and saved for historical purposes. The snapshot description should contain both a reason and date. See Snapshots and Cost Estimate Phase Transition for more details.

1. Navigate to the item pricing worksheet from the Cost Estimate summary page

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet**

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete.

Project: 0999-0999-TST

Parent Attributes

Associated Type	Unit System
Project	English
Entity	Improvement Type
0999-0999-TST	Work Type
Entity Description	
Test project created by James Kocaba for Estimation training	
Spec Book	
11	

Estimate Information

Cost Estimate Name	Design Build
0999-0999-TST	<input type="checkbox"/>
Cost Estimate Descr	Profile
Cost Estimate for Training Created 8/3/23 by James Kocaba. Please do not delete.	No
Estimate Phase	Budget Class
01 - Programming	<input type="text"/>
Estimated By	Lanemiles
CONNDOT\kocabaajt	<input type="text"/>
Kocaba James	Estimate Type
Cost Estimate Total	<input type="text"/>
	WARNING APPROP

2. Pricing all estimate items can be accomplished selecting the action arrow to the right of the save button (1)
3. Select "Calculate Bid Based Prices for all items" (2)

The screenshot shows the 'Item Pricing Worksheet' interface. At the top right, there are navigation buttons: Home, Previous, My Pages, Actions, Help, and Log off. Below the navigation is a breadcrumb trail: Overview > Cost Estimate > Cost Estimate Items. The main title is 'Item Pricing Worksheet'. Below the title is a search bar and a 'Save' button with a question mark icon. A red box labeled '1' highlights the question mark icon. An 'Actions' menu is open, showing a list of tasks. A red box labeled '2' highlights the 'Calculate Bid Based Prices for all items' option. Below the menu is a table of cost estimate items with columns: Cat ID, Line, Item, Descr, Unit, Quantity, Unit Price, and Est Amt. The total cost estimate items is 985,339.52.

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Est Amt
01STDGEN	10	0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000	100,000.00000	100,000.00
02CMCLS	6	0201001	CLEARING AND GRUBBING	LS	1.000	9,755.84000	9,755.84
03HWYGEN	1	0202000	EARTH EXCAVATION	c.y.	1,000.000	48.45000	48,450.00
02PAVEMNT	11	0202000	EARTH EXCAVATION	c.y.	1,500.000	39.54000	59,310.00
01BR-01987	4	0601062	FOOTING CONCRETE	c.y.	200.000	671.14000	134,228.00
01BR-01987	5	0601064	ABUTMENT AND WALL CONCRETE	c.y.	400.000	1,302.54000	521,016.00
03HWYGEN	3	0969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo.	12.000	4,794.14000	57,529.68
02CMCLS	7	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000		
02CMCLS	8	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000		
02CMCLS	9	0980020	CONSTRUCTION SURVEYING	LS	1.000		
03HWYGEN	2	1001001	TRENCHING AND BACKFILLING	lf	1,500.000	36.70000	55,050.00

4. Calculate Bid-Based Prices operation will begin. Please be patient with this step in the process. Large estimates may require 10 to 15 minutes to complete item pricing calculations.

The screenshot shows the 'Item Pricing Worksheet' interface with a progress bar at the top. The progress bar is green and contains the text 'Calculate Bid-Based Prices Process started at 10/06/2023 14:45:35.' Below the progress bar is a search bar and a 'Save' button. Below the search bar is a table of cost estimate items with columns: Cat ID, Line, Item, Descr, Unit, Quantity, Unit Price, Est Amt, Supp Descr, Pric., Cribb, and Excl. The total cost estimate items is 985,339.52.

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Est Amt	Supp Descr	Pric.	Cribb	Excl
01STDGEN	10	0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000	100,000.00000	100,000.00		Ad Hoc	Yes	No
02CMCLS	6	0201001	CLEARING AND GRUBBING	LS	1.000	9,755.84000	9,755.84		Reference	Yes	Yes
03HWYGEN	1	0202000	EARTH EXCAVATION	c.y.	1,000.000	48.45000	48,450.00		Reges...	Yes	No
02PAVEMNT	11	0202000	EARTH EXCAVATION	c.y.	1,500.000	39.54000	59,310.00		Reges...	Yes	No
01BR-01987	4	0601062	FOOTING CONCRETE	c.y.	200.000	671.14000	134,228.00		Reges...	Yes	No
01BR-01987	5	0601064	ABUTMENT AND WALL CONCRETE	c.y.	400.000	1,302.54000	521,016.00		Reges...	Yes	No
03HWYGEN	3	0969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo.	12.000	4,794.14000	57,529.68		Reges...	Yes	No
02CMCLS	7	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000				Yes	Yes	Yes
02CMCLS	8	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000				Yes	Yes	Yes
02CMCLS	9	0980020	CONSTRUCTION SURVEYING	LS	1.000				Yes	Yes	Yes
03HWYGEN	2	1001001	TRENCHING AND BACKFILLING	lf	1,500.000	36.70000	55,050.00		Reges...	Yes	No

Calculate Bid Based Unit Prices for Individual Items

Single items added in between bi-annual or milestone estimate updates can be priced individually. Please follow the steps below for item pricing procedures.

1. Navigate to the item pricing worksheet from the Cost Estimate summary page

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections **Item Pricing Worksheet** Actions Help Log off

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba. Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Estimate Information

Cost Estimate Name

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocabajt
Kocaba James

Cost Estimate Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

2. Pricing individual estimate items can be accomplished selecting the three staked blue bars in the item unit price field (1)
3. Select the active checkmark box (2)
4. Select calculate price (3)
5. Select "Save"

Home Previous My Pages

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

There are unsaved changes.

Item Pricing Worksheet 4 Save ?

Type search criteria or press Enter ItemNumLH Showing 11 of 11

Total Cost Estimate Items

928,345.98

CatID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext	Method	Price	Active	Excl
11STOGEN	10	0001PARA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1,000	100,000.00000				<input type="checkbox"/>	No
00CMLS	6	0201001	CLEARING AND GRUBBING	LS	1,000	9,191.54000				<input type="checkbox"/>	No
03HWYGEN	1	0202000	EARTH EXCAVATION	LS	1,000,000	1				<input type="checkbox"/>	No
03PAVEMENT	11	0202000	EARTH EXCAVATION	LS	1,500,000	37,500,000				<input type="checkbox"/>	No
01BR-01987	4	0601002	FOOTING CONCRETE	LS	200,000	674,860,000				<input type="checkbox"/>	No
01BR-01987	5	0601004	ABUTMENT AND WALL CONCRETE	LS	400,000	1,275,550,000				<input type="checkbox"/>	No
03HWYGEN	3	0909002	CONSTRUCTION FIELD OFFICE, MEDIUM	MO	12,000	4,868,120,000				<input type="checkbox"/>	No
00CMLS	7	0071001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1,000					<input type="checkbox"/>	No
00CMLS	8	0075004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1,000					<input type="checkbox"/>	Yes
00CMLS	9	0080020	CONSTRUCTION SURVEYING	LS	1,000					<input type="checkbox"/>	Yes
03HWYGEN	2	1001001	TRENCHING AND BACKFILLING	LS	1,500,000	36,890,000				<input type="checkbox"/>	No

New Select Items...

Showing 11 of 11

6. Save is complete and item price is established

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Save Complete

Item Pricing Worksheet Save

Type search criteria or press Enter ItemNumLH Showing 11 of 11

Total Cost Estimate Items
968,281.38

CatID	Line	Item	Descr	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Ad Hoc	Reference	Regres	Yes	No	Excl
81STDGEN	10	8001PABA	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	LS	1.000		100,000.00000					Yes	No	
80CMNLS	6	8201001	CLEARING AND GRUBBING	LS	1.000		9,536.94					Yes	No	
83HWYGEN	1	8202000	EARTH EXCAVATION	c.y.	1,000.000		39,540.00					Yes	No	
83PAVEMENT	11	8202000	EARTH EXCAVATION	c.y.	1,500.000		59,310.00					Yes	No	
01BR-01967	4	8601062	FOOTING CONCRETE	c.y.	200.000		674,860.00					Yes	No	
01BR-01967	5	8601064	ABUTMENT AND WALL CONCRETE	c.y.	400.000		1,278,550.00					Yes	No	
83HWYGEN	3	8969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo.	12.000		4,868,120.00					Yes	No	
80CMNLS	7	8971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1.000							Yes	Yes	
80CMNLS	8	8975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1.000							Yes	Yes	
80CMNLS	9	8980020	CONSTRUCTION SURVEYING	LS	1.000							Yes	Yes	
83HWYGEN	2	1001001	TRENCHING AND BACKFILLING	lf.	1,500.000		36,690.00					Yes	No	

New Select Items

Showing 11 of 11

Add Contingency Percentage

Contingency is an element of estimated cost included to account for uncertainty and risk. The designer is responsible for ensuring that the proper percentage is entered based upon cost estimate phase.

1. Select Non-Construction Costs (1)
2. Select New (2)
3. Enter "Contingency" for name (3)
4. Enter "Contingency" for description (4)
5. Enter Percentage (5)
6. Select "Active" (6)
7. Select "Save" (7)

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate INCIDTEST - Asset Category Template 7 Save

General

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

1 **Non-Construction Costs**

Markups

Item Pricing Worksheet

Annualization

Type search criteria or press Enter Advanced Showing 1 of 1

New 2

Incidentals INCID 27,968.00 Yes

New Non Construction Cost

Non Construction Cost Name 3

Percent of Total Estimate 5

Non Construction Cost Description 4

Non Construction Cost Amount

Calculated Amount

Non Construction Cost Type

Active 6

Non Construction Cost Group

Add Incidental Percentage

The Non-Construction Cost tab can be used to enter incidental cost values. The cost of Construction Engineering (CENG), which consists of the various activities required to administer the construction contract, including inspection, materials testing, construction phase design support and other functions. It includes state and consultant forces, when applicable. For state-awarded construction contracts, this "Incidental Cost" is estimated using a sliding scale percentage of the contract cost as shown in the

Incidental Cost Percentage Chart. Please refer to the cost estimating guide for contract price ranges and the associated values.

1. Select Non-Construction Costs from the Cost Estimate Summary (1)
2. Select “New” (2)
3. Enter Non-Construction Cost Name (3)
4. Enter Non-Construction Cost Description (4)
5. Enter proper percentage (5)
6. Select the “Active” checkbox (6)
7. Click “Save” (7)

The screenshot displays the 'Cost Estimate Summary' interface for 'Cost Estimate: INCIDTEST - Asset Category Template'. The left sidebar shows a navigation menu with 'Non-Construction Costs' highlighted (1). The main form area is titled 'New Non Construction Cost' and contains several fields: 'Non Construction Cost Name' (3), 'Non Construction Cost Description' (4), 'Percent of Total Estimate' (5), 'Non Construction Cost Amount', and 'Calculated Amount'. At the bottom, there is an 'Active' checkbox (6) and a 'Save' button (7). The interface also shows a search bar, a table with one row for 'Incidentals' with a value of 27,968.00, and a status bar indicating '1 added, 0 marked for deletion, 0 changed'.

Add Inflation

The Inflation Parametric Item (005PARA) can be used to enter direct future inflation values. AASHTOWare Project does not include automatic inflation rate calculations for lump sum or estimated item unit prices. Therefore, inflation for lump sum or estimated unit items must be calculated and entered manually using item 0005PARA. The steps for entering lump sum or estimated unit items and values are shown below.

Except for contracts with durations of three years or more, the inflation adjustment factor is computed by determining the number of years between the estimate date (when estimate is prepared) and scheduled bid opening and multiplying this number by the annual inflation factor. For contracts with durations of three years or longer, compute the number of years from the estimate date to the mid-point of construction. An annual inflation rate of 6.5 percent per year (simple, not compound) should be used for 2023 and subsequent years. Inflation costs decrease as the cost estimate phases advance toward semi-final design and eventually are eliminated at final design. Example computations and process for AWP cost estimate incorporation to follow:

Inflation Example 1 (construction duration less than 3 years)

Estimate date: January 15, 2023

Scheduled bid opening (letting) date: November 15, 2024

Duration of construction contract: 2 years (midpoint: April 2026)

Estimated cost: \$1,500,000

Inflation: 6.5 percent

Estimated future/inflated cost = \$1,500,000 x (1.83x0.065) = \$178,425

Inflation Example 2 (construction duration more than 3 years)

Estimate date: January 15, 2023

Scheduled bid opening (letting) date: December 13, 2024

Duration of construction contract: 4 years (midpoint: April 2027)

Estimated cost: \$15,000,000

Inflation: 6.5 percent

Estimated future/inflated cost = \$15,000,000 x (4.25x0.065) = \$4,143,750

See the following steps below:

1. Navigate to the Cost Estimate Summary screen
2. Select Item Pricing work sheet

The screenshot shows the 'Cost Estimate Summary' screen. The 'Item Pricing Worksheet' tab is selected and highlighted with a red box. The screen displays various fields for project details, including 'Parent Attributes', 'Estimate Information', and 'Design Build' options.

3. Select New

The screenshot shows the 'Item Pricing Worksheet' screen. The 'New' button is highlighted with a red box. The screen displays a table of cost estimate items with columns for Cat ID, Line, Item, Descr, Unit, Quantity, Unit Price, Est Amt, Supp Descr, Pric, Cntrb, and Excl.

Cat ID	Line	Item	Descr	Unit	Quantity	Unit Price	Est Amt	Supp Descr	Pric	Cntrb	Excl
80CMNLS	6	0201001	CLEARING AND GRUBBING	LS	1,000						
83HYVGEN	1	0202000	EARTH EXCAVATION	c.y.	1,000,000		40,450.00		Reges...	Yes	No
01BR-01987	4	0601062	FOOTING CONCRETE	c.y.	200,000		671,140.00		Reges...	Yes	No
01BR-01987	5	0601064	ABUTMENT AND WALL CONCRETE	c.y.	400,000		1,302,540.00		Reges...	Yes	No
83HYVGEN	3	0989062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo.	12,000		4,794,140.00		Reges...	Yes	No
80CMNLS	7	0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1,000					Yes	Yes
80CMNLS	8	0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1,000					Yes	Yes
80CMNLS	9	0980020	CONSTRUCTION SURVEYING	LS	1,000					Yes	Yes
83HYVGEN	2	1001001	TRENCHING AND BACKFILLING	lt.	1,500,000		36,700.00		Reges...	Yes	No

4. Double click in the Cat ID field (1)
5. Select Category 81STGEN (2)

Home Previous My Pages There are unsaved changes. X Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q Type search criteria or press Enter ItemNumLH Showing 9 of 9

Total Cost Estimate Items
816,273.68

Item	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pric...	Crts	Excl
80CMNLS 6		0201001	CLEARING AND GRUBBING	LS	1,000			
83HWYGEN 1		0202000	EARTH EXCAVATION	c.y	1,000,000	48,450.00	48,450.00	Reges. Yes No
01BR-01987 4		0601062	FOOTING CONCRETE	c.y	200,000	671,140.00	134,228.00	Reges. Yes No
01BR-01987 5		0601064	ABUTMENT AND WALL CONCRETE	c.y	400,000	1,302,540.00	521,016.00	Reges. Yes No
83HWYGEN 3		0969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo	12,000	4,794,140.00	57,529.68	Reges. Yes No
80CMNLS 7		0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1,000			Yes Yes
80CMNLS 8		0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1,000			Yes Yes
80CMNLS 9		0980020	CONSTRUCTION SURVEYING	LS	1,000			Yes Yes
83HWYGEN 2		1001001	TRENCHING AND BACKFILLING	l.f.	1,500,000	36,700.00	55,050.00	Reges. Yes No

1 added 0 marked for deletion 0 changed

Showing 9 of 9

Q Begin typing to search or p... 1

- 12RDWYSAFHWDW Roadway Safety Hardware - location and description
- 83HWYGEN Highways General
- 84TRAFSFTY Traffic Safety
- 85ENVRMT Environmental
- 8588 Non-Contract Items
- 01BRGEN Bids General
- 81STDGEN Standard General (Field Office, etc.) 2
- 01BR-01987 195 NB over Big River

Showing 12 of 12

6. Double click the item field
7. Enter "PARA"
8. Select item 0005PARA

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save ?

Q Type search criteria or press Enter ItemNumLH Showing 9 of 9

Total Cost Estimate Items
816,273.68

Item	Unit	Quantity	Unit Price	Ext Amt	Supp Descr	Pric...	Crts	Excl
80CMNLS 6		0201001	CLEARING AND GRUBBING	LS	1,000			
83HWYGEN 1		0202000	EARTH EXCAVATION	c.y	1,000,000	48,450.00	48,450.00	Reges. Yes No
01BR-01987 4		0601062	FOOTING CONCRETE	c.y	200,000	671,140.00	134,228.00	Reges. Yes No
01BR-01987 5		0601064	ABUTMENT AND WALL CONCRETE	c.y	400,000	1,302,540.00	521,016.00	Reges. Yes No
83HWYGEN 3		0969062	CONSTRUCTION FIELD OFFICE, MEDIUM	mo	12,000	4,794,140.00	57,529.68	Reges. Yes No
80CMNLS 7		0971001	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	1,000			Yes Yes
80CMNLS 8		0975004	MOBILIZATION AND PROJECT CLOSEOUT	LS	1,000			Yes Yes
80CMNLS 9		0980020	CONSTRUCTION SURVEYING	LS	1,000			Yes Yes
83HWYGEN 2		1001001	TRENCHING AND BACKFILLING	l.f.	1,500,000	36,700.00	55,050.00	Reges. Yes No
81STDGEN			PARA	LS				

1 added 0 marked for deletion 0 changed

Showing 9 of 9

New Select Items...

- 0001PARA MINOR ITEM ALLOWANCE PARAMETRIC ITEM
- 0002PARA INCIDENTAL PERCENTAGE PARAMETRIC ITEM
- 0003PARA STRUCTURAL STEEL INFLATION PARAMETRIC ITEM
- 0004PARA METALLIZING STRUCTURAL STEEL INFLATION PARAMETRIC ITEM
- 0005PARA INFLATION PARAMETRIC ITEM

9. Enter a lump Sum quantity of 1.0

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save

Type search criteria or press Enter ItemNumLH Showing 9 of 9

Total Cost Estimate Items

Item	QTY	Unit	Description	Unit Price	Ext Amt	Supp Descr	Reges	Yes	No
80CMNLS 6	0201001	LS	CLEARING AND GRUBBING	1.000			Reges...	Yes	Yes
83HWYGEN 1	0202000	c.y.	EARTH EXCAVATION	1,000.000	48,450.00		Reges...	Yes	No
01BR-01987 4	0601062	c.y.	FOOTING CONCRETE	200.000	671,140.00		Reges...	Yes	No
01BR-01987 5	0601064	c.y.	ABUTMENT AND WALL CONCRETE	400.000	1,302,540.00		Reges...	Yes	No
83HWYGEN 3	0969062	mo.	CONSTRUCTION FIELD OFFICE, MEDIUM	12.000	4,794,140.00		Reges...	Yes	No
80CMNLS 7	0971001	LS	MAINTENANCE AND PROTECTION OF TRAFFIC	1.000			Reges...	Yes	Yes
80CMNLS 8	0975004	LS	MOBILIZATION AND PROJECT CLOSEOUT	1.000			Reges...	Yes	Yes
80CMNLS 9	0980020	LS	CONSTRUCTION SURVEYING	1.000			Reges...	Yes	Yes
83HWYGEN 2	1001001	lf.	TRENCHING AND BACKFILLING	1,500.000	36,700.00		Reges...	Yes	No
01STDOGEN	0001PARA	LS	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	1.000			Reges...	Yes	No

New Select Items...

Showing 9 of 9

10. Enter the manually calculated lump sum unit price (1)
11. Click Save (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet

Item Pricing Worksheet Save

Type search criteria or press Enter ItemNumLH Showing 9 of 9

Total Cost Estimate Items

Item	QTY	Unit	Description	Unit Price	Ext Amt	Supp Descr	Reges	Yes	No
80CMNLS 6	0201001	LS	CLEARING AND GRUBBING	1.000			Reges...	Yes	Yes
83HWYGEN 1	0202000	c.y.	EARTH EXCAVATION	1,000.000	48,450.00		Reges...	Yes	No
01BR-01987 4	0601062	c.y.	FOOTING CONCRETE	200.000	671,140.00		Reges...	Yes	No
01BR-01987 5	0601064	c.y.	ABUTMENT AND WALL CONCRETE	400.000	1,302,540.00		Reges...	Yes	No
83HWYGEN 3	0969062	mo.	CONSTRUCTION FIELD OFFICE, MEDIUM	12.000	4,794,140.00		Reges...	Yes	No
80CMNLS 7	0971001	LS	MAINTENANCE AND PROTECTION OF TRAFFIC	1.000			Reges...	Yes	Yes
80CMNLS 8	0975004	LS	MOBILIZATION AND PROJECT CLOSEOUT	1.000			Reges...	Yes	Yes
80CMNLS 9	0980020	LS	CONSTRUCTION SURVEYING	1.000			Reges...	Yes	Yes
83HWYGEN 2	1001001	lf.	TRENCHING AND BACKFILLING	1,500.000	36,700.00		Reges...	Yes	No
01STDOGEN	0001PARA	LS	MINOR ITEM ALLOWANCE PARAMETRIC ITEM	1.000	100,000.00		Reges...	Yes	No

New Select Items...

Showing 9 of 9

Snapshots and Cost Estimate Phase Transition

After a cost estimate has been completed and is ready to transition to the next project development milestone several actions must be completed. First, users must generate a cost estimate phase snapshot. A snapshot is required for PowerBi reporting and audit purposes as well as tracking scope creep. After a snapshot is created the cost estimate phase can be transitioned and saved.

1. Navigate to the Cost Estimate Summary
2. Select the action arrow adjacent to the save button (1)
3. Select "Create Snapshot" (2)

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST - Cost Estimate for Training Created 8/3/23 by James Kocaba. Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Estimate Information

Cost Estimate Name *

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOTKocabaJ
Kocaba James

Cost Estimate Total

1,317,606.11

Previous Snapshot Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Begin typing to search or press Enter

Snapshot Tracking Percentage

10.00

Actions

- Select Item Bid History Profile...
- Tasks
- Build Project Items
- Calculate Bid Based Prices for all Items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items and Calculate...
- Create Profile From Estimate
- Create Snapshot
- Export Cost Estimates
- Import Snapshot...
- Item Bid History Criteria
- Select Cost Estimate Items to Calculate Bid Based...
- Transition Cost Estimate to Detail Items
- Validate Prequal Worktypes
- Views
- Attachments (0)
- Default Bid History Profiles
- Issues
- Item Pricing Worksheet
- Links
- Parent Project
- Snapshots
- Reports
- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report
- Design Build Estimate Report
- Prequalification Work Type Report

4. Enter a detailed description of the cost estimate phase (1)
5. Select the proper snapshot reason (2)
6. Select "Save" (3)

Home Previous My Pages Actions Help Log off

Cost Estimate

Add Cost Estimate Snapshot

Add Cost Estimate Snapshot Save ?

Entry

Description *

Snapshot at Preliminary Design Completion - 30%

Remarks

Type *

Remark *

Cost Estimate Name

0999-0999-TST

Snapshot Type

Manual

Snapshot Reason

02PD - Preliminary Design

- 01PRGM - Programming
- 02PD - Preliminary Design
- 03SFD - Semi Final Design
- 04FD - Final Design
- 05FDP - Final Design Plans
- 06SCP - Scope Modification
- 07OTH - Other

7. Snapshot has been successfully saved
8. Users can navigate back to snapshot overview

Home Previous My Pages Overview Fund Package Overview Funding Assign to Items Contingency Assignment Typical Sections Cost Estimate Actions Help Log off

Cost Estimate Snapshot Summary

Cost Estimate 0999-0999-TST - Snapshot at Preliminary Design Completion... Successfully Saved

Cost Estimate Snapshot: 0999-0999-TST - 001 - Snapshot at Preliminary Design Completion - 30% Save ?

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Item Pricing Worksheet

Entity

0999-0999-TST

Snapshot

001

Description *

Snapshot at Preliminary Design Completion - 30%

Created By

CONNDOTKocabaJ

Remarks

Type *

Remark *

Cost Estimate Name

0999-0999-TST

Snapshot Type

Manual

Snapshot Reason

02PD - Preliminary Design

Created Date

10/17/2023 10:53:57 AM

9. Navigate back to the current cost estimate

Home Previous My Pages

Cost Estimate

Cost Estimate Snapshot Overview

Cost Estimate Snapshot Overview Save ?

Type search criteria or press Enter Advanced Showing 1 of 1

0 marked for deletion 0 changed

Sequence	Description	Snapshot Type	Created	Created Dt
001	Snapshot at Preliminary Design Completion - 30%	Manual	CONNDOT\kocabajt	10/17/2023 10:53:57 AM

10. Quick link to cost estimate snapshots is located here:

- Select action item arrow adjacent to the save button (1)
- Select the "Snapshots" hyperlink (2)

Home Previous My Pages

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0999-0999-TST Cost Estimate for Training Created 8/3/23 by James Kocaba Please do not delete. Save ?

Project: 0999-0999-TST

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Parent Attributes

Associated Type

Project

Entity

0999-0999-TST

Entity Description

Test project created by James Kocaba for Estimation training

Spec Book

11

Estimate Information

Cost Estimate Name

0999-0999-TST

Cost Estimate Descr

Cost Estimate for Training. Created 8/3/23 by James Kocaba. Please do not delete.

Estimate Phase

01 - Programming

Estimated By

CONNDOT\kocabajt
Kocaba James

Cost Estimate Total

1,317,606.11

Previous Snapshot Total

1,317,606.11

Design Build

English

Improvement Type

Work Type

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

Begin typing to search or press Enter

Snapshot Tracking Percentage

10.00

Actions

- Select Item Bid History Profile...
- Tasks
- Build Project Items
- Calculate Bid Based Prices for all Items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items and Calculate ...
- Create Profile From Estimate
- Create Snapshot
- Export Cost Estimates
- Import Snapshot...
- Item Bid History Criteria
- Select Cost Estimate Items to Calculate Bid Based ...
- Transition Cost Estimate to Detail Items
- Validate Prequal Worktypes
- Views
- Attachments (0)
- Default Bid History Profiles
- Issues
- Item Pricing Worksheet
- Links
- Parent Project
- Snapshots**
- Reports
- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report
- Design Build Estimate Report
- Prequalification Work Type Report

Build Project Items (Completed at FDP Only)

Initiate "Build Project Items" process at FDP after cost estimate has been finalized .

- Navigate to the Cost Estimate General tab

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0103-0277TEST - Big Bridge over small river Save ?

General

Parent Attributes

Associated Type	Unit System
Project	English
Entity	Improvement Type
0103-0277TEST	
Entity Description	Work Type
Big Bridge over small river	
Spec Book	
11	

Estimate Information

Cost Estimate Name	Design Build
0103-0277TEST	<input type="checkbox"/>
Cost Estimate Descr	Profile
Big Bridge over small river	No
Estimate Phase	Budget Class
Estimated By	Lanemies
Begin typing to search or press Enter	
Cost Estimate Total	Estimate Type
0.00	
Previous Snapshot Total	Vendor Access
	Begin typing to search or press Enter

2. Select the action dropdown arrow to the right of the save button (1)
3. Select Build Project Items (2)

Home Previous My Pages Actions Help Log off

Overview Contingency Assignment Funding Assign to Items Fund Package Overview Life Cycle Costs Typical Sections Item Pricing Worksheet

Cost Estimate Summary

Cost Estimate: 0103-0277TEST - Big Bridge over small river 1 ?

General

Parent Attributes

Associated Type	Unit System
Project	English
Entity	Improvement Type
0103-0277TEST	
Entity Description	Work Type
Big Bridge over small river	
Spec Book	
11	

Estimate Information

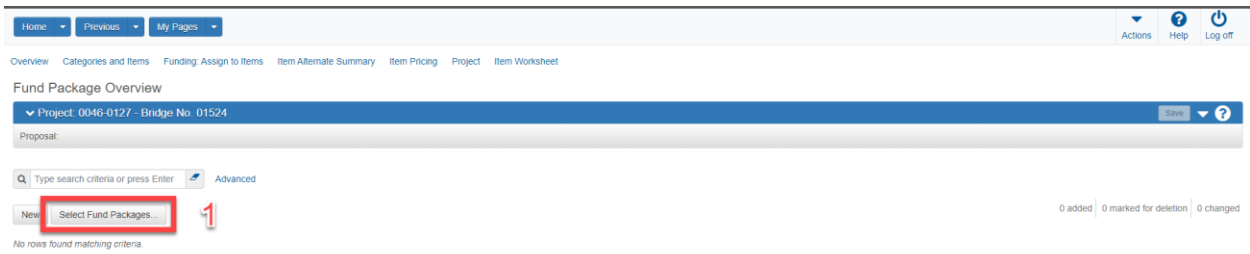
Cost Estimate Name	Design Build
0103-0277TEST	<input type="checkbox"/>
Cost Estimate Descr	Profile
Big Bridge over small river	No
Estimate Phase	Budget Class
Estimated By	Lanemies
Begin typing to search or press Enter	
Cost Estimate Total	Estimate Type
0.00	
Previous Snapshot Total	Vendor Access
	Begin typing to search or press Enter

- Actions
- Select Item Bid History Profile...
- Toggle
- Build Project Items**
- Build Project Items for all items
- Combine Like Cost Estimate Items
- Combine Like Cost Estimate Items and Calculat...
- Create Profile From Estimate
- Create Snapshot
- Export Cost Estimates
- Import Snapshot...
- Item Bid History Criteria
- Select Cost Estimate Items to Calculate Bid Ba...
- Transition Cost Estimate to Detail Items
- Validate Prequal Worktypes
- Views
- Attachments (0)
- Default Bid History Profiles
- Issues
- Item Pricing Worksheet
- Links
- Parent Project
- Snapshots
- Reports
- Cost Estimate Budget Class Report
- Cost Estimate Contingency Report
- Cost Estimate Formula Information Report
- Cost Estimate Scope Tracking Report
- Cost Estimate Summary Report

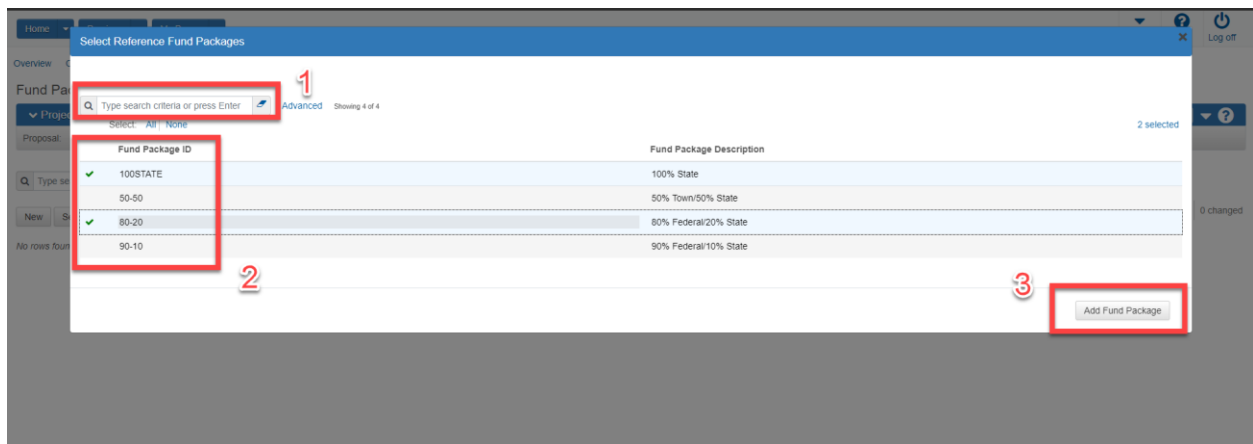
Update Project Fund Packages

1. Navigate to the General Tab on the Project Summary Screen (1)
2. Select "Fund Package Overview" along the main navigation header (2)

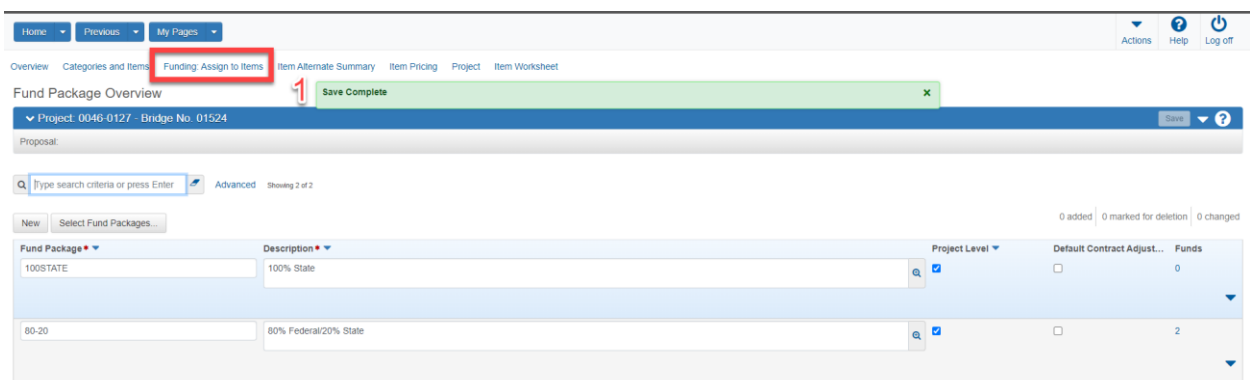
3. Click on "Select Fund Packages" button (1)



4. Type Fund Package ID into search bar or press enter for all fund packages (1)
5. Select individual fund packages for assignment to the project (2)
6. Select "Add Fund Package" (3)



7. Select "Funding Assign to Items" (1)



8. Assign funds by selecting all project items, asset categories or individual items (1).
9. Click "Save" (2)

Project Funding Assignment

Project: 0046-0127 - Bridge No. 01524

Proposal:

All Project Items

- 01-01524 - Route 191 over the Scantic River in East Windsor
- 0010 0020903 LS LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS
- 99-General - General
 - 0020 0201001 LS CLEARING AND GRUBBING
 - 0030 0202000 c.y. EARTH EXCAVATION
 - 0040 0202452 ea. TEST PIT

Fund Package	Description	Funds
(A) 100STATE	100% State	0
(B) 80-20	80% Federal/20% State	2

Change Project Workflow from 10 to 20

The final step in the cost estimate process is to change the project workflow from 10 – Concept and Milestone Estimate to 20 – Processing for Final Estimate and Proposal. Once complete Contract Development will be automatically notified by email that the cost estimate is ready for final processing.

1. Navigate to the Project Summary screen and select workflow

Project Summary

Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023. do not delete

Proposal:

General

Project Number: 0999-0999-TST

Project Description: Test project created by James Kocaba for Estimation training on July 20, 2023. do not delete

Spec Book (Item List 11 = Engl, 10 = Metric): 11

Unit System: English

Federal Project Number: [Empty]

Project Work Type: [Dropdown]

Project Item Total: [Empty]

State Project Number: [Empty]

Project Engineer: [Empty]

Designed By: [Empty]

Id: 2360

Created By: [Empty]

Incidentals and Contingencies

Highway Type: [Dropdown]

Urban/Rural: [Dropdown]

Historical Inc and Cont-LEAVE BLANK: [Empty]

Primary Project County: NHVN - New Haven

Primary Project District ID: 3 - New Haven

Town 1: [Dropdown]

Town 2: [Dropdown]

Town 3: [Dropdown]

Town 4: [Dropdown]

Town 5: [Dropdown]

Town 6: [Dropdown]

2. Ensure that the Standard ConnDOT Workflow is selected (1)
3. Select the WorkflowPhase drop down arrow (2)

Project Summary

Project: 0999-0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023. do not delete

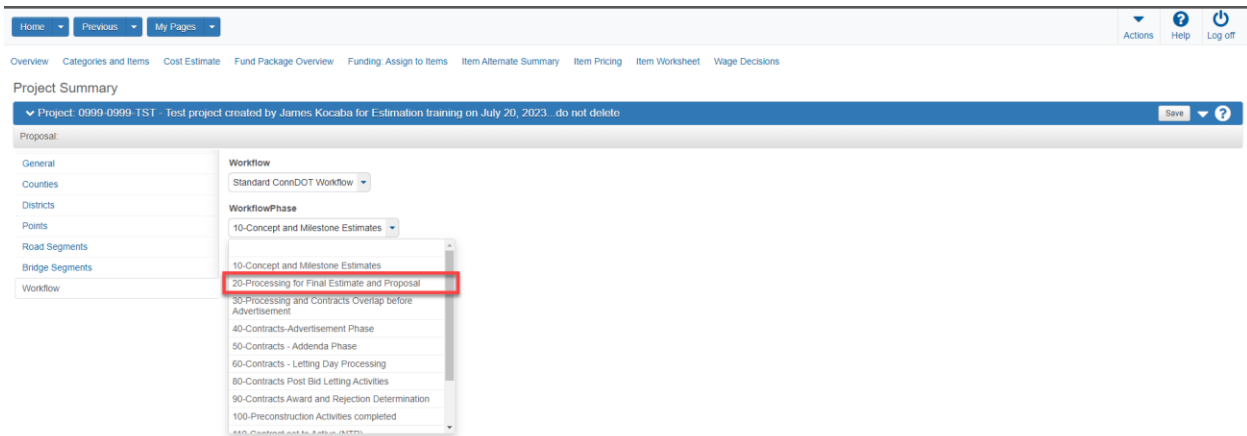
Proposal:

General

Workflow: Standard ConnDOT Workflow

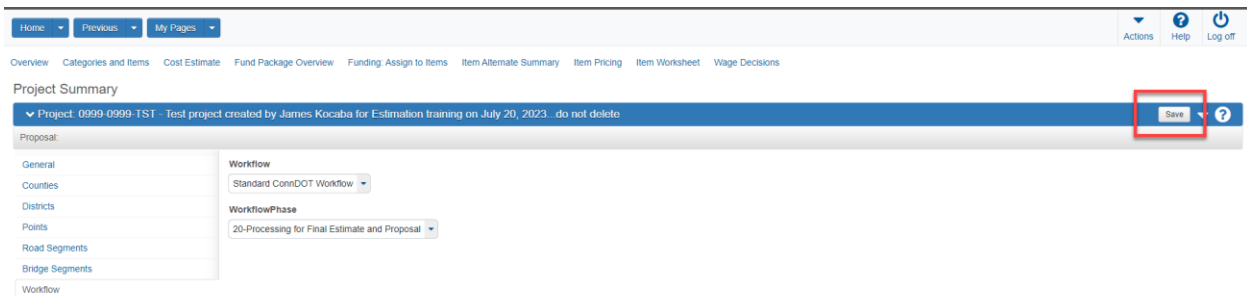
WorkflowPhase: 10-Concept and Milestone Estimate

4. Select 20 – Processing for Final Estimate and Proposal. *****Important***** Please select only phase 20. If different phase is selected and saved, you cannot go back and Contract Development will not be notified.



The screenshot shows the 'Project Summary' page for a project titled '0999 0999-TST - Test project created by James Kocaba for Estimation training on July 20, 2023'. The 'WorkflowPhase' dropdown menu is open, displaying a list of phases. The phase '20-Processing for Final Estimate and Proposal' is highlighted with a red rectangular box. Other visible phases include '10-Concept and Milestone Estimates', '30-Processing and Contracts Overlap before Advertisement', '40-Contracts-Advertisement Phase', '50-Contracts - Addenda Phase', '60-Contracts - Letting Day Processing', '80-Contracts Post Bid Letting Activities', '90-Contracts Award and Rejection Determination', and '100-Preconstruction Activities completed'. The 'Workflow' dropdown is set to 'Standard ConnDOT Workflow'.

5. Select Save



The screenshot shows the 'Project Summary' page with the 'WorkflowPhase' dropdown menu closed and set to '20-Processing for Final Estimate and Proposal'. The 'Save' button, located in the top right corner of the main content area, is highlighted with a red rectangular box. The project title and other details remain the same as in the previous screenshot.