

# AASHTOWare Project

## Project Cost Estimate Creation User Guide

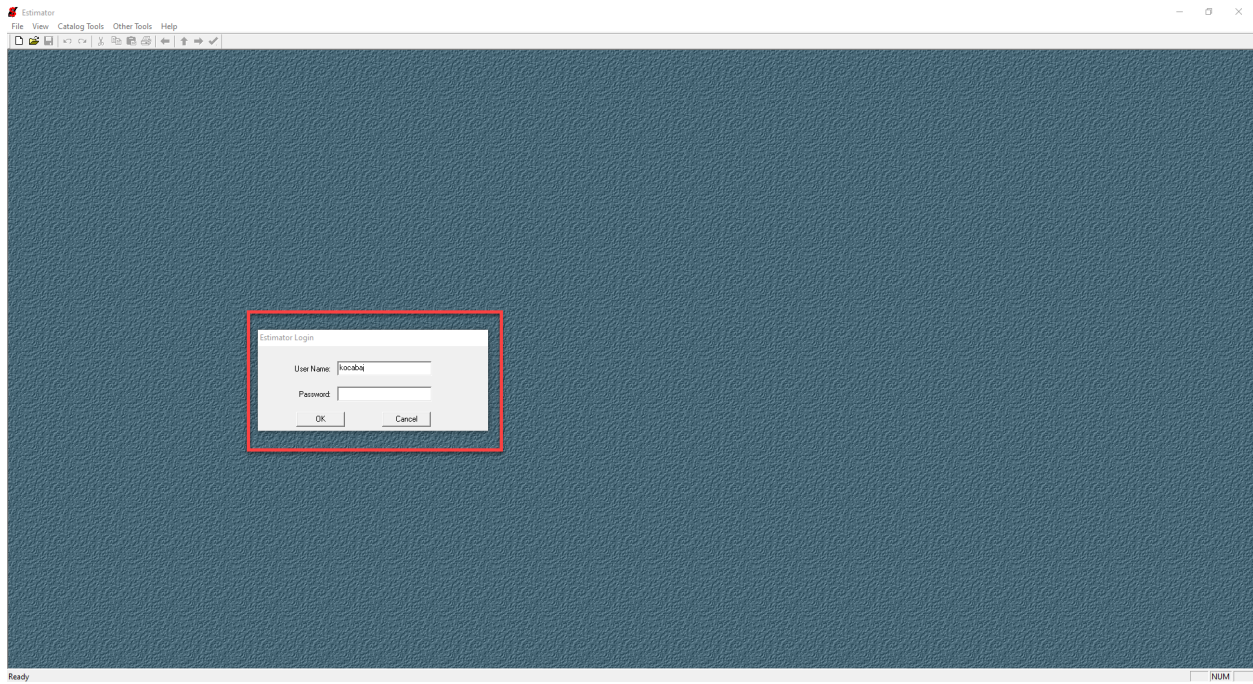
This guide provides the steps to properly import an Estimator (.est) file in AASHTOWare project (AWP) and create an associated cost estimate. Please follow the instructions below. Additional information regarding the development of a project and cost estimate using the Project Entry Template or directly in AWP can be found on our website.

### Contents

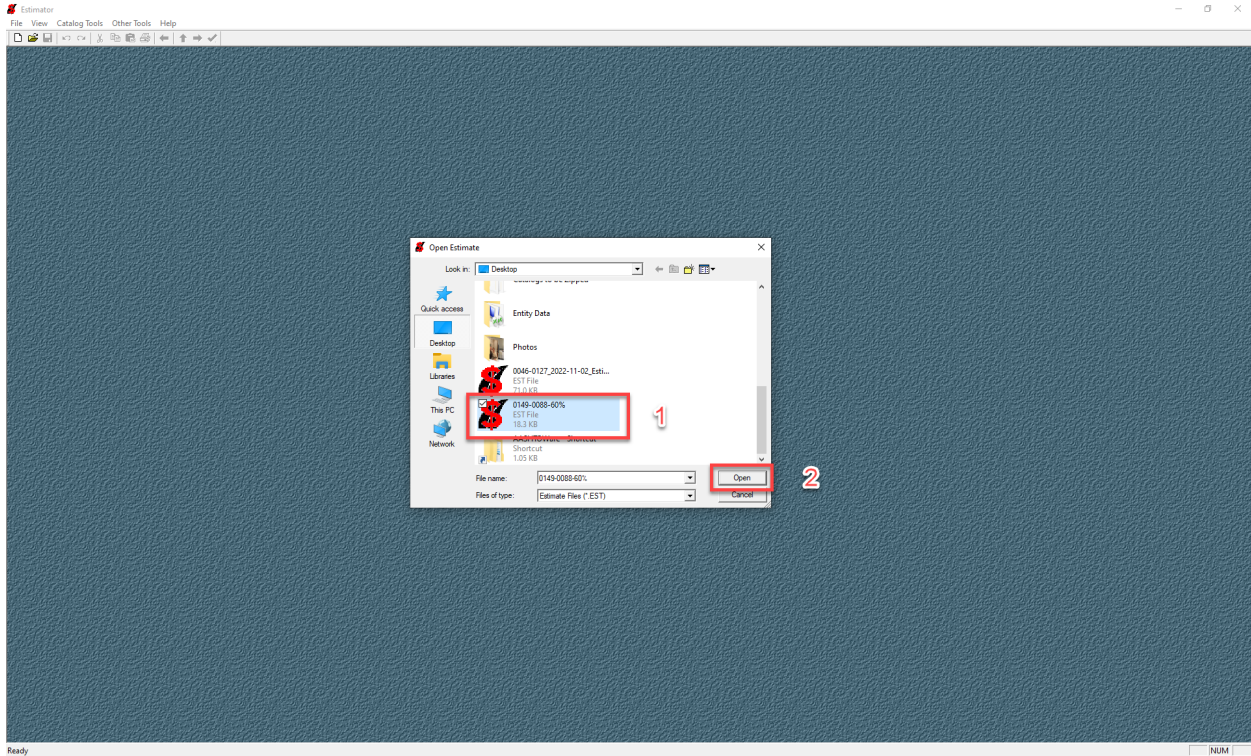
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### Export Estimator File to AASHTOWare Project

1. Open Estimator shortcut on your desktop
2. If working from home, please use VPN or RDP to access the CTDOT hosted Estimator server
3. Enter User name and password

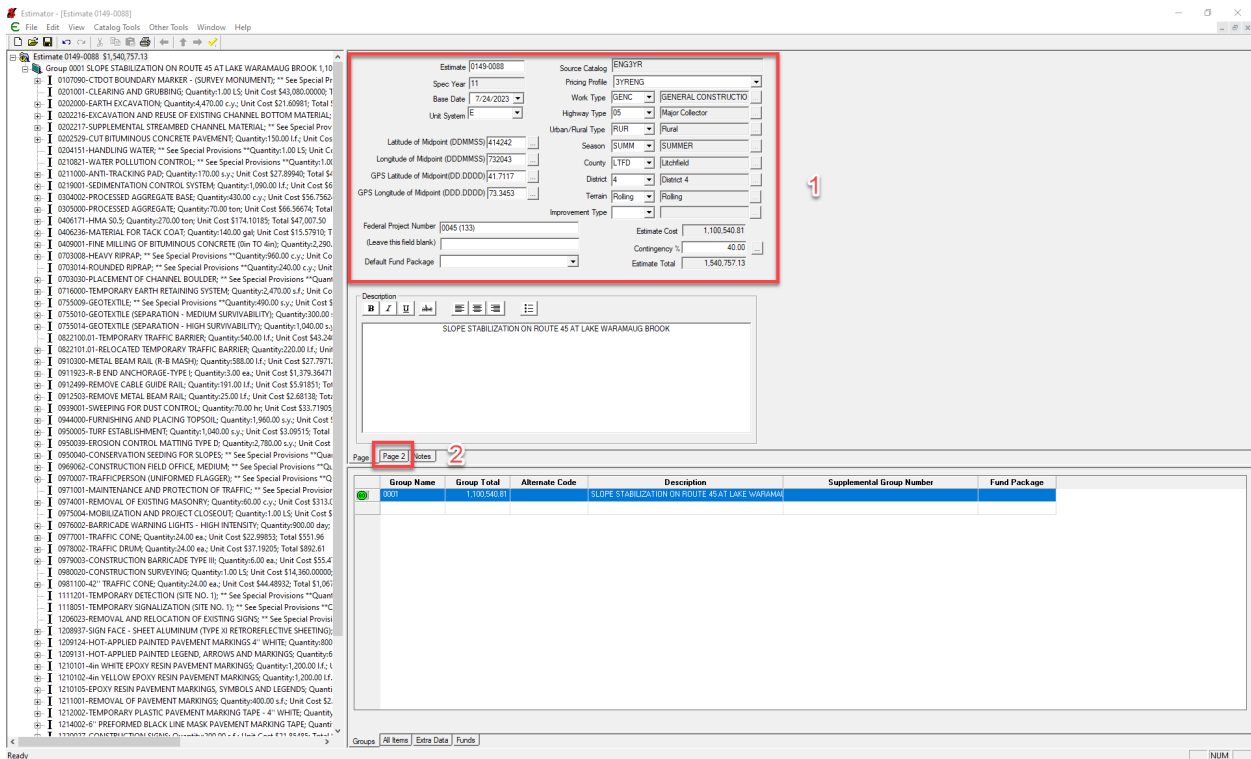


4. Select proper .est Estimator file to open (1)
5. Select "Open" (2)

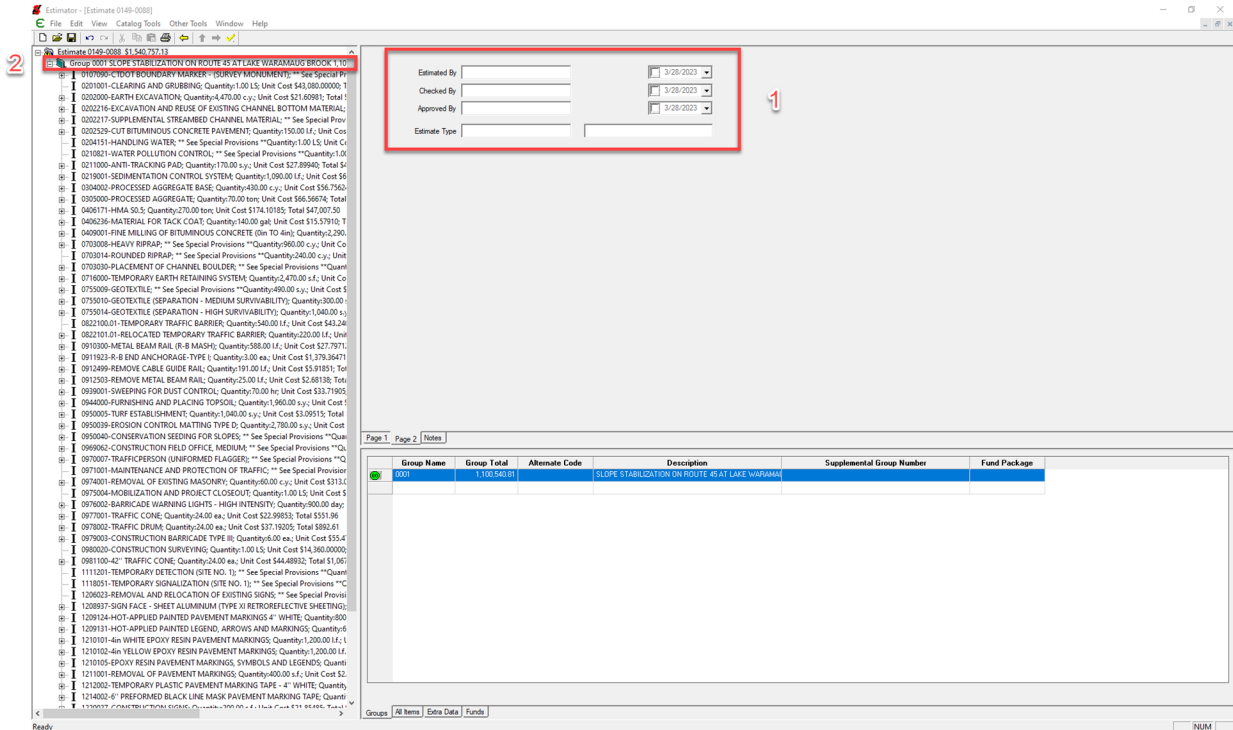


6. Ensure proper estimate data in entered the header (1)

7. Select page 2 (2)



8. Ensure all Page 2 header information is Blank. Data in these fields may cause errors during the import process (1)
9. Select each group individually (2)



10. Ensure a description is included in the Group Description field (1)
11. Ensure all "\*\* See Special Provisions \*\*" labels are enter exactly as required. Two asterisk, one space between the leading and trailing "s". If these labels are not exact an error will be generated during the Estimator import process. (2)
12. Select File to begin the export process (3)

Estimate 0149-0088 \$1,540,757.13

Group 0001 Group Total 1,100,540.81

Supplemental Group Number

Default Fund Package [ ] From Estimate Default Fund Package

Pricing Profile [ ] From Estimate Default Pricing Profile

Group Description

SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

Line #	Item	Quantity	Unit	Unit Price	Extension	Alt Code	Description	Supplemental Description
0010	01017000	3.000	ea	937.5445	2,812.63		C/DOT BOUNDARY MARKER (SURVEY MONUMENT)	** See Special Provisions **
0011	0201001	1.000	LS	43,000.0000	43,000.00		CLEARING AND GRUBBING	
0012	0202000	4,470.000	c.y.	21.6981	96,956.85		EARTH EXCAVATION	
0015	0202216	50.000	c.y.	97.3422	4,867.12		EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTO	** See Special Provisions **
0021	0202217	1.000	est.	1,000.0000	1,000.00		SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	** See Special Provisions **
0024	0202529	150.000	lf.	5.98140	897.21		CUT BITUMINOUS CONCRETE PAVEMENT	
0026	0204151	1.000	LS	120,000.0000	120,000.00		HANDLING WATER	** See Special Provisions **
0027	0219821	1.000	est.	10,000.0000	10,000.00		WATER POLLUTION CONTROL	** See Special Provisions **
0048	0211000	170.000	c.y.	27.89940	4,742.90		ANTI-TRACING PAD	
0070	0219001	1,090.000	lf.	6.21126	6,879.27		SEDIMENTATION CONTROL SYSTEM	
0072	0304002	430.000	c.y.	56.79524	24,405.18		PROCESSED AGGREGATE BASE	
0075	0305000	70.000	ton	66.59874	4,659.67		PROCESSED AGGREGATE	
0085	0406216	270.000	ton	174.10195	47,007.50		HMA 5.0 S	
0110	0406236	140.000	gal	15.57910	2,161.07		MATERIAL FOR TACK COAT	
0112	0409001	2,200.000	c.y.	10.80165	24,756.78		FINE MILLING OF BITUMINOUS CONCRETE (6in TO 4in)	
0115	0703008	960.000	c.y.	128.0000	122,880.00		HEAVY RIPRAP	** See Special Provisions **
0127	0703014	240.000	c.y.	125.88000	30,213.60		ROUNDED RIPRAP	** See Special Provisions **
0140	0703030	70.000	ea	372.20516	26,054.36		TEMPORARY TRAFFIC BARRIER	** See Special Provisions **
0142	0716000	2,470.000	lf.	26.61781	65,745.98		TEMPORARY EARTH RETAINING SYSTEM	
0145	0759009	450.000	c.y.	35.00000	15,750.00		GEOTEXTILE	** See Special Provisions **
0195	0795010	300.000	c.y.	4.45487	1,336.49		GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	** See Special Provisions **
0196	0795014	1,040.000	c.y.	2.92663	3,049.94		GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	** See Special Provisions **
0170	0822101.01	540.000	lf.	43.24000	23,349.60		TEMPORARY TRAFFIC BARRIER	
0175	0822101.01	220.000	lf.	6.97612	1,535.75		RELOCATED TEMPORARY TRAFFIC BARRIER	
0190	0910300	568.000	ton	27.79712	15,644.71		METAL BEAM RAIL (R-B MASH)	
0200	0911523	3.000	ea	1,379.36471	4,138.09		R-B END ANCHORAGE TYPE I	
0210	0912494	190.000	lf.	6.41661	1,219.14		REINFORCING FABRIC FOR RAIL	

### 13. Select "Export Estimate File"

Estimate - [Estimate 0149-0088]

File Edit View Catalog Tools Other Tools Window Help

New Ctrl-N

Open... Ctrl-O

Close Ctrl-F

Save Ctrl-S

Save As... Ctrl-S

Save Cost Sheets to Catalog

Import Estimate File

Export Estimate File

Print... Ctrl-P

Print Preview

1 0149-0088-008

2 C:\Users\10047-0111\_5F

3 0246-0127-2022-11-02\_Estimator

4 0141-0157

5 0301-0195-FA

6 Design Approval Cost Estimate

7 C:\Users\10014-0177EE

8 0092-0681\_Estimate (03-22-2022)

9 102-296\_FDP\_Estimate

10 0171-0473\_Proposal Estimate\_2022-04-07 (1)

Exit

Group 0001 Group Total 1,100,540.81

Supplemental Group Number

Default Fund Package [ ] From Estimate Default Fund Package

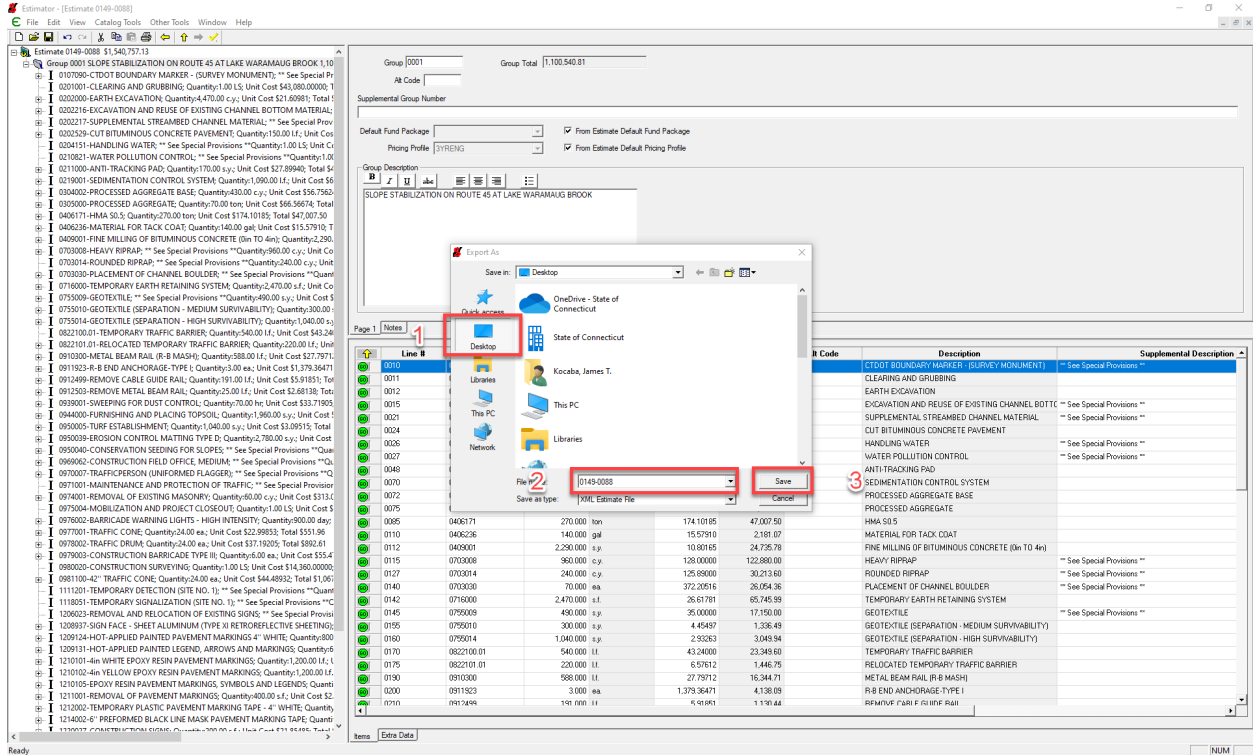
Pricing Profile [ ] From Estimate Default Pricing Profile

Group Description

SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

Line #	Item	Quantity	Unit	Unit Price	Extension	Alt Code	Description	Supplemental Description
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0011	0201001	1.000	LS	43,000.0000	43,000.00		CLEARING AND GRUBBING	
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0015	0202216	50.000	c.y.	97.3422	4,867.12		EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTO	** See Special Provisions **
0021	0202217	1.000	est.	1,000.0000	1,000.00		SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	** See Special Provisions **
0024	0202529	150.000	lf.	5.98140	897.21		CUT BITUMINOUS CONCRETE PAVEMENT	
0026	0204151	1.000	LS	120,000.0000	120,000.00		HANDLING WATER	** See Special Provisions **
0027	0219821	1.000	est.	10,000.0000	10,000.00		WATER POLLUTION CONTROL	** See Special Provisions **
0048	0211000	170.000	c.y.	27.89940	4,742.90		ANTI-TRACING PAD	
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0175	0822101.01	220.000	lf.	6.97612	1,535.75		RELOCATED TEMPORARY TRAFFIC BARRIER	
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0200	0911523	3.000	ea	1,379.36471	4,138.09		R-B END ANCHORAGE TYPE I	
0210	0912494	190.000	lf.	6.41661	1,219.14		REINFORCING FABRIC FOR RAIL	

14. Enter project number (1)
15. Select file save location (2)
16. Click Save (3)



## Import Estimator XML File into AASHTOWare Project

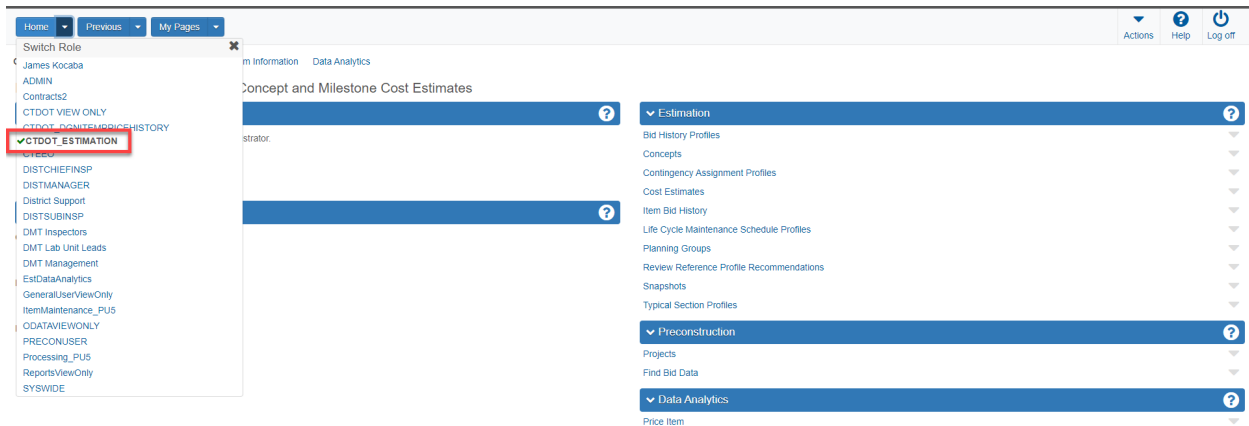
1. Ensure that the proper url is selected: <https://ctdot-pr-prod.infotechinc.com/Account/LogOn>
2. Enter User name and password



Version 4.4 Revision 034

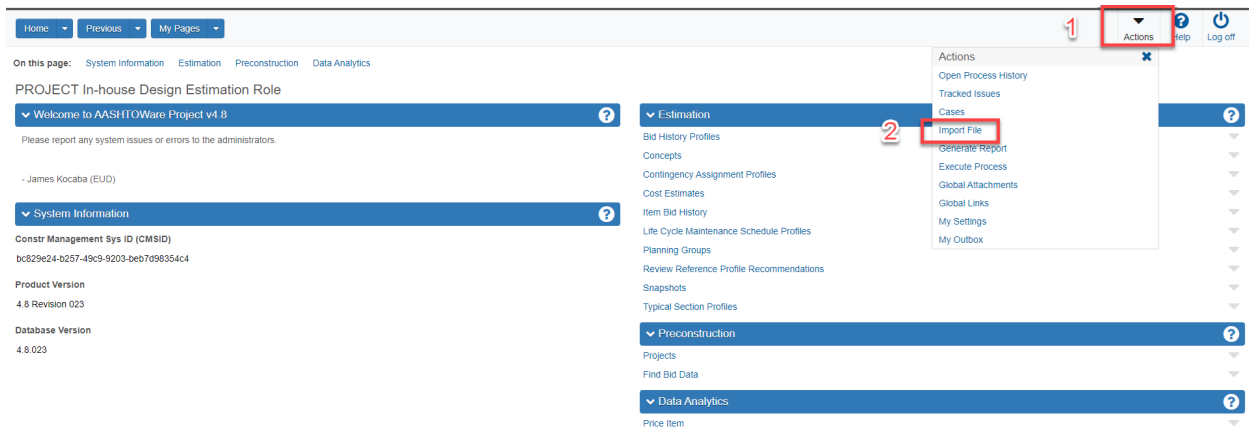
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### 3. Select the role CT\_DOT Estimation



### 4. Select Global Actions (1)

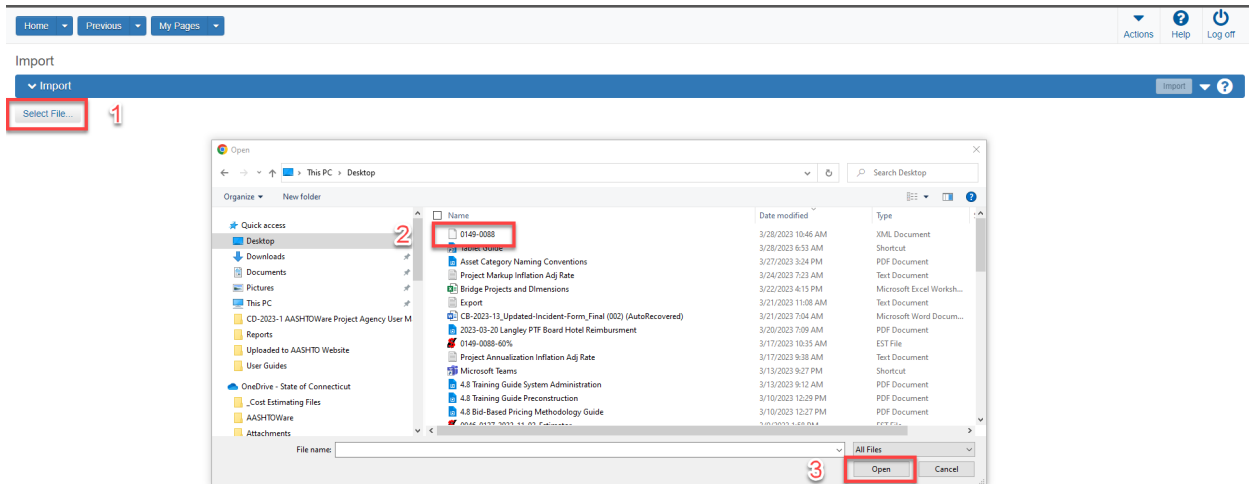
### 5. Select Import File (2)



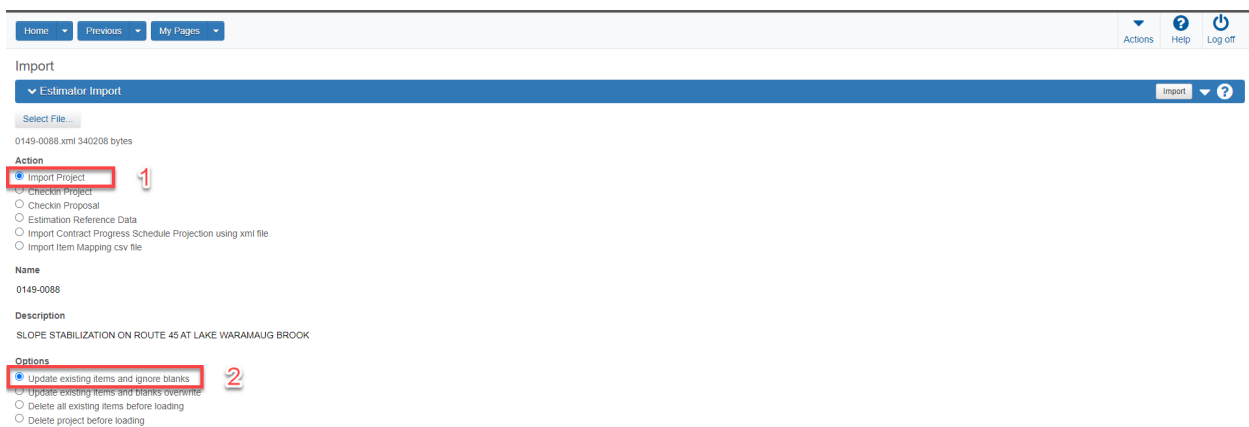
### 6. Select "Select File" (1)

### 7. Locate project file to import (2)

### 8. Select "Open" (3)

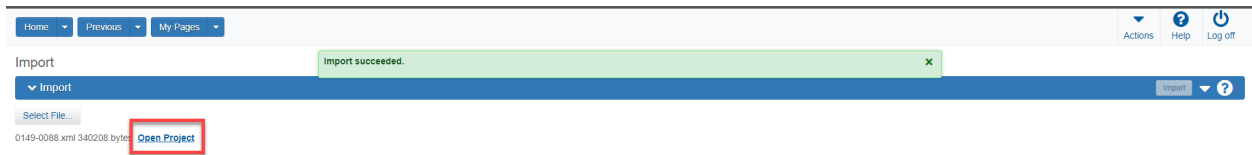


9. Maintain “Import Project” selection (1)
10. Maintain “Update existing items and ignore blanks” selection (2)



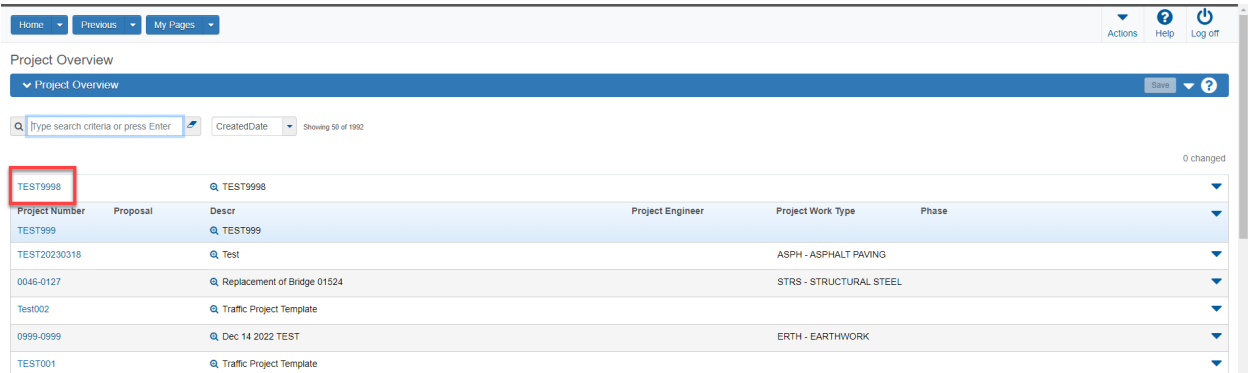
11. A successful import will produce the following message. If error messages are generated, modification to the estimator file must be completed and a revised import completed. The error messages may be related to incomplete page 1 or 2 header information, category description or inaccurate special provision labels.
12. Select “Open Project”





## Update Project Summary Information

### 1. Select proper Project



### 2. Select "General"

3. Enter project information. The red boxes indicate the required data to be provided on this screen. If multiple projects are integrated into one contract, please select which project is the controlling project.

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: TEST9998 - TEST9998 Save ?

Proposal:

**General** 1

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

**Project Number**  
TEST9998

**Project Description \***  
TEST9998

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

**Unit System \***  
English

**Federal Project Number**

**Project Work Type**

**Project Item Total**

**State Project Number**

**Project Engineer**

**Designed By**

**Id**  
2331

**Created By**  
CONNDOT\kocabajt

**Created Date**  
03/20/2023 9:24:40 AM

**Incidentals and Contingences**

**Highway Type**

**Historical Inc and Cont-LEAVE BLANK**

**Primary Project County**  
HTFD - Hartford

**Primary Project District ID**  
2 - Norwich

**Town 1**

**Town 2**

**Town 3**

**Town 4**

**Town 5**

**Town 6**

**Controlling Project**

4. Counties, Districts and Points have already been entered previously. However, it is good practice to ensure that each tab contains accurate project data
5. Road Segments entries are currently not required
6. Select Bridge Segments (1) This data must be entered for each structure reconstructed or rehabilitated
7. Select New (2)
8. Enter the required Bridge Segment data (3)
9. If an additional Bridge Segment is necessary, select new to enter another segment.

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: 0052-0093 - Replacement of Bridge No.01547 Carrying Route 207 over Beaver Brook Save ?

Proposal:

**General**

Counties

Districts

Points

Road Segments

**Bridge Segments** 1

Workflow

**New** 2

0 added | 0 marked for deletion | 0 changed

01547 - Route 207 over Beaver Brook 003.02 - Steel Stringer/Multi Beam or Girder

**Bridge Number \***  
01547

**Description \***  
Route 207 over Beaver Brook

**Bridge Type**  
003.02 - Steel Stringer/Multi Beam or Girder

**Length (ft)**

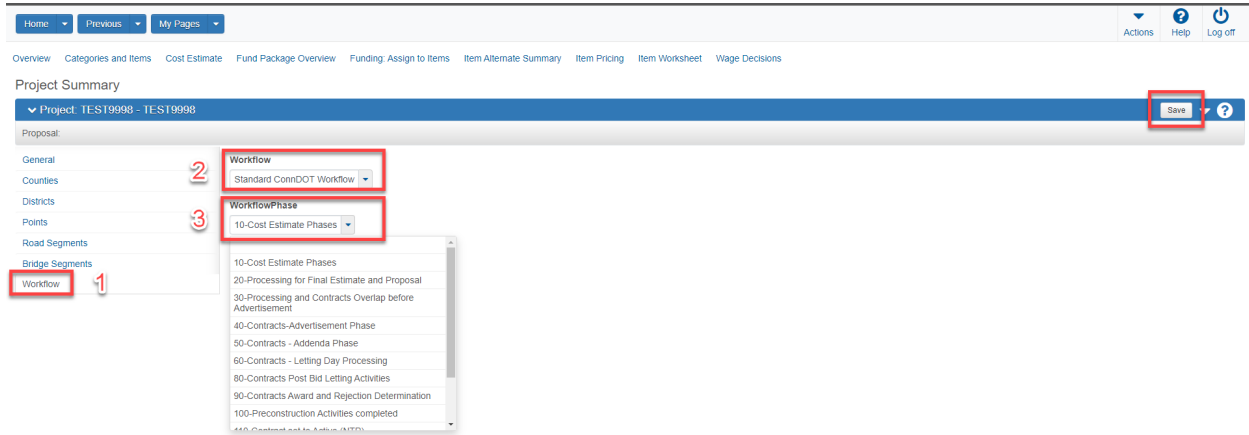
**Width Out-to-Out (ft)**

**Bridge Deck Area (sf) - FHWA Reportable**

**Category ID**  
01-01547 - Route 207 over Beaver Brook

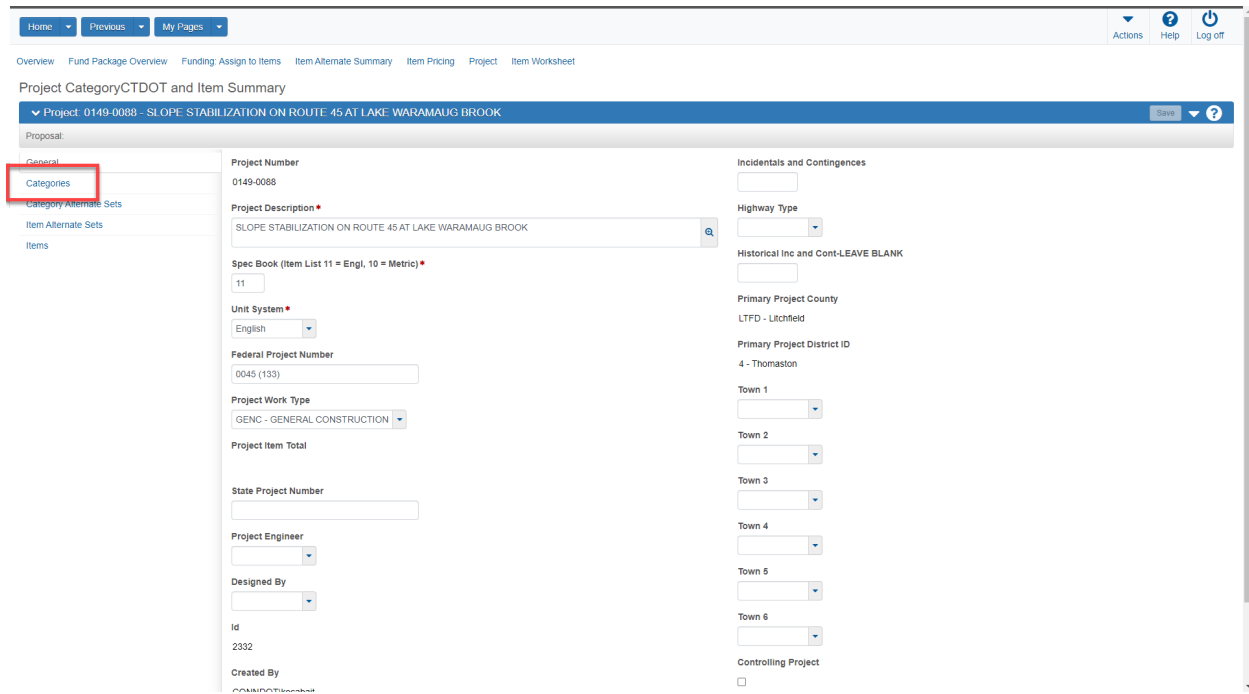
**Comment**

10. Select Workflow (1)
11. Select Standard ConnDOT Workflow (2)
12. Select 10-Cost Estimate Phase (3)
13. Click "Save" (4)



## Modify Project Asset Categories

1. Navigate to Categories on the project Summary screen



2. Modify existing category ID (1)
3. Modify existing category description (2)
4. Click "Save" (3)

The screenshot shows the 'Project CategoryCTDOT and Item Summary' page for project '0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK'. The left sidebar contains 'Categories', 'Category Alternate Sets', 'Item Alternate Sets', and 'Items'. The main area shows a list of categories. The first category, '0001 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK', is selected. The 'Category ID' field is set to '0097' and is highlighted with a red box and the number '1'. The 'Category Description' field is set to 'Highways' and is highlighted with a red box and the number '2'. The 'Save' button is highlighted with a red box and the number '3'. A yellow notification bar at the top indicates 'There are unsaved changes.' The top navigation bar includes 'Home', 'Previous', 'My Pages', 'Actions', 'Help', and 'Log off'.

5. Create new categories based upon the following template and project assets. Do this as many times as needed to fulfill all project asset categories.
6. Click "New" (1)
7. Enter category ID (2)
8. Enter category description (3)
9. Click Save

The screenshot shows the same software interface as above, but with a new category being created. The 'New' button is highlighted with a red box and labeled '1'. The 'Category ID' field is set to '0095' and is highlighted with a red box and the number '2'. The 'Category Description' field is set to 'Traffic Safety' and is highlighted with a red box and the number '3'. The 'Save' button is highlighted with a red box and the number '4'. A yellow notification bar at the top indicates 'There are unsaved changes.' The top navigation bar includes 'Home', 'Previous', 'My Pages', 'Actions', 'Help', and '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: Trmp/AssetClgr Asset Category Template Save ?

General

Categories

Cost Summary

Cost Estimate Items

Non-Construction Costs

Markups

Item Pricing Worksheet

Q Type search criteria or press Enter CategoryIDSort Showing 20 of 20

0 added | 0 marked for deletion | 0 changed

>	0001-XXX	Bridge location and description	
>	0002-XXX	Pavement Treatments	
>	0003-XXX	Traffic Signal location and description	
>	0004-XXX	Sign Location and description	
>	0005-XXX	Sign Support location and description	
>	0006-XXX	Pavement Markings location and description	
>	0007-XXX	Highway Buildings (Tier 1.2.3) Location and description	
>	0008-XXX	Roadway Illumination location and description	
>	0009-XXX	Retaining Walls location and description	
>	0010-XXX	Drainage Culverts location and description	
>	0011-XXX	ITS location and description	
>	0012-XXX	Highway Safety Barriers - location and description	
>	0013-XXX	Curb Ramps - location and description	
>	0014-XXX	Noise Walls - description and location	
>	0095	Environmental	
>	0096	Traffic Safety	
>	0097	Highways	
>	0098	Non-State Assets	
>	Category	Category Descr	Category Total
>	0099	General	
>	8888	Non-Bid	

## Associate Asset Category IDs to Project Items

### 1. Navigate to the Item Worksheet screen

Home Previous My Pages Actions Help Log off

Overview Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Project **Item Worksheet**

### Project CategoryCTDOT and Item Summary

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Proposal:

General

Categories

Category Alternate Sets

Item Alternate Sets

Items

Project Number  
0149-0088

Project Description \*  
SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

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

Unit System \*  
English

Federal Project Number  
0045 (133)

Project Work Type  
GENC - GENERAL CONSTRUCTION

Project Item Total

State Project Number

Project Engineer

Designed By

Id  
2332

Created By

Incidentals and Contingences

Highway Type

Historical Inc and Cont-LEAVE BLANK

Primary Project County  
LTFD - Litchfield

Primary Project District ID  
4 - Thomaston

Town 1

Town 2

Town 3

Town 4

Town 5

Town 6

Controlling Project

## 2. Double Click on the category to be modified

Home Previous My Pages Actions Help Log off

Overview Categories and Items Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

Cat ID	Prog Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0097	0010	0107090	CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)	ea	3.000			** See Special Provisio...
0097	0020	0201001	CLEARING AND GRUBBING	LS	1.000			** See Special Provisio...
0097	0030	0202000	EARTH EXCAVATION	c.y	4.470	0.000		** See Special Provisio...
0097	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y	50.000			** See Special Provisio...
0097	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	msf	1.000			** See Special Provisio...
0097	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf	150.000			** See Special Provisio...
0097	0070	0204151	HANDLING WATER	LS	1.000			** See Special Provisio...
0097	0080	0210021	WATER POLLUTION CONTROL	msf	1.000			** See Special Provisio...
0097	0090	0211000	ANTI-TRACKING RAD	s.y	170.000			** See Special Provisio...
0097	0100	0219001	SEDMIMENTATION CONTROL SYSTEM	lf	1.000	0.000		** See Special Provisio...
0097	0110	0304002	PROCESSED AGGREGATE BASE	c.y	430.000			** See Special Provisio...
0097	0120	0305000	PROCESSED AGGREGATE	ton	70.000			** See Special Provisio...
0097	0130	0400171	HMA 50.5	ton	270.000			** See Special Provisio...
0097	0140	0400236	MATERIAL FOR TACK COAT	gal	140.000			** See Special Provisio...
0097	0150	0400601	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y	2,290.000			** See Special Provisio...
0097	0160	0703000	HEAVY RIPRAP	c.y	900.000			** See Special Provisio...
0097	0170	0703014	ROUNDED RIPRAP	c.y	240.000			** See Special Provisio...
0097	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea	70.000			** See Special Provisio...
0097	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f	2,470.000			** See Special Provisio...
0097	0200	0755000	GEOTEXTILE	s.y	490.000			** See Special Provisio...
0097	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y	300.000			** See Special Provisio...
0097	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y	1,040.000			** See Special Provisio...
0097	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf	540.000			** See Special Provisio...
0097	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf	220.000			** See Special Provisio...
0097	0250	0910300	METAL BEAM RAIL (R-B MASH)	lf	580.000			** See Special Provisio...
0097	0260	0911923	R-B END ANCHORAGE-TYPE I	ea	3.000			** See Special Provisio...
0097	0270	0912499	REMOVE CABLE GUIDE RAIL	lf	191.000			** See Special Provisio...

## 3. Delete the existing category

Home Previous My Pages Actions Help Log off

Overview Categories and Items Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

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0097	0010	0107090	CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)	ea	3.000			** See Special Provisio...
0097	0020	0201001	CLEARING AND GRUBBING	LS	1.000			** See Special Provisio...
0097	0030	0202000	EARTH EXCAVATION	c.y	4.470	0.000		** See Special Provisio...
0097	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y	50.000			** See Special Provisio...
0097	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	msf	1.000			** See Special Provisio...
0097	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf	150.000			** See Special Provisio...
0097	0070	0204151	HANDLING WATER	LS	1.000			** See Special Provisio...
0097	0080	0210021	WATER POLLUTION CONTROL	msf	1.000			** See Special Provisio...
0097	0090	0211000	ANTI-TRACKING RAD	s.y	170.000			** See Special Provisio...
0097	0100	0219001	SEDMIMENTATION CONTROL SYSTEM	lf	1.000	0.000		** See Special Provisio...
0097	0110	0304002	PROCESSED AGGREGATE BASE	c.y	430.000			** See Special Provisio...
0097	0120	0305000	PROCESSED AGGREGATE	ton	70.000			** See Special Provisio...
0097	0130	0400171	HMA 50.5	ton	270.000			** See Special Provisio...
0097	0140	0400236	MATERIAL FOR TACK COAT	gal	140.000			** See Special Provisio...
0097	0150	0400601	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y	2,290.000			** See Special Provisio...
0097	0160	0703000	HEAVY RIPRAP	c.y	900.000			** See Special Provisio...
0097	0170	0703014	ROUNDED RIPRAP	c.y	240.000			** See Special Provisio...
0097	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea	70.000			** See Special Provisio...
0097	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f	2,470.000			** See Special Provisio...
0097	0200	0755000	GEOTEXTILE	s.y	490.000			** See Special Provisio...
0097	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y	300.000			** See Special Provisio...
0097	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y	1,040.000			** See Special Provisio...
0097	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf	540.000			** See Special Provisio...
0097	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf	220.000			** See Special Provisio...
0097	0250	0910300	METAL BEAM RAIL (R-B MASH)	lf	580.000			** See Special Provisio...
0097	0260	0911923	R-B END ANCHORAGE-TYPE I	ea	3.000			** See Special Provisio...
0097	0270	0912499	REMOVE CABLE GUIDE RAIL	lf	191.000			** See Special Provisio...

## 4. Select Enter and choose the proper category for the item

Home Previous My Pages Actions Help Log off

Overview Categories and Items Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet **There are unsaved changes.**

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

0 added 0 marked for deletion 1 changed

Item ID	Proj Line Num	Item	Units	Quantity	Price	Ext Amt	Special Prov Ind
0097	0010	0107090	ea.	3	3,000		** See Special Provisio...
0097	0020	0201001	LS	1	1,000		** See Special Provisio...
0097	0000	0202000	c.y.	4,470	4,470,000		** See Special Provisio...
0097	0000	0203000	c.y.	50	50,000		** See Special Provisio...
0097	0007	0305000	est.	1	1,000		** See Special Provisio...
0097	0010	0305000	lf.	150	150,000		** See Special Provisio...
0097	0010	0305000	lf.	1	1,000		** See Special Provisio...
0097	0000	0210821	est.	1	1,000		** See Special Provisio...
0097	0090	0211000	s.y.	170	170,000		** See Special Provisio...
0097	0100	0219001	lf.	1,090	1,090,000		** See Special Provisio...
0097	0110	0304002	c.y.	430	430,000		** See Special Provisio...
0097	0120	0305000	ton	70	70,000		** See Special Provisio...
0097	0130	0406171	ton	270	270,000		** See Special Provisio...
0097	0140	0406236	gal	140	140,000		** See Special Provisio...
0097	0150	0409001	s.y.	2,290	2,290,000		** See Special Provisio...
0097	0160	0703000	c.y.	960	960,000		** See Special Provisio...
0097	0170	0703014	c.y.	240	240,000		** See Special Provisio...
0097	0180	0703030	ea.	70	70,000		** See Special Provisio...
0097	0190	0716000	s.f.	2,470	2,470,000		** See Special Provisio...
0097	0200	0755000	s.y.	490	490,000		** See Special Provisio...
0097	0210	0755010	s.y.	300	300,000		** See Special Provisio...
0097	0220	0755014	s.y.	1,040	1,040,000		** See Special Provisio...
0097	0230	0822100.01	lf.	540	540,000		** See Special Provisio...
0097	0240	0822101.01	lf.	220	220,000		** See Special Provisio...
0097	0250	0910300	lf.	588	588,000		** See Special Provisio...
0097	0260	0911923	ea.	3	3,000		** See Special Provisio...
0097	0270	0912499	lf.	191	191,000		** See Special Provisio...

5. Complete this task for all the items on the project.
6. Multiple items can be assign to a category using the range fill option.

Home Previous My Pages Actions Help Log off

Overview Categories and Items Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet **There are unsaved changes.**

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

0 added 0 marked for deletion 1 changed

Item ID	Proj Line Num	Item	Units	Quantity	Price	Ext Amt	Special Prov Ind
0097	0010	0107090	ea.	3	3,000		** See Special Provisio...
0097	0020	0201001	LS	1	1,000		** See Special Provisio...
0097	0000	0202000	c.y.	4,470	4,470,000		** See Special Provisio...
0097	0000	0203000	c.y.	50	50,000		** See Special Provisio...
0097	0007	0305000	est.	1	1,000		** See Special Provisio...
0097	0010	0305000	lf.	150	150,000		** See Special Provisio...
0097	0010	0305000	lf.	1	1,000		** See Special Provisio...
0097	0000	0210821	est.	1	1,000		** See Special Provisio...
0097	0090	0211000	s.y.	170	170,000		** See Special Provisio...
0097	0100	0219001	lf.	1,090	1,090,000		** See Special Provisio...
0097	0110	0304002	c.y.	430	430,000		** See Special Provisio...
0097	0120	0305000	ton	70	70,000		** See Special Provisio...
0097	0130	0406171	ton	270	270,000		** See Special Provisio...
0097	0140	0406236	gal	140	140,000		** See Special Provisio...
0097	0150	0409001	s.y.	2,290	2,290,000		** See Special Provisio...
0097	0160	0703000	c.y.	960	960,000		** See Special Provisio...
0097	0170	0703014	c.y.	240	240,000		** See Special Provisio...
0097	0180	0703030	ea.	70	70,000		** See Special Provisio...
0097	0190	0716000	s.f.	2,470	2,470,000		** See Special Provisio...
0097	0200	0755000	s.y.	490	490,000		** See Special Provisio...
0097	0210	0755010	s.y.	300	300,000		** See Special Provisio...
0097	0220	0755014	s.y.	1,040	1,040,000		** See Special Provisio...
0097	0230	0822100.01	lf.	540	540,000		** See Special Provisio...
0097	0240	0822101.01	lf.	220	220,000		** See Special Provisio...
0097	0250	0910300	lf.	588	588,000		** See Special Provisio...
0097	0260	0911923	ea.	3	3,000		** See Special Provisio...
0097	0270	0912499	lf.	191	191,000		** See Special Provisio...

# 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)

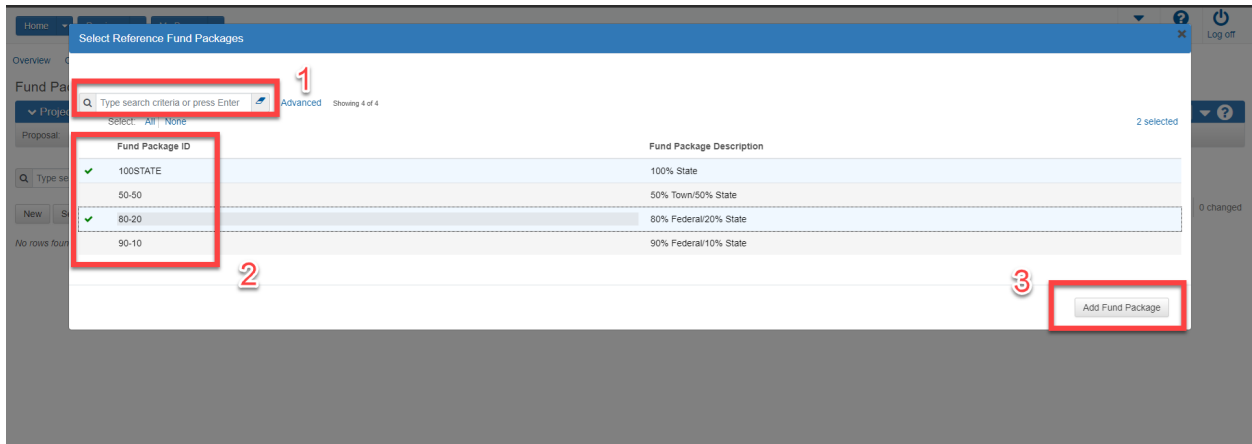
The screenshot shows the 'Project Summary' interface for project '0056-0321 - Drainage Replacement on U.S. Route 1'. The main navigation header at the top includes 'Home', 'Previous', 'My Pages', and a set of tabs: 'Overview', 'Categories and Items', 'Cost Estimate', 'Fund Package Overview' (highlighted with a red box and a '2'), 'Funding: Assign to Items', 'Item Alternate Summary', 'Item Pricing', 'Item Worksheet', and 'Wage Decisions'. On the left sidebar, the 'General' tab is highlighted with a red box and a '1'. The main content area is divided into three columns: 'Project Information' (Project Number: 0056-0321, Project Description: Drainage Replacement on U.S. Route 1, Spec Book: 11, Unit System: English, Federal Project Number, Project Work Type: HWAY - HIGHWAY, Project Item Total: 638,654.57, State Project Number, Project Engineer, Designed By, Id: 2301, Created By), 'Incidentals and Contingences' (Historical Inc and Cont-LEAVE BLANK, Primary Project County: FRFD - Fairfield, Primary Project District ID: 3 - New Haven, Town 1: 0056 - GREENWICH, Towns 2-6: dropdown menus, Controlling Project: checkbox), and a 'Save' button.

3. Click on “Select Fund Packages” button (1)

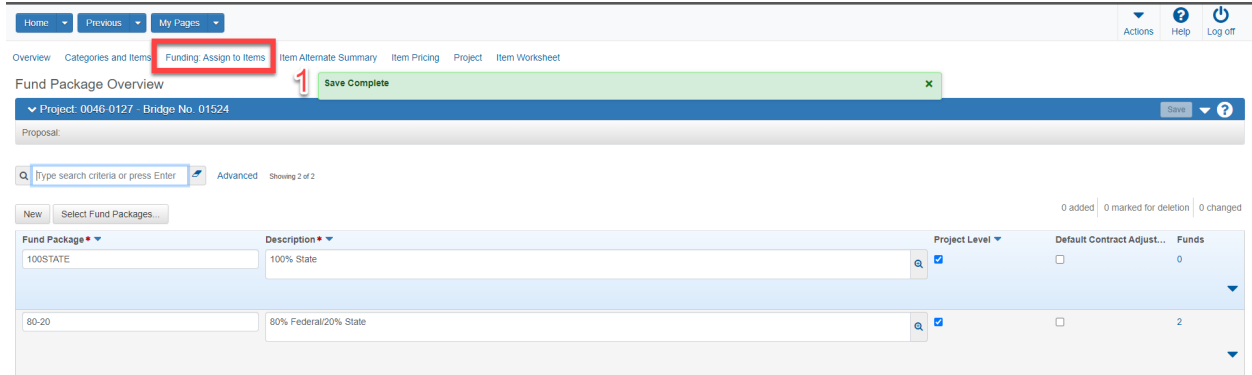
The screenshot shows the 'Fund Package Overview' interface for project '0046-0127 - Bridge No. 01524'. The main navigation header at the top includes 'Home', 'Previous', 'My Pages', and a set of tabs: 'Overview', 'Categories and Items', 'Funding: Assign to Items', 'Item Alternate Summary', 'Item Pricing', 'Project', and 'Item Worksheet'. Below the navigation, there is a search bar with the text 'Type search criteria or press Enter' and an 'Advanced' link. The 'Select Fund Packages...' button is highlighted with a red box and a '1'. Below the search bar, it says 'No rows found matching criteria.' On the right side, there are statistics: '0 added | 0 marked for deletion | 0 changed'.

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)



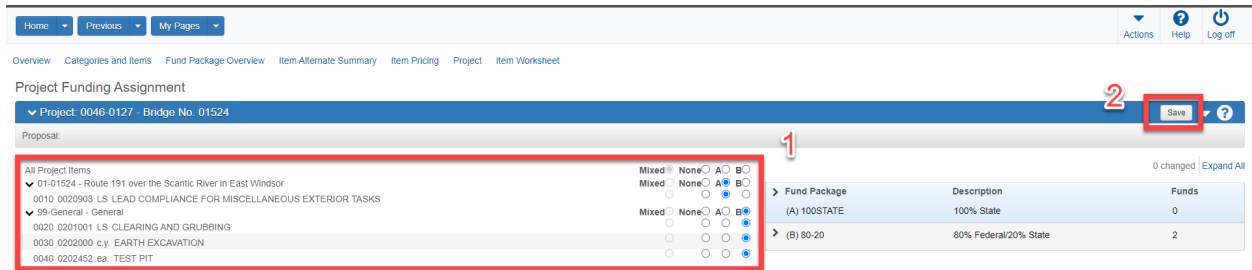


## 7. Select "Funding Assign to Items" (1)



## 8. Assign funds by selecting all project items, asset categories or individual items (1).

## 9. Click "Save" (2)



Clear Project Prices before Cost Estimate Creation

# 1. Select "Item Worksheet" from the Project Summary page (1)

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

Counties

Districts

Points

Road Segments

Bridge Segments

Workflow

**Project Number**  
0149-0088

**Project Description**  
SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

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

**Unit System**  
English

**Federal Project Number**  
0045 (133)

**Project Work Type**  
GENC - GENERAL CONSTRUCTION

**Project Item Total**  
1,100,540.81

**State Project Number**

**Project Engineer**

**Designed By**

**Id**  
2332

**Created By**

**Incidentals and Contingences**

**Highway Type**

**Historical Inc and Cont-LEAVE BLANK**

**Primary Project County**  
LTFD - Litchfield

**Primary Project District ID**  
4 - Thomaston

**Town 1**

**Town 2**

**Town 3**

**Town 4**

**Town 5**

**Town 6**

**Controlling Project**

# 2. Select the price in the first row.

Home Previous My Pages Actions Help Log off

Overview Categories and Items Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing **Project**

### Project Item Worksheet

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

**Project Item Total**  
1,100,540.81

Q Type search criteria or press Enter System Default Showing 65 of 65

Cat ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0001	0010	0107090	CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)	ea	3.00	288.73448	2,816.20	See Special Provisio...
0001	0020	0201001	CLEARING AND GRUBBING	LS	1.00		43,000.00	
0001	0030	0202000	EARTH EXCAVATION	c.y.	4,470.000	21.60961	96,595.85	
0001	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y.	50.000	97.34232	4,867.12	See Special Provisio...
0001	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	est.	1.000	1,000.00000	1,000.00	See Special Provisio...
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf.	150.000	5.90140	897.21	
0001	0070	0204151	HANDLING WATER	LS	1.000	120,000.00000	120,000.00	See Special Provisio...
0001	0080	0210821	WATER POLLUTION CONTROL	est.	1.000	10,000.00000	10,000.00	See Special Provisio...
0001	0090	0211000	ANTI-TRACKING PAD	s.y.	170.000	27.89940	4,742.90	
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	lf.	1,080.000	6.31126	6,879.27	
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y.	430.000	56.75624	24,405.18	
0001	0120	0305000	PROCESSED AGGREGATE	ton	70.000	66.56674	4,659.67	
0001	0130	0406171	HMA 50.5	ton	270.000	174.19185	47,007.50	
0001	0140	0406236	MATERIAL FOR TACK COAT	gal	140.000	15.57910	2,181.07	
0001	0150	0409001	FINE MILLING OF BITUMINOUS CONCRETE (8" TO 4")	sf	2,280.000	10.89165	24,735.78	
0001	0160	0703006	HEAVY RIPRAP	c.y.	860.000	120.00000	122,800.00	See Special Provisio...
0001	0170	0703014	ROUNDED RIPRAP	c.y.	240.000	125.89000	30,213.60	See Special Provisio...
0001	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea	70.000	372.20516	26,054.36	See Special Provisio...
0001	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.ft.	2,470.000	26.61781	65,745.99	
0001	0200	0755000	GEOTEXTILE	s.y.	400.000	35.00000	17,150.00	See Special Provisio...
0001	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y.	300.000	4.45497	1,336.49	
0001	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y.	1,040.000	2.92326	3,049.94	
0001	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf.	540.000	43.24000	23,349.60	
0001	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf.	220.000	6.57612	1,446.75	
0001	0250	0910300	METAL BEAM RAIL (R.B. MASH)	lf.	580.000	27.79712	16,244.71	
0001	0260	0911823	R.B. END ANCHORAGE, TYPE 1	ea	3.000	1,379.36471	4,138.09	
0001	0270	0912499	REMOVE CABLE GUIDE RAIL	lf.	191.000	5.91051	1,130.44	

3. Delete the selected price (1)
4. Select Save (2)

The screenshot shows a software interface for a 'Project Item Worksheet'. At the top, there are navigation tabs: 'Home', 'Previous', and 'My Pages'. On the right, there are 'Actions', 'Help', and 'Log off' buttons. A yellow notification bar states 'There are unsaved changes.' Below this, a blue header bar displays the project name 'Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK' and a 'Save' button circled in red with the number '2'. The main area contains a table with columns: 'Cat ID', 'Proj Line Num', 'Item', 'Descr', 'Units', 'Quantity', 'Price', 'Ext Amt', and 'Special Prov Ind'. The 'Price' column is highlighted in red, and a red box with the number '1' is around the first row's price cell. At the bottom of the table, there are statistics: '0 added', '0 marked for deletion', and '1 changed'.

Cat ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0001	0010	0107090	CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)	ea.	3,000			** See Special Provisio...
0001	0020	0201001	CLEARING AND GRUBBING	LS	1,000		43,000.00	
0001	0030	0202000	EARTH EXCAVATION	c.y.	4,470,000		21,60951	96,595.85
0001	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y.	50,000		97,34232	4,867.12 ** See Special Provisio...
0001	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	est.	1,000		1,000,000.00	1,000.00 ** See Special Provisio...
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf.	150,000		5,98140	697.21
0001	0070	0204151	HANDLING WATER	LS	1,000		120,000,000.00	120,000.00 ** See Special Provisio...
0001	0080	0210821	WATER POLLUTION CONTROL	est.	1,000		10,000,000.00	10,000.00 ** See Special Provisio...
0001	0090	0211000	ANTI-TRACKING PAD	s.y.	170,000		27,89940	4,742.90
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	lf.	1,090,000		6,31126	6,879.27
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y.	430,000		56,75824	24,405.18
0001	0120	0305000	PROCESSED AGGREGATE	ton	70,000		66,56874	4,659.67
0001	0130	0406171	HMA 50.5	ton	270,000		174,10185	47,007.50
0001	0140	0406236	MATERIAL FOR TACK COAT	gal	140,000		15,57910	2,181.07
0001	0150	0409001	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y.	2,290,000		10,80165	24,735.78
0001	0160	0703008	HEAVY RIPRAP	c.y.	960,000		128,000.00	122,800.00 ** See Special Provisio...
0001	0170	0703014	ROUNDED RIPRAP	c.y.	240,000		125,800.00	30,213.60 ** See Special Provisio...
0001	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea.	70,000		372,20516	26,054.36 ** See Special Provisio...
0001	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f.	2,470,000		26,61781	65,745.99
0001	0200	0755009	GEOTEXTILE	s.y.	490,000		35,000.00	17,150.00 ** See Special Provisio...
0001	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y.	300,000		4,45497	1,336.49
0001	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y.	1,040,000		2,93263	3,049.94
0001	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf.	540,000		43,24000	23,349.60
0001	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf.	220,000		6,57612	1,446.75
0001	0250	0910300	METAL BEAM RAIL (R.B.MASH)	lf.	588,000		27,79712	16,344.71
0001	0260	0911923	R-B END ANCHORAGE-TYPE I	ea.	3,000		1,379,36471	4,138.09
0001	0270	0912499	REMOVE CABLE GUIDE RAIL	lf.	191,000		5,91851	1,130.44

5. Begin Range Fill operation
6. Select the action arrow to the right of "Price" (1)
7. Check the box for all rows (2)
8. Select "Fill" (3)

Home Previous My Pages Actions Help Log Off

Overview Categories and Items Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total  
1,097,724.61

Q Type search criteria or press Enter System Default Showing 65 of 65

Cat ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0001	0010	0107090	CTDOT BOUNDARY MARKER -(SURVEY MONUMENT)	ea	3,000			** See Special Provisio...
0001	0020	0201001	CLEARING AND GRUBBING	LS	1,000		43,000.00	
0001	0030	0202000	EARTH EXCAVATION	c.y	4,470.000		96,995.85	
0001	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y	50.000		4,867.12	** See Special Provisio...
0001	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	est.	1,000		1,000.00	** See Special Provisio...
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf.	150.000		697.21	
0001	0070	0204151	HANDLING WATER	LS	1,000		120,000.00	** See Special Provisio...
0001	0080	0210821	WATER POLLUTION CONTROL	est.	1,000		10,000.00	** See Special Provisio...
0001	0090	0211000	ANTI-TRACKING PAD	s.y.	170.000		4,742.90	
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	lf.	1,090.000		6,319.26	
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y.	430.000		56,756.24	
0001	0120	0305000	PROCESSED AGGREGATE	ton	70.000		66,568.74	
0001	0130	0406171	HMA 50 S	ton	270.000		174,101.95	
0001	0140	0406236	MATERIAL FOR TACK COAT	gal	140.000		15,579.91	
0001	0150	0409001	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y.	2,290.000		10,801.65	
0001	0160	0703000	HEAVY RIPRAP	c.y.	960.000		128,000.00	** See Special Provisio...
0001	0170	0703014	ROUNDED RIPRAP	c.y.	240.000		125,890.00	** See Special Provisio...
0001	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea.	70.000		372,205.14	** See Special Provisio...
0001	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f.	2,470.000		26,617.81	
0001	0200	0755009	GEOTEXTILE	s.y.	490.000		35,000.00	** See Special Provisio...
0001	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y.	300.000		4,450.87	
0001	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y.	1,040.000		2,932.61	
0001	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf.	540.000		43,240.00	
0001	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf.	220.000		6,576.12	
0001	0250	0910300	METAL BEAM RAIL (R.B MASH)	lf.	588.000		27,797.12	
0001	0260	0911923	R-B END ANCHORAGE-TYPE I	ea.	3,000		1,379,364.71	
0001	0270	0912499	REMOVE CABLE GUIDE RAIL	lf.	191.000		5,918.51	

Sort & Range Filter: Ascending, Descending, Rows, Columns, All 65 Rows, Fill

## 9. Click Save

Home Previous My Pages Actions Help Log Off

Overview Categories and Items Fund Package Overview Funding Assign to Items Item Alternate Summary Item Pricing Project

Project Item Worksheet

There are unsaved changes. X

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

Cat ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0001	0010	0107090	CTDOT BOUNDARY MARKER -(SURVEY MONUMENT)	ea	3,000			** See Special Provisio...
0001	0020	0201001	CLEARING AND GRUBBING	LS	1,000			
0001	0030	0202000	EARTH EXCAVATION	c.y	4,470.000			
0001	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y	50.000			** See Special Provisio...
0001	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	est.	1,000			** See Special Provisio...
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf.	150.000			** See Special Provisio...
0001	0070	0204151	HANDLING WATER	LS	1,000			** See Special Provisio...
0001	0080	0210821	WATER POLLUTION CONTROL	est.	1,000			** See Special Provisio...
0001	0090	0211000	ANTI-TRACKING PAD	s.y.	170.000			** See Special Provisio...
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	lf.	1,090.000			** See Special Provisio...
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y.	430.000			** See Special Provisio...
0001	0120	0305000	PROCESSED AGGREGATE	ton	70.000			** See Special Provisio...
0001	0130	0406171	HMA 50 S	ton	270.000			** See Special Provisio...
0001	0140	0406236	MATERIAL FOR TACK COAT	gal	140.000			** See Special Provisio...
0001	0150	0409001	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	s.y.	2,290.000			** See Special Provisio...
0001	0160	0703000	HEAVY RIPRAP	c.y.	960.000			** See Special Provisio...
0001	0170	0703014	ROUNDED RIPRAP	c.y.	240.000			** See Special Provisio...
0001	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea.	70.000			** See Special Provisio...
0001	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f.	2,470.000			** See Special Provisio...
0001	0200	0755009	GEOTEXTILE	s.y.	490.000			** See Special Provisio...
0001	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	s.y.	300.000			** See Special Provisio...
0001	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	s.y.	1,040.000			** See Special Provisio...
0001	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf.	540.000			** See Special Provisio...
0001	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf.	220.000			** See Special Provisio...
0001	0250	0910300	METAL BEAM RAIL (R.B MASH)	lf.	588.000			** See Special Provisio...
0001	0260	0911923	R-B END ANCHORAGE-TYPE I	ea.	3,000			** See Special Provisio...
0001	0270	0912499	REMOVE CABLE GUIDE RAIL	lf.	191.000			** See Special Provisio...

## 10. Navigate back to the Project Summary page

Home Previous My Pages

Overview Categories and Items Fund Package Overview Funding: Assign to Items Item Alternate Summary Item Pricing **Project** Actions Help Log off

Project Item Worksheet

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK Save ?

Project Item Total

Q Type search criteria or press Enter System Default Showing 65 of 65

Cat ID	Proj Line Num	Item	Descr	Units	Quantity	Price	Ext Amt	Special Prov Ind
0001	0010	0107090	CTDOT BOUNDARY MARKER -(SURVEY MONUMENT)	ea		3.000		** See Special Provisio...
0001	0020	0201001	CLEARING AND GRUBBING	LS		1.000		
0001	0030	0202000	EARTH EXCAVATION	c.y		4.470	0.000	
0001	0040	0202216	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	c.y		50.000		** See Special Provisio...
0001	0050	0202217	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	est.		1.000		** See Special Provisio...
0001	0060	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	lf.		150.000		
0001	0070	0204151	HANDLING WATER	LS		1.000		** See Special Provisio...
0001	0080	0210821	WATER POLLUTION CONTROL	est.		1.000		** See Special Provisio...
0001	0090	0211000	ANTI-TRACKING PAD	c.y		170.000		
0001	0100	0219001	SEDIMENTATION CONTROL SYSTEM	lf.		1.000	0.000	
0001	0110	0304002	PROCESSED AGGREGATE BASE	c.y		430.000		
0001	0120	0305000	PROCESSED AGGREGATE	ton		70.000		
0001	0130	0406171	HMA 50 5	ton		270.000		
0001	0140	0406236	MATERIAL FOR TACK COAT	gal		140.000		
0001	0150	0409001	FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")	c.y		2.290	0.000	
0001	0160	0703000	HEAVY RIPRAP	c.y		860.000		** See Special Provisio...
0001	0170	0703014	ROUNDED RIPRAP	c.y		240.000		** See Special Provisio...
0001	0180	0703030	PLACEMENT OF CHANNEL BOULDER	ea		70.000		** See Special Provisio...
0001	0190	0716000	TEMPORARY EARTH RETAINING SYSTEM	s.f.		2.470	0.000	
0001	0200	0755009	GEOTEXTILE	c.y		490.000		** See Special Provisio...
0001	0210	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	c.y		300.000		
0001	0220	0755014	GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	c.y		1.040	0.000	
0001	0230	0822100.01	TEMPORARY TRAFFIC BARRIER	lf.		540.000		
0001	0240	0822101.01	RELOCATED TEMPORARY TRAFFIC BARRIER	lf.		220.000		
0001	0250	0910300	METAL BEAM RAIL (R-B MASH)	lf.		588.000		
0001	0260	0911923	R-B END ANCHORAGE-TYPE I	ea		3.000		
0001	0270	0912499	REMOVE CABLE GUIDE RAIL	lf.		191.000		

## Create Project Cost Estimate

### 1. Select "Cost Estimate"

Home Previous My Pages

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

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

- a. Construction Year (1)
  - b. Estimated Date (2)
  - c. Letting Date (3)
  - d. Highway Type (4)
  - e. Season (5)
  - f. Terrain (6)
3. Click "Save" (7)

Project Cost Estimate Summary

Project: 0046-0127 - Bridge No. 01524

Proposal:

General

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 - Nonwich

Urban/Rural: Urban/Rural

Project Work Type:

Construction Year (1)

Estimated Date (2)

Letting Date (3)

Highway Type (4)

Season (5)

Terrain (6)

Save (7)

4. Select "Cost Estimates" (1)
5. Select the drop down arrow to the right of "Add" (2)
6. Select "Copy Cost Estimate"

Project Cost Estimate Summary

Project: TEST9998 - TEST9998

Proposal:

General

Cost Estimates (1)

Search: Type search criteria or press Enter

Advanced

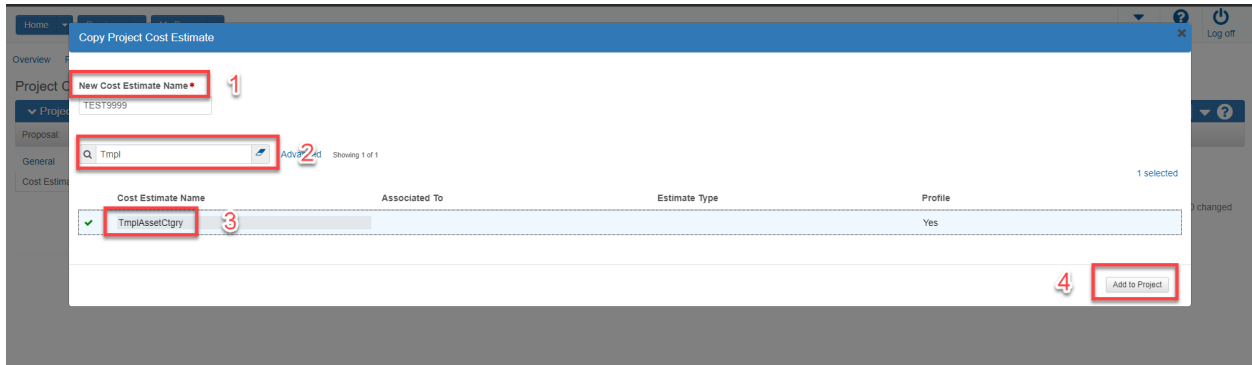
Show All

0 marked for deletion | 0 changed

Add (2)

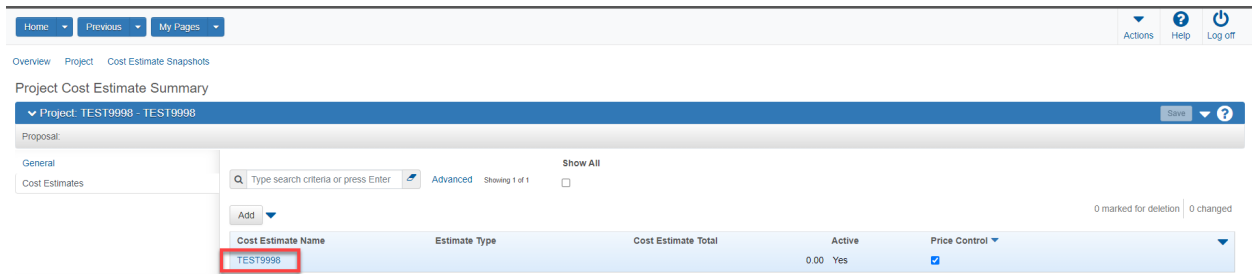
Copy Cost Estimate (3)

7. Enter new estimate name. Estimate name should match the project name. (1)
8. Search for "tmpl" (2)
9. Select TmplAssetCtgr (3)
10. Select Add to Project (4)

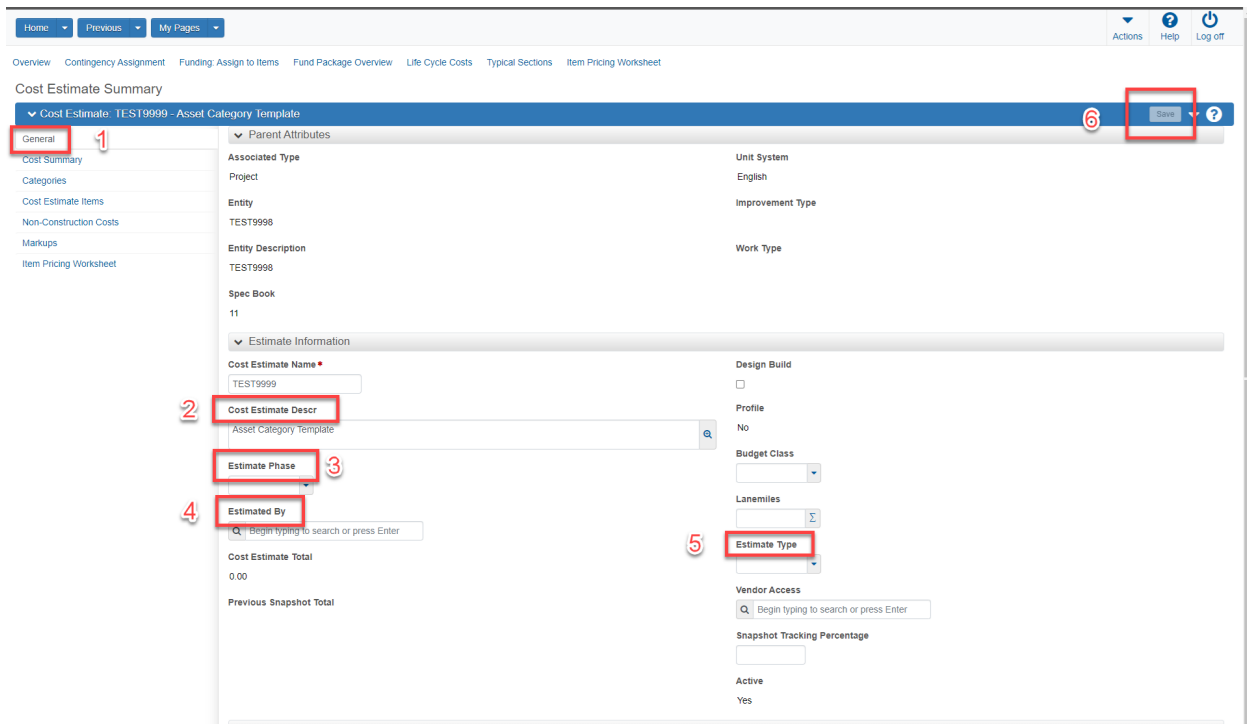


## Modify Project Cost Estimate Summary

### 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 Contingency Assignment

Contingency is an element of estimated cost included to account for uncertainty and risk. A profile has been created to include these diminishing costs as the project design continues towards completion. This profile automatically calculates risk value when a new cost estimate phase is selected.

1. Select Contingency Assignment



2. Select the action arrow dropdown (1)
3. Select Contingency Assignment Profile (2)

4. Select all profile names (1)
5. Select "Add to Cost Estimate" (2)

6. Select Contingencies Profile (1)

Home Previous My Pages Actions Help Log off

Cost Estimate

Cost Estimate Contingency Assignment Overview

Cost Estimate: 01-0173-0497 - Upgrade of IMS Along 1.95 & US Route 7 Save ?

Type search criteria or press Enter Advanced Showing 1 of 1

Add 0 marked for deletion 0 changed

Profile Name	Profile Description
01ContingencyFactor 1	Costs associated with risk and uncertainty

7. Select "Phase Ranges" tab (1)
8. Enter appropriate "Factor" for each phase (2)
9. Click Save (3)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0052-0093 - Replacement of Bridge No. 01547 carrying Route 207 over Beaver Brook 3 Save ?

General Phase Ranges 1 Risk Factors Items

Type search criteria or press Enter Advanced Showing 9 of 9

New 0 added 0 marked for deletion 0 changed

Phase	Recommendation	Expl. Req'd.	Factor	Explanation
01 - Programming	20.00 - 30.00	No	30.00	
02 - Programming Snapshot	20.00 - 30.00	No	30.00	
03 - Preliminary Design	15.00 - 25.00	No	25.00	
04 - Preliminary Design Snapshot	15.00 - 25.00	No	25.00	
05 - Semi-Final Design	10.00 - 20.00	No	20.00	
06 - Semi-Final Design Snapshot	10.00 - 20.00	No	20.00	
07 - Final Design	10.00 - 10.00	No	10.00	
09 - Final Design Plans	10.00 - 10.00	No	10.00	
10 - Final Design Plan Snapshot	10.00 - 10.00	No	10.00	

10. Select Risk Factors (1)
11. Select New (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

General Phase Ranges 1 Risk Factors 2 Items

Type search criteria or press Enter Advanced No rows found matching criteria

0 added 0 marked for deletion 0 changed

12. Select Enter in Risk Factor search box (1)
13. Select "02Contingency – Item Level Contingency" (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0103-0277 - Replacement of Bridge No 00279 carrying Lawler Lane over I-395 Save ?

General  
Phase Ranges  
Risk Factors  
Items

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

New 0 added 0 marked for deletion 0 changed

Risk Factor	Risk Type	Risk Category	Assignment Level
01GenContingency - General contingency section			Cost Estimate Item
01GenContingency		Scope Stability Level	
01GenContingency		Cost Estimation Phase	
01GenContingency		Estimation Methodology	
		Risk Factor Contingency Amount	517,451.76
		Improvement Type	

14. Select Assignment Level "Cost Estimate Item". This enables the user to select individual or all bid based items to be included in the percentage calculation (1)
15. Select "Items" (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

General  
Phase Ranges  
Risk Factors  
Items

Q Type search criteria or press Enter Advanced

New 1 added 0 marked for deletion 0 changed

Risk Factor	Risk Type	Risk Category	Assignment Level
02Contingency - Item Level Contingency			Cost Estimate Item
02Contingency		Scope Stability Level	
02Contingency		Cost Estimation Phase	
02Contingency		Estimation Methodology	
		Risk Factor Contingency Amount	0
		Improvement Type	

16. Select action arrow to the right of the New button (1)
17. Select "Select Items" (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary There are unsaved changes.

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

1 added | 0 marked for deletion | 0 changed

General

Phase Ranges

Risk Factors

Items

New Actions

Select Items...

Begin typing to search or press Enter

Risk Factor

Begin typing to search or press Enter

Supplemental Description

Line Number

Active

Quantity

Price

Ext Amt

Item Contingency

## 18. Select "All"

Home ? Log off

Overview

Cost Estimate

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

1 added | 0 marked for deletion | 0 changed

General

Phase Ranges

Risk Factors

Items

Select Cost Estimate Items

Risk Factor

02Contingency - Item Level Contingency

Begin typing to search or press Enter

Advanced Showing 27 of 27

Select All None

Item	Line	Descr	Supp Descr	Unit
001PARA	0010	MINOR ITEM ALLOWANCE PARAMETRIC ITEM		LS - LUMP SUM
0201001	0020	CLEARING AND GRUBBING		LS - LUMP SUM
0202000	0030	EARTH EXCAVATION		c.y. - Cubic Yard
0213100	0040	GRANULAR FILL		c.y. - Cubic Yard
0503001	0050	REMOVAL OF SUPERSTRUCTURE		LS - LUMP SUM
0508050	0060	SHEAR CONNECTORS		ea - Each
0521001	0070	ELASTOMERIC BEARING PADS		c.i. - Cubic Inch
0601062	0080	FOOTING CONCRETE		c.y. - Cubic Yard
0601064	0090	ABUTMENT AND WALL CONCRETE		c.y. - Cubic Yard
0601066	0100	COLUMN AND CAP CONCRETE		c.y. - Cubic Yard
0601120	0110	BRIDGE DECK CONCRETE (SIP FORMS)		c.y. - Cubic Yard
0601121	0120	PARAPET CONCRETE		l.f. - Linear Foot

Add to Profile

Advanced Showing 27 of 27
27 selected

Select:  All  None

Item	Line	Descr	Supp Descr	Unit
✓ 001PARA	0010	MINOR ITEM ALLOWANCE PARAMETRIC ITEM		LS - LUMP SUM
✓ 0201001	0020	CLEARING AND GRUBBING		LS - LUMP SUM
✓ 0202000	0030	EARTH EXCAVATION		c.y - Cubic Yard
✓ 0213100	0040	GRANULAR FILL		c.y - Cubic Yard
✓ 0503001	0050	REMOVAL OF SUPERSTRUCTURE		LS - LUMP SUM
✓ 0508050	0060	SHEAR CONNECTORS		ea - Each
✓ 0521001	0070	ELASTOMERIC BEARING PADS		c.i. - Cubic Inch
✓ 0601062	0080	FOOTING CONCRETE		c.y - Cubic Yard
✓ 0601064	0090	ABUTMENT AND WALL CONCRETE		c.y - Cubic Yard
✓ 0601066	0100	COLUMN AND CAP CONCRETE		c.y - Cubic Yard
✓ 0601120	0110	BRIDGE DECK CONCRETE (SIP FORMS)		c.y - Cubic Yard
✓ 0601121	0120	PARAPET CONCRETE		l.f. - Linear Foot
✓ 0602030	0130	DEFORMED STEEL BARS - GALVANIZED		lb - Pound
✓ 0603061	0140	STRUCTURAL STEEL (SITE NO. 1)		LS - LUMP SUM
✓ 0603474	0150	METALLIZING STRUCTURAL STEEL (SITE NO.		LS - LUMP SUM
✓ 0707009	0160	MEMBRANE WATERPROOFING (COLD LIQUID		s.y - Square Yard
✓ 0708001	0170	DAMP-PROOFING		s.y - Square Yard
✓ 0716000	0180	TEMPORARY EARTH RETAINING SYSTEM		s.f. - Square Foot
✓ 0717000	0190	EARTH RETAINING SYSTEM LEFT IN PLACE		s.f. - Square Foot
✓ 0913956	0200	PROTECTIVE FENCE (6' HIGH)		l.f. - Linear Foot
✓ 0971001	0210	MAINTENANCE AND PROTECTION OF TRAFFI		LS - LUMP SUM
✓ 0974001	0220	REMOVAL OF EXISTING MASONRY		c.y - Cubic Yard
✓ 0975004	0230	MOBILIZATION AND PROJECT CLOSEOUT		LS - LUMP SUM
✓ 0980020	0240	CONSTRUCTION SURVEYING		LS - LUMP SUM
✓ 3000101	0250	TRAFFICMEN (STATE POLICE OFFICERS)		LS - LUMP SUM
✓ 3100012	0260	C.L. + POWER CO. dba EVERSOURCE ENERG'		LS - LUMP SUM
✓ 3100127	0270	YANKEE GAS SERVICE CO. dba EVERSOURCI		LS - LUMP SUM

19. Uncheck any non-bid items (State Police, Utilities, Work by Others) to ensure contingency percentage is applied only to bid items (1).
20. Click "Add to Profile" (2)

Q Type search criteria or press Enter Advanced Showing 27 of 27

Select: [All](#) | [None](#) 24 selected

Item	Line	Descr	Supp Descr	Unit
✓ 001PARA	0010	MINOR ITEM ALLOWANCE PARAMETRIC ITEM		LS - LUMP SUM
✓ 0201001	0020	CLEARING AND GRUBBING		LS - LUMP SUM
✓ 0202000	0030	EARTH EXCAVATION		c.y. - Cubic Yard
✓ 0213100	0040	GRANULAR FILL		c.y. - Cubic Yard
✓ 0503001	0050	REMOVAL OF SUPERSTRUCTURE		LS - LUMP SUM
✓ 0508050	0060	SHEAR CONNECTORS		ea. - Each
✓ 0521001	0070	ELASTOMERIC BEARING PADS		c.i. - Cubic Inch
✓ 0601062	0080	FOOTING CONCRETE		c.y. - Cubic Yard
✓ 0601064	0090	ABUTMENT AND WALL CONCRETE		c.y. - Cubic Yard
✓ 0601066	0100	COLUMN AND CAP CONCRETE		c.y. - Cubic Yard
✓ 0601120	0110	BRIDGE DECK CONCRETE (SIP FORMS)		c.y. - Cubic Yard
✓ 0601121	0120	PARAPET CONCRETE		l.f. - Linear Foot
✓ 0602030	0130	DEFORMED STEEL BARS - GALVANIZED		lb. - Pound
✓ 0603061	0140	STRUCTURAL STEEL (SITE NO. 1)		LS - LUMP SUM
✓ 0603474	0150	METALLIZING STRUCTURAL STEEL (SITE NO.		LS - LUMP SUM
✓ 0707009	0160	MEMBRANE WATERPROOFING (COLD LIQUID		s.y. - Square Yard
✓ 0708001	0170	DAMP-PROOFING		s.y. - Square Yard
✓ 0716000	0180	TEMPORARY EARTH RETAINING SYSTEM		s.f. - Square Foot
✓ 0717000	0190	EARTH RETAINING SYSTEM LEFT IN PLACE		s.f. - Square Foot
✓ 0913956	0200	PROTECTIVE FENCE (6' HIGH)		l.f. - Linear Foot
✓ 0971001	0210	MAINTENANCE AND PROTECTION OF TRAFFI		LS - LUMP SUM
✓ 0974001	0220	REMOVAL OF EXISTING MASONRY		c.y. - Cubic Yard
✓ 0975004	0230	MOBILIZATION AND PROJECT CLOSEOUT		LS - LUMP SUM
✓ 0980020	0240	CONSTRUCTION SURVEYING		LS - LUMP SUM
3000101	0250	TRAFFICMEN (STATE POLICE OFFICERS)		LS - LUMP SUM
3100012	0260	C.L. + POWER CO. dba EVERSOURCE ENERG		LS - LUMP SUM
3100127	0270	YANKEE GAS SERVICE CO. dba EVERSOURCI		LS - LUMP SUM

2 Add to Profile

## 21. Click Save (1)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save

25 added | 0 marked for deletion | 0 changed

General

Phase Ranges

Risk Factors

Items

New

▼ New Item

Q Begin typing to search or press Enter

Q Begin typing to search or press Enter

Item	Risk Factor
> 001PARA	-
> 0201001	-
> 0202000	-
> 0213100	-
> 0503001	-
> 0508050	-
> 0521001	-
> 0601062	-
> 0601064	-
> 0601066	-
> 0601120	-
> 0601121	-
> 0602030	-

## New Items and Contingency Assignments

If new items are added to the Project and Estimate they must be incorporated into the Contingency Assignment Profile. They can be added using the following steps:

1. After new items are added to the project, navigate to the Cost Estimate Summary Overview Screen. (1)
2. Select the proper cost estimate (2)

Cost Estimate Overview

Profiles Only

0 marked for deletion | 0 changed

Cost Estimate Name	Associated To	Associated Type	Estimate Type	Profile	Active
0086-0321	0086-0321	Project		No	Yes
0103-0277	0103-0277	Project		No	Yes
0103-0277-CNT	0103-0277-CNT	Project		No	Yes
0123-0001	0123-0001	Project		No	Yes
0123-0004-01	0123-0004	Project		No	Yes
0123-0005-01	0123-0005	Project		No	Yes
0123-0987	0123-0987	Project		No	Yes
0123-0988	0123-0988	Project		No	Yes
0123-0989	0123-0989	Project		No	Yes
0123-9999	0123-9999	Project		No	Yes
0987-0123	0987-0123	Project		No	Yes
TempAssetCtgr				Yes	Yes

### 3. Select Contingency Assignment

Contingency Assignment

Cost Estimate Summary

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab

Parent Attributes

Associated Type: Project

Unit System: English

Entity: 0103-0277-CNT

Improvement Type

Entity Description: Non-Construction costs included in the estimate - Replacemen

Work Type: STRS - STRUCTURAL STEEL

Spec Book: 11

Estimate Information

Cost Estimate Name: 0103-0277-CNT

Design Build:

Profile: No

Cost Estimate Descr: Cost Estimate includes Non-Bid Items rather than using non-construction tab

Budget Class: [Dropdown]

Estimate Phase: 02PD - Preliminary Design

Lanemiles: [Input]

Estimated By: [Input]

Estimate Type: [Dropdown]

Cost Estimate Total: 5,609,841.42

### 4. Select Profile Name

Home Previous My Pages Actions Help Log off

Cost Estimate

Cost Estimate Contingency Assignment Overview

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

Project Items, Categories, or Fund Packages exist. Only pricing fields are editable.

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

Add 0 marked for deletion 0 changed

Profile Name	Profile Description
01ContingencyFactor	Costs associated with risk and uncertainty

## 5. Select Items

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

General	Profile Name *	Contingency Profile Cost
Phase Ranges	01ContingencyFactor	721,978.87
Risk Factors	Profile Description *	Current Estimate Phase
Items	Costs associated with risk and uncertainty	02PD - Preliminary Design
	Spec Book	
	11	

## 6. Select Action arrow (1)

## 7. Click "Select Items" (2)

Home Previous My Pages Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

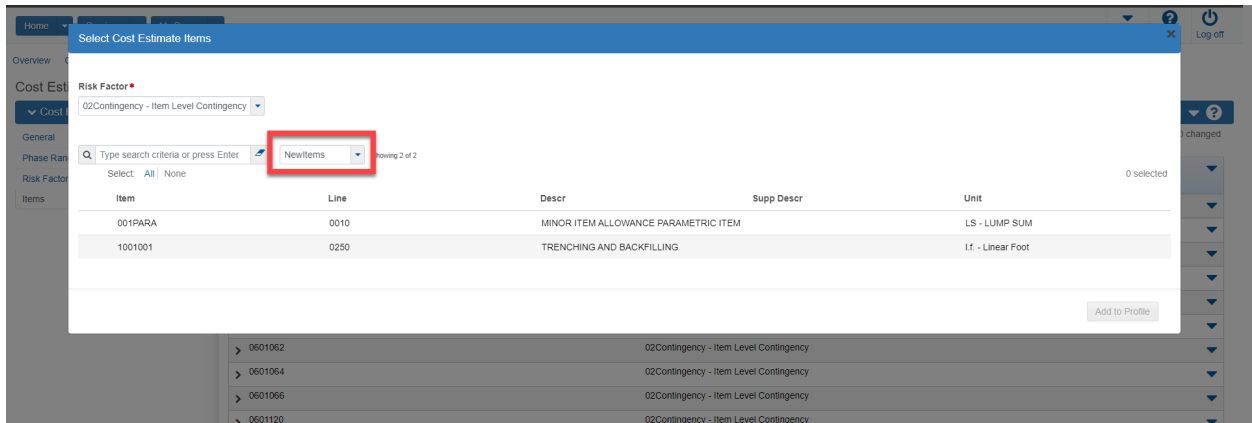
Cost Estimate: 0103-0277-CNT - Cost Estimate includes Non-Bid Items rather than using non-construction tab Save ?

0 added 0 marked for deletion 0 changed

Item	Actions	Risk Factor
> 0201001	Select Items	02Contingency - Item Level Contingency
> 0202000		02Contingency - Item Level Contingency
> 0213100		02Contingency - Item Level Contingency
> 0503001		02Contingency - Item Level Contingency
> 0508050		02Contingency - Item Level Contingency
> 0521001		02Contingency - Item Level Contingency
> 0601062		02Contingency - Item Level Contingency
> 0601064		02Contingency - Item Level Contingency
> 0601066		02Contingency - Item Level Contingency
> 0601120		02Contingency - Item Level Contingency
> 0601121		02Contingency - Item Level Contingency
> 0602030		02Contingency - Item Level Contingency
> 0603061		02Contingency - Item Level Contingency
> 0603474		02Contingency - Item Level Contingency
> 0707009		02Contingency - Item Level Contingency
> 0708001		02Contingency - Item Level Contingency
> 0716000		02Contingency - Item Level Contingency
> 0717000		02Contingency - Item Level Contingency

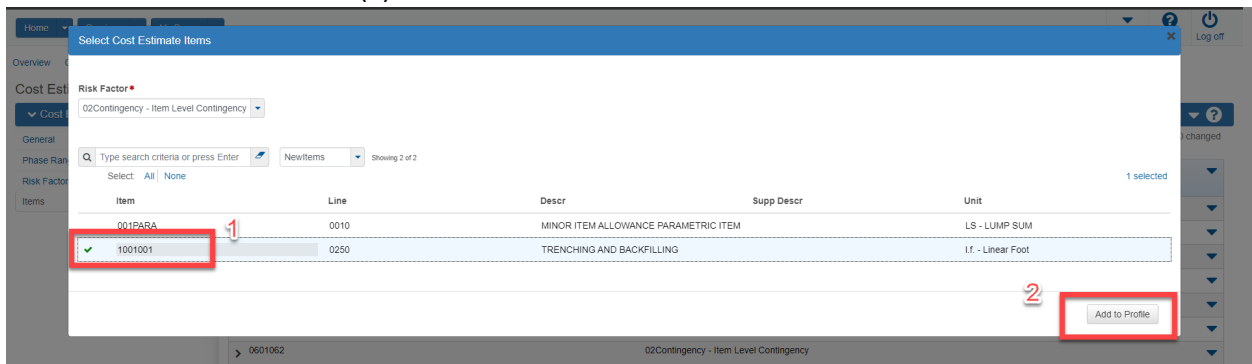
## 8. Ensure "NewItems" Filter is selected. Only new items added to the estimate in the last 24 hours will be displayed.



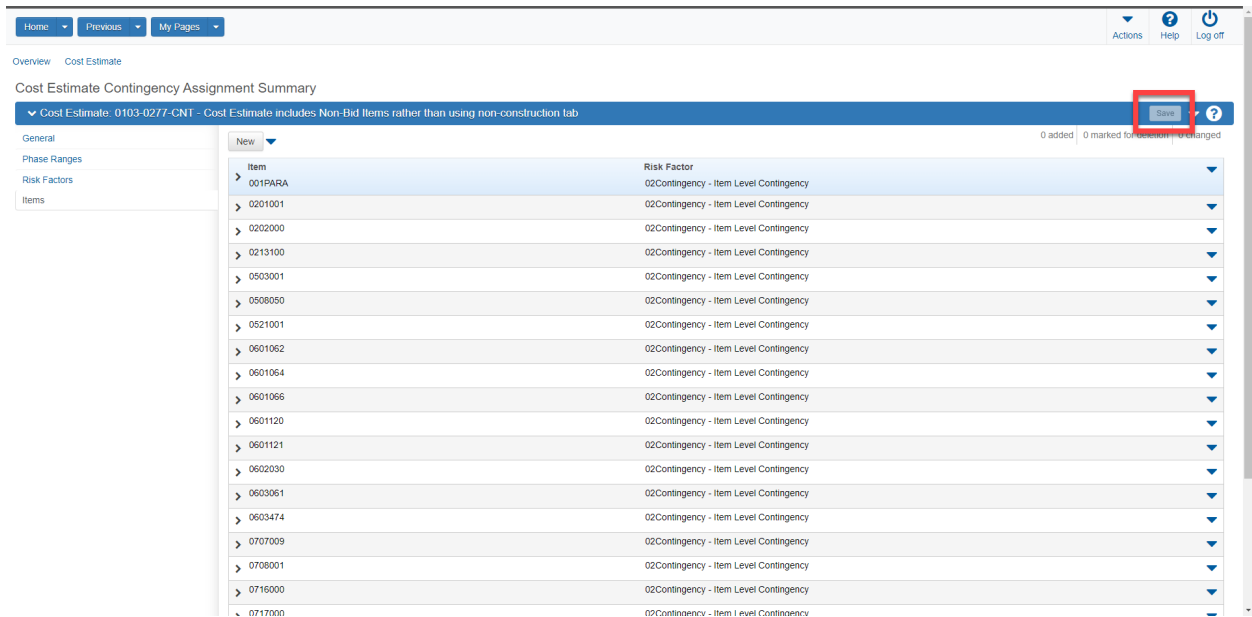


9. Select new item(s) added to the cost estimate (1)

10. Click "Add to Profile" (2)



11. Click "Save"



12. This completes the process for adding new items to an existing contingency profile.

## Incidentals

The Non-Construction Cost tab can be used to enter incidental cost values. 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)

## Inflation

The inflation tab can be used to forecast future inflation values. The system uses a formula that compares the project letting date to the current date to adjust the calculation. The user must select the inflation formula when creating an expression. See the following steps below:

1. Select Markups

The screenshot displays the 'Cost Estimate Summary' application interface. The top navigation bar includes 'Home', 'Previous', and 'My Pages' buttons, along with 'Actions', 'Help', and 'Log off' links. The main content area is titled 'Cost Estimate Summary' and shows a breadcrumb trail: 'Overview > Contingency Assignment > Funding: Assign to Items > Fund Package Overview > Life Cycle Costs > Item Pricing Worksheet'. The current view is for 'Cost Estimate: 0103-0277EE - TEST'. The left sidebar contains a list of tabs: 'General', 'Cost Summary', 'Categories', 'Cost Estimate Items', 'Non-Construction Costs', 'Markups' (highlighted with a red box), and 'Item Pricing Worksheet'. The main content area is divided into two sections: 'Parent Attributes' and 'Estimate Information'. The 'Parent Attributes' section includes fields for 'Associated Type' (Proposal), 'Unit System' (English), 'Entry' (0103-0277-CNT), 'Improvement Type', 'Entity Description' (Non-Construction costs included in the estimate), and 'Work Type'. The 'Estimate Information' section includes fields for 'Cost Estimate Name' (0103-0277EE), 'Design Build' (checkbox), 'Cost Estimate Descr' (TEST), 'Profile' (No), 'Estimate Phase' (dropdown), 'Budget Class' (dropdown), 'Estimated By' (searchable text input), 'Lanemiles' (text input), 'Cost Estimate Total' (3,742,366.04), 'Estimate Type' (dropdown), 'Previous Snapshot Total', and 'Vendor Access' (searchable text input).

2. Select New (1)
3. Select "Inflation" from the dropdown (2)
4. Enter Inflation Value (3)

## 5. Select Save (4)

The screenshot shows the 'Cost Estimate Summary' form for 'Cost Estimate: 0103-027/EE - TEST'. The interface includes a navigation bar with 'Home', 'Previous', and 'My Pages' buttons, and 'Actions', 'Help', and 'Log off' links. The form has a search bar and a 'New' button. A table with one row is visible, containing a 'Markup' dropdown set to '0001 - Inflation', a 'Markup Supplemental Description' field, and an 'Amount' dropdown set to '1.00'. A 'Save' button is highlighted with a red box and the number '4'. Other red boxes and numbers indicate: '1' on the 'Categories' section, '2' on the 'Markups' dropdown, and '3' on the 'Non-const' dropdown.

## 6. View Inflation Markup value by selecting Cost Summary

This screenshot shows the same 'Cost Estimate Summary' form, but with the 'Cost Summary' option selected in the left-hand navigation menu. The 'Save' button in the top right corner is now highlighted with a red box. The table content remains the same as in the previous screenshot.

This screenshot displays the 'Cost Estimate Summary' report for 'Cost Estimate: 0103-027/EE - TEST'. The 'Cost Summary' option is selected in the left-hand navigation menu. The report shows a 'Total Markups' value of 1.00, which is highlighted with a red box. The report is structured as follows:

Cost Estimate Total	
3,742,366.04	
Base Cost Estimate	
Total Cost Estimate Items	Total AdHoc Pricing
3,742,366.04	0.00
Total Typical Section Pricing	
0.00	
Other Costs	
Total Contingency	
0.00	
<b>Total Markups</b>	
<b>1.00</b>	
Cost Category Breakdown	
Total Construction Costs	Total Bid Costs
3,742,366.04	3,742,366.04
Total Non Construction Costs	Total Non Bid Costs
0.00	0.00
Total Preliminary Engineering Costs	
0.00	