

# 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.

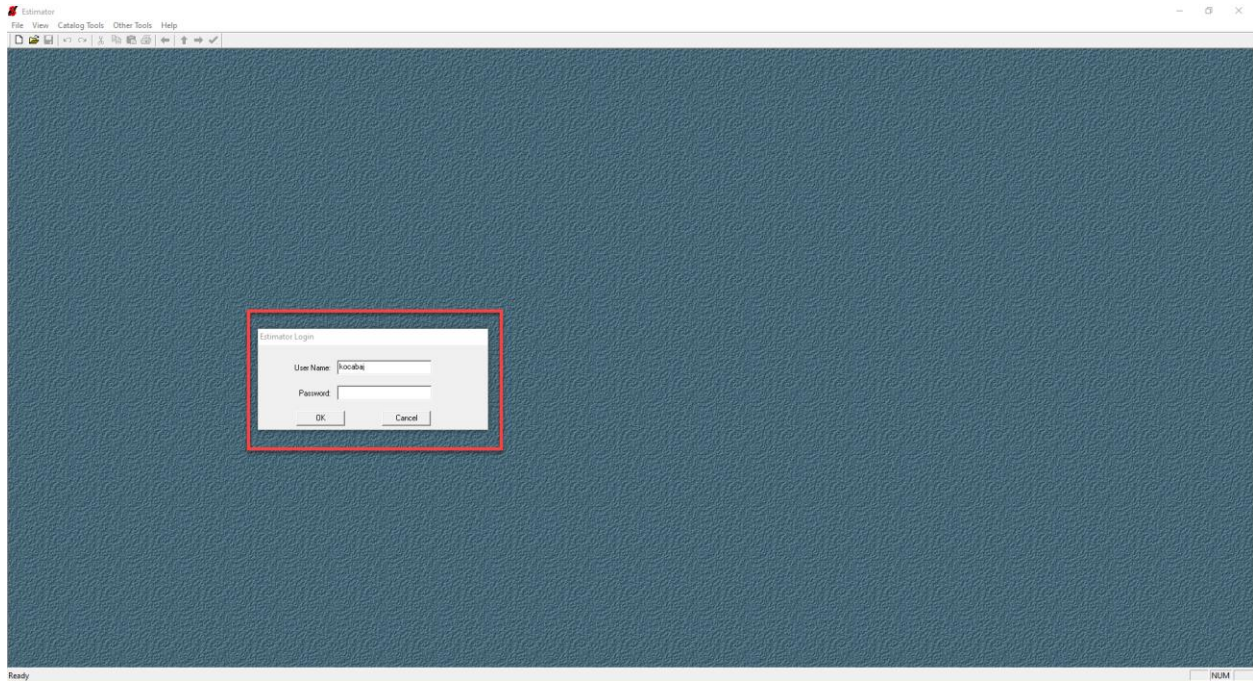
### Contents

|  |    |
|--|----|
| Export Estimator File to AASHTOWare Project.....           | 1  |
| Import Estimator XML File into AASHTOWare Project .....    | 6  |
| Update Project Summary Information .....                   | 9  |
| Modify Project Asset Categories .....                      | 11 |
| Associate Asset Category IDs to Project Items .....        | 13 |
| Update Project Fund Packages.....                          | 16 |
| Clear Project Prices before Cost Estimate Creation.....    | 18 |
| Create Project Cost Estimate.....                          | 21 |
| Calculate Bid Based Unit Prices for All Items.....         | 23 |
| Calculate Bid Based Unit Prices for Individual Items ..... | 25 |
| Add Contingency Percentage .....                           | 26 |
| Add Incidental Percentage .....                            | 27 |
| Add Inflation.....   | 28 |
| Snapshots and Cost Estimate Phase Transition .....         | 31 |

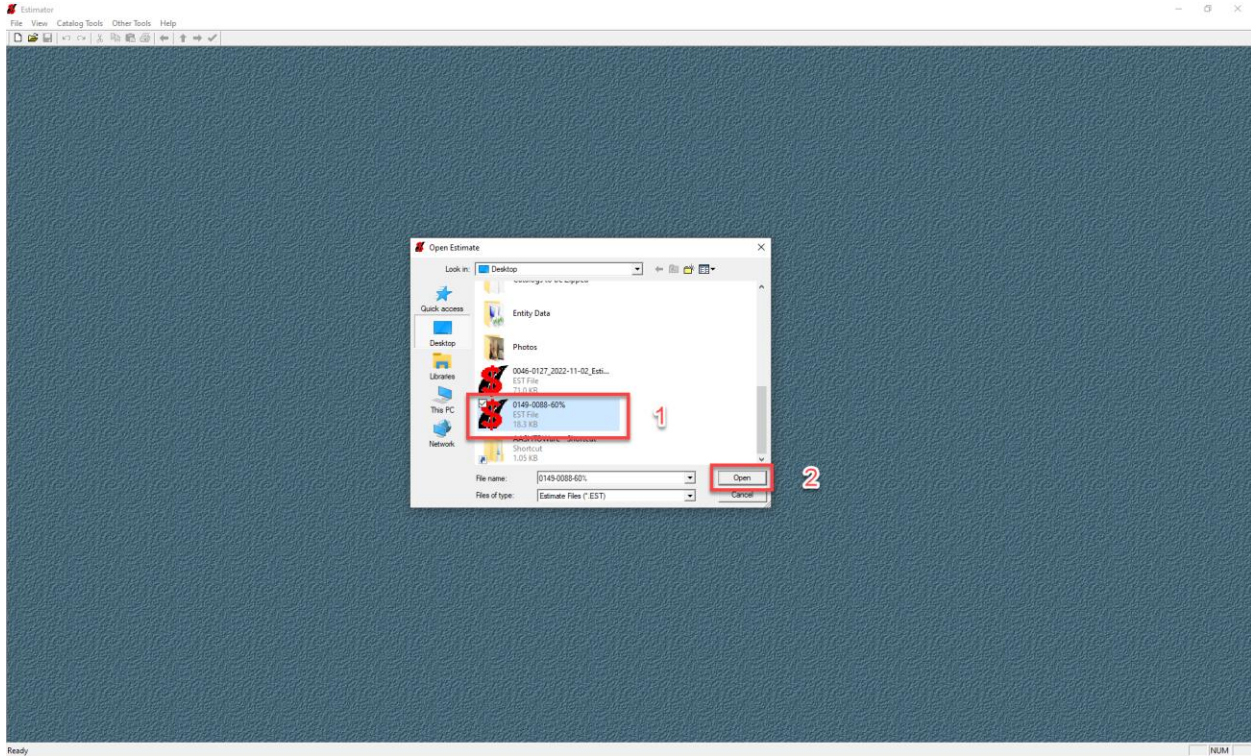
### Export Estimator File to AASHTOWare Project

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

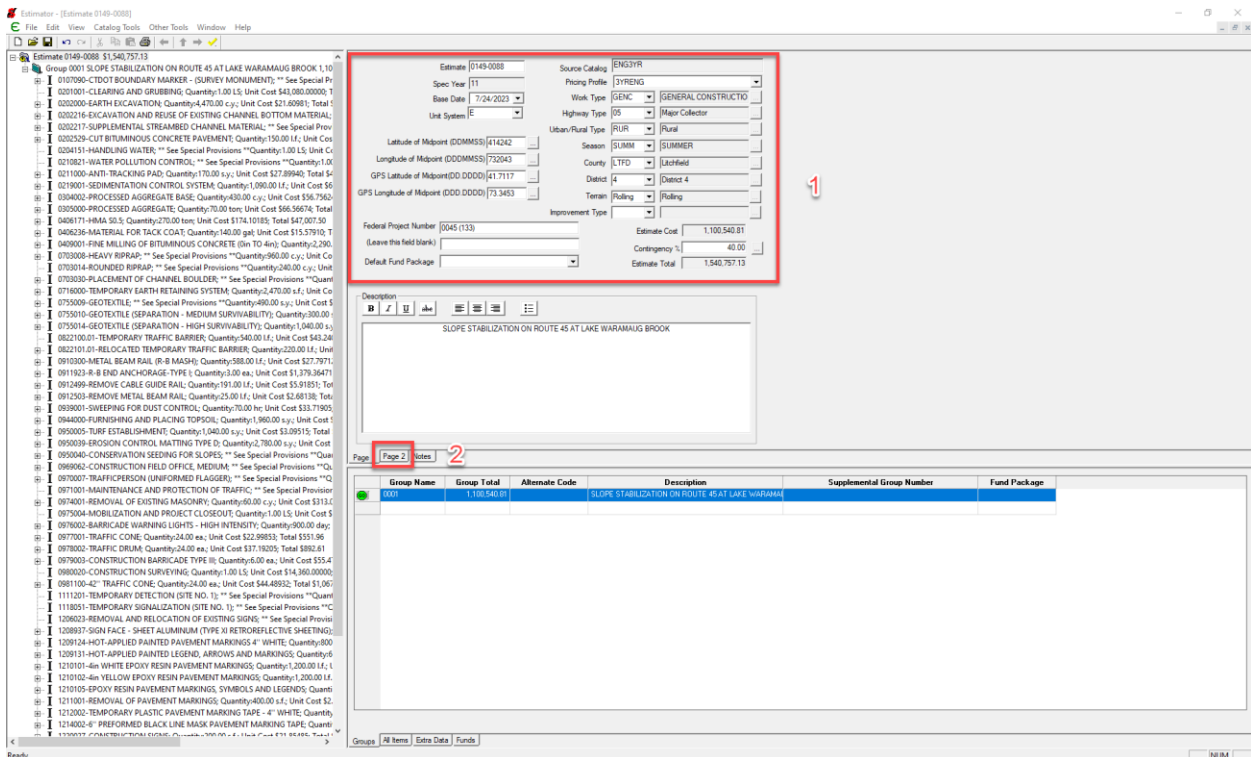


4. Select proper .est Estimator file to open (1)
5. Select "Open" (2)

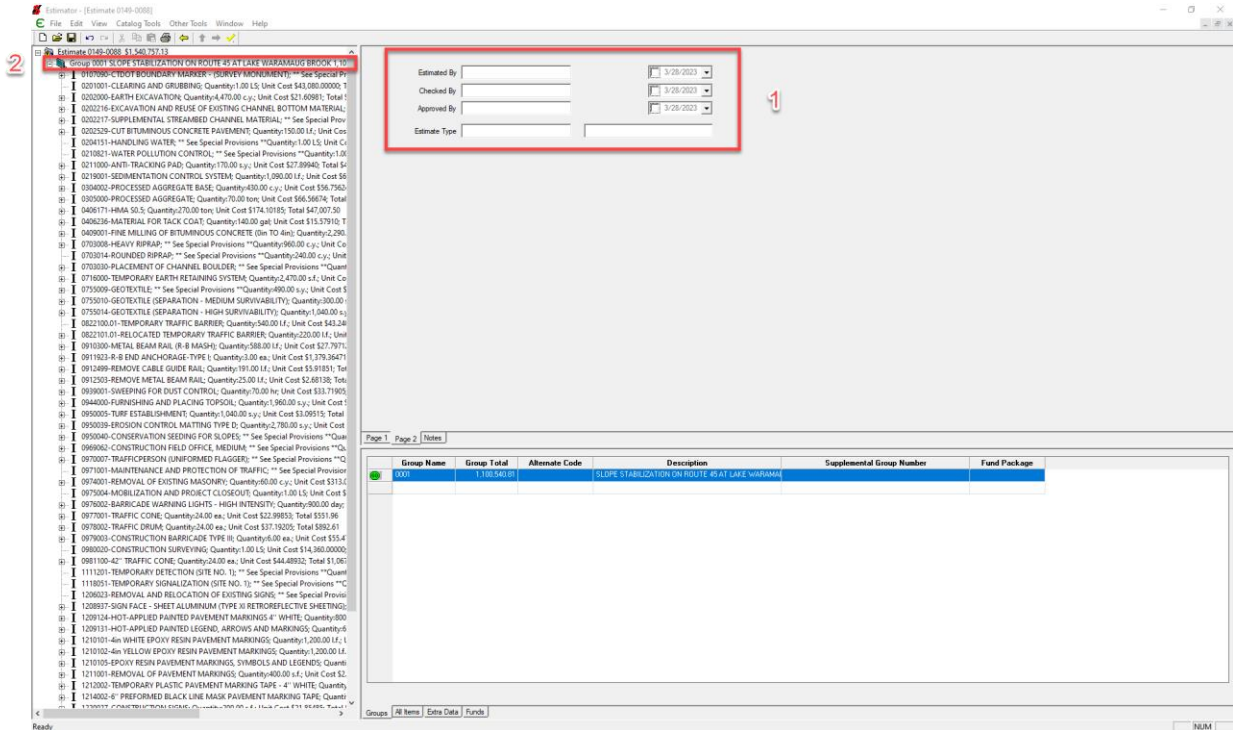


6. Ensure proper estimate data in entered the header (1)

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

File Edit View Catalog Tools Other Tools Window Help

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     |
|--------|-----------|-----------|------|--------------|------------|----------|--|------------------------------|
| 0011   | 021001    | 1.000     | LS   | 43,000.0000  | 43,000.00  |          | C/OT BOUNDARY MARKER (SURVEY MONUMENT)           | ** See Special Provisions ** |
| 0012   | 020200    | 4,470.000 | c.y. | 21.6981      | 96,956.95  |          | EARTH EXCAVATION                                 |                              |
| 0015   | 020216    | 50.000    | c.y. | 97.3422      | 4,867.12   |          | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM  | ** See Special Provisions ** |
| 0021   | 020217    | 1.000     | eat  | 1,000.0000   | 1,000.00   |          | SUPPLEMENTAL STREAMBED CHANNEL MATERIAL          | ** See Special Provisions ** |
| 0024   | 020259    | 150.000   | ft.  | 5.98140      | 897.21     |          | CUT BITUMINOUS CONCRETE PAVEMENT                 | ** See Special Provisions ** |
| 0026   | 020415    | 1.000     | LS   | 120,000.0000 | 120,000.00 |          | HANDLING WATER                                   | ** See Special Provisions ** |
| 0027   | 021821    | 1.000     | eat  | 10,000.0000  | 10,000.00  |          | WATER POLLUTION CONTROL                          | ** See Special Provisions ** |
| 0048   | 021100    | 170.000   | c.y. | 27.89840     | 4,742.90   |          | ANTI-TRACKING PAD                                |                              |
| 0070   | 021901    | 1,080.000 | l.f. | 6.31126      | 6,879.27   |          | SEDIMENTATION CONTROL SYSTEM                     |                              |
| 0072   | 030402    | 430.000   | c.y. | 56.79524     | 24,405.18  |          | PROCESSED AGGREGATE BASE                         |                              |
| 0075   | 030500    | 70.000    | ton  | 66.59674     | 4,659.67   |          | PROCESSED AGGREGATE                              |                              |
| 0085   | 040817    | 270.000   | ton  | 174.10195    | 47,007.90  |          | HMA 5.0 S  |                              |
| 0110   | 040626    | 140.000   | gal  | 15.57910     | 2,181.07   |          | MATERIAL FOR TACK COAT                           |                              |
| 0112   | 040901    | 2,250.000 | c.y. | 10.80165     | 24,735.70  |          | FINE MILLING OF BITUMINOUS CONCRETE (6in-TG 4in) |                              |
| 0115   | 070308    | 960.000   | c.y. | 128.0000     | 122,880.00 |          | HEAVY RIPRAP                                     | ** See Special Provisions ** |
| 0127   | 070314    | 240.000   | c.y. | 125.89000    | 30,213.60  |          | ROUNDED RIPRAP                                   | ** See Special Provisions ** |
| 0140   | 070300    | 70.000    | ea   | 372.20516    | 26,054.36  |          | TEMPORARY TRAFFIC BARRIER                        | ** See Special Provisions ** |
| 0142   | 071600    | 2,470.000 | l.f. | 26.61781     | 65,745.98  |          | RELOCATED TEMPORARY TRAFFIC BARRIER              | ** See Special Provisions ** |
| 0145   | 075009    | 490.000   | c.y. | 35.00000     | 17,150.00  |          | GEOTEXTILE                                       | ** See Special Provisions ** |
| 0195   | 075510    | 300.000   | c.y. | 4.45497      | 1,336.49   |          | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)   | ** See Special Provisions ** |
| 0196   | 075514    | 1,040.000 | c.y. | 2.93263      | 3,049.94   |          | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)     | ** See Special Provisions ** |
| 0170   | 082101.01 | 540.000   | l.f. | 43.24000     | 23,349.60  |          | TEMPORARY TRAFFIC BARRIER                        | ** See Special Provisions ** |
| 0175   | 082101.01 | 230.000   | l.f. | 6.57612      | 1,486.78   |          | RELOCATED TEMPORARY TRAFFIC BARRIER              | ** See Special Provisions ** |
| 0190   | 091600    | 568.000   | l.f. | 27.79712     | 15,644.71  |          | METAL BEAM RAIL (R-8 MASH)                       | ** See Special Provisions ** |
| 0200   | 091123    | 3.000     | ea   | 1,379.36471  | 4,138.09   |          | R/8 END ANCHORAGE-TYPE 1                         | ** See Special Provisions ** |
| 0201   | 091349    | 190.000   | l.f. | 5.41961      | 1,030.44   |          | REMOVE PAVEMENT FROM RAIL                        | ** See Special Provisions ** |

### 13. Select "Export Estimate File"

Estimate 0149-0088

File Edit View Catalog Tools Other Tools Window Help

Group 0001 Group Total 1,100,540.81

Supplemental Group Number

Default Fund Package [ ] From Estimate Default Fund Package

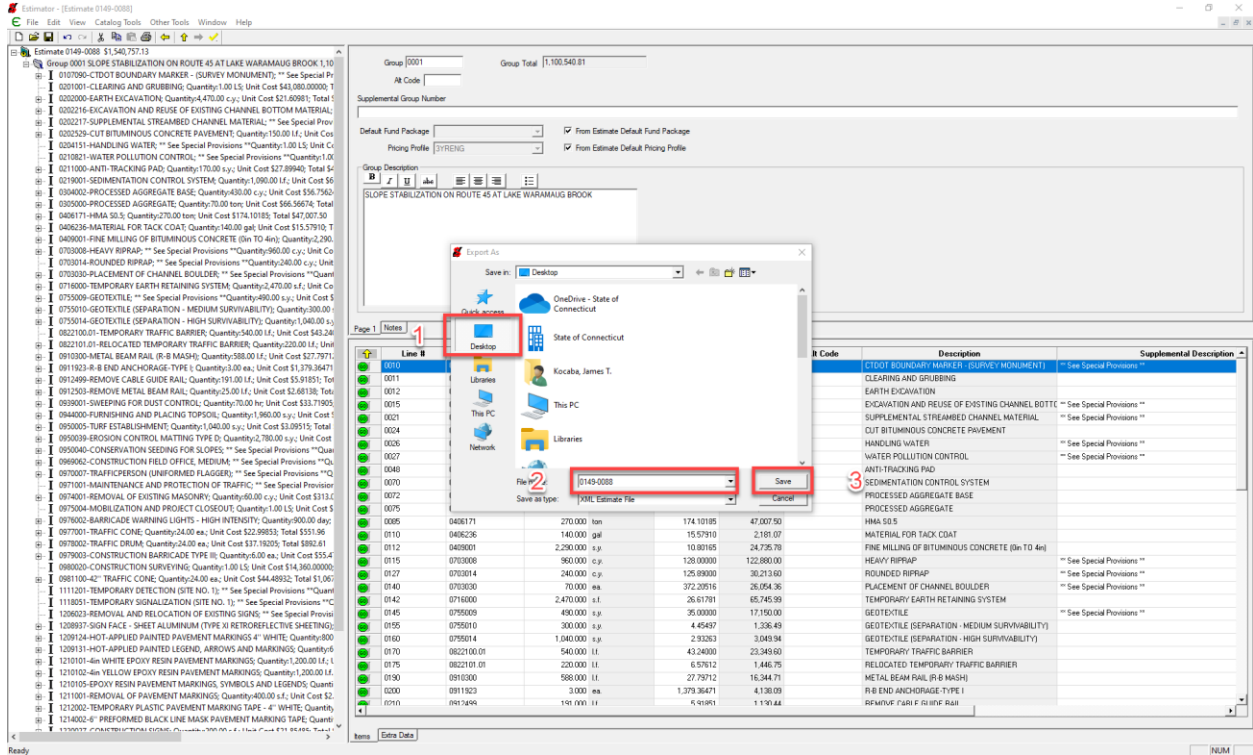
Pricing Profile [ ] From Estimate Default Pricing Profile

Group Description

SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK

| Line # | Item      | Quantity  | Unit | Unit Price   | Extension  | Alt Code | Description                                      | Supplemental Description     |
|--------|-----------|-----------|------|--------------|------------|----------|--|------------------------------|
| 0011   | 021001    | 1.000     | LS   | 43,000.0000  | 43,000.00  |          | C/OT BOUNDARY MARKER (SURVEY MONUMENT)           | ** See Special Provisions ** |
| 0012   | 020200    | 4,470.000 | c.y. | 21.6981      | 96,956.95  |          | EARTH EXCAVATION                                 |                              |
| 0015   | 020216    | 50.000    | c.y. | 97.3422      | 4,867.12   |          | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM  | ** See Special Provisions ** |
| 0021   | 020217    | 1.000     | eat  | 1,000.0000   | 1,000.00   |          | SUPPLEMENTAL STREAMBED CHANNEL MATERIAL          | ** See Special Provisions ** |
| 0024   | 020259    | 150.000   | ft.  | 5.98140      | 897.21     |          | CUT BITUMINOUS CONCRETE PAVEMENT                 | ** See Special Provisions ** |
| 0026   | 020415    | 1.000     | LS   | 120,000.0000 | 120,000.00 |          | HANDLING WATER                                   | ** See Special Provisions ** |
| 0027   | 021821    | 1.000     | eat  | 10,000.0000  | 10,000.00  |          | WATER POLLUTION CONTROL                          | ** See Special Provisions ** |
| 0048   | 021100    | 170.000   | c.y. | 27.89840     | 4,742.90   |          | ANTI-TRACKING PAD                                |                              |
| 0070   | 021901    | 1,080.000 | l.f. | 6.31126      | 6,879.27   |          | SEDIMENTATION CONTROL SYSTEM                     |                              |
| 0072   | 030402    | 430.000   | c.y. | 56.79524     | 24,405.18  |          | PROCESSED AGGREGATE BASE                         |                              |
| 0075   | 030500    | 70.000    | ton  | 66.59674     | 4,659.67   |          | PROCESSED AGGREGATE                              |                              |
| 0085   | 040817    | 270.000   | ton  | 174.10195    | 47,007.90  |          | HMA 5.0 S  |                              |
| 0110   | 040626    | 140.000   | gal  | 15.57910     | 2,181.07   |          | MATERIAL FOR TACK COAT                           |                              |
| 0112   | 040901    | 2,250.000 | c.y. | 10.80165     | 24,735.70  |          | FINE MILLING OF BITUMINOUS CONCRETE (6in-TG 4in) |                              |
| 0115   | 070308    | 960.000   | c.y. | 128.0000     | 122,880.00 |          | HEAVY RIPRAP                                     | ** See Special Provisions ** |
| 0127   | 070314    | 240.000   | c.y. | 125.89000    | 30,213.60  |          | ROUNDED RIPRAP                                   | ** See Special Provisions ** |
| 0140   | 070300    | 70.000    | ea   | 372.20516    | 26,054.36  |          | TEMPORARY TRAFFIC BARRIER                        | ** See Special Provisions ** |
| 0142   | 071600    | 2,470.000 | l.f. | 26.61781     | 65,745.98  |          | RELOCATED TEMPORARY TRAFFIC BARRIER              | ** See Special Provisions ** |
| 0145   | 075009    | 490.000   | c.y. | 35.00000     | 17,150.00  |          | GEOTEXTILE                                       | ** See Special Provisions ** |
| 0195   | 075510    | 300.000   | c.y. | 4.45497      | 1,336.49   |          | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)   | ** See Special Provisions ** |
| 0196   | 075514    | 1,040.000 | c.y. | 2.93263      | 3,049.94   |          | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)     | ** See Special Provisions ** |
| 0170   | 082101.01 | 540.000   | l.f. | 43.24000     | 23,349.60  |          | TEMPORARY TRAFFIC BARRIER                        | ** See Special Provisions ** |
| 0175   | 082101.01 | 230.000   | l.f. | 6.57612      | 1,486.78   |          | RELOCATED TEMPORARY TRAFFIC BARRIER              | ** See Special Provisions ** |
| 0190   | 091600    | 568.000   | l.f. | 27.79712     | 15,644.71  |          | METAL BEAM RAIL (R-8 MASH)                       | ** See Special Provisions ** |
| 0200   | 091123    | 3.000     | ea   | 1,379.36471  | 4,138.09   |          | R/8 END ANCHORAGE-TYPE 1                         | ** See Special Provisions ** |
| 0201   | 091349    | 190.000   | l.f. | 5.41961      | 1,030.44   |          | REMOVE PAVEMENT FROM RAIL                        | ** See Special Provisions ** |

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



## Import Estimator XML File into AASHTOWare Project

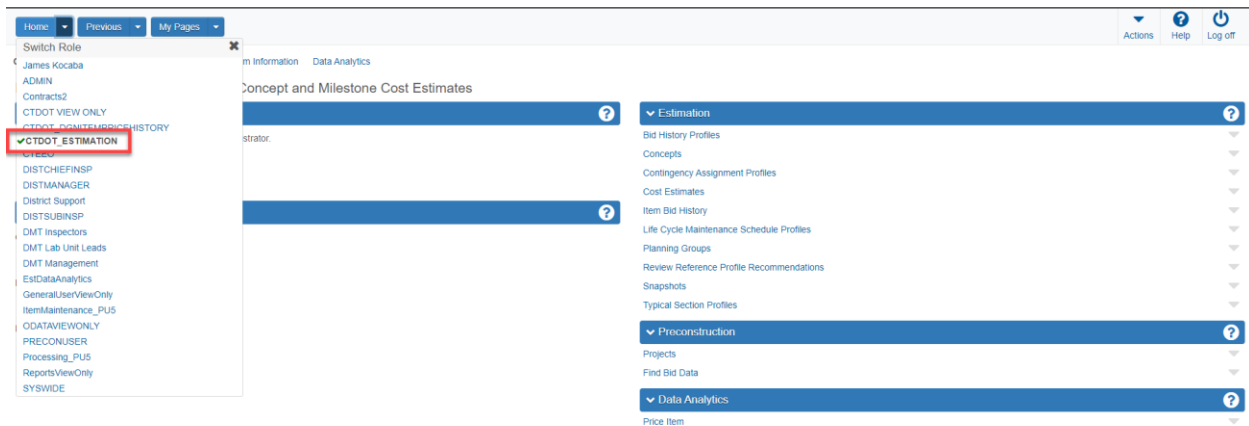
1. Ensure that the proper url is selected: <https://ctdot-pr-prod.infotechinc.com/Account/LogOn>
2. Enter User name and password



Version 4.4 Revision 034

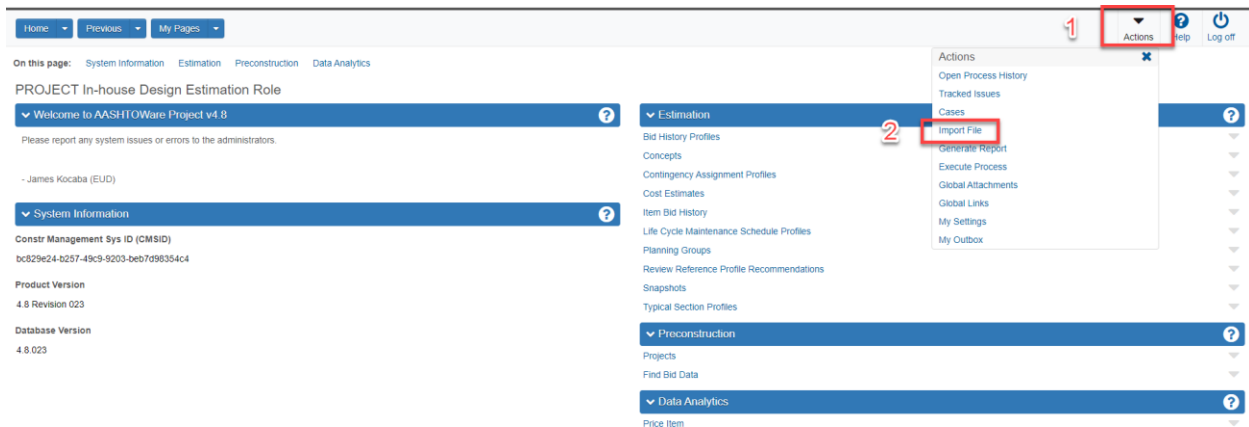
AASHTOWare Project™ and the AASHTOWare Project™ logo are registered trademarks of the American Association of State Highway and Transportation Officials. Copyright ©1997-2021 AASHTO.

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



### 4. Select Global Actions (1)

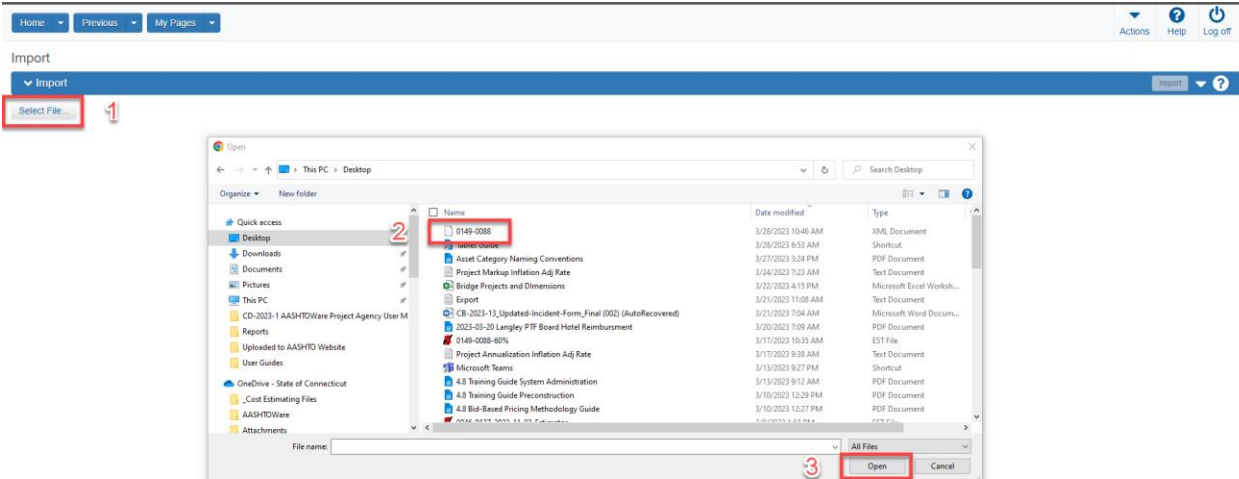
### 5. Select Import File (2)



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

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

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

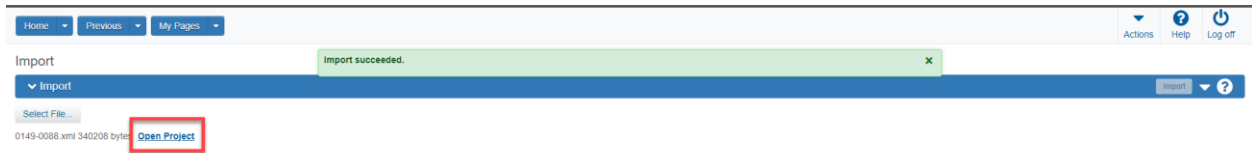


9. Maintain “Import Project” selection (1)
10. Maintain “Update existing items and ignore blanks” selection (2)



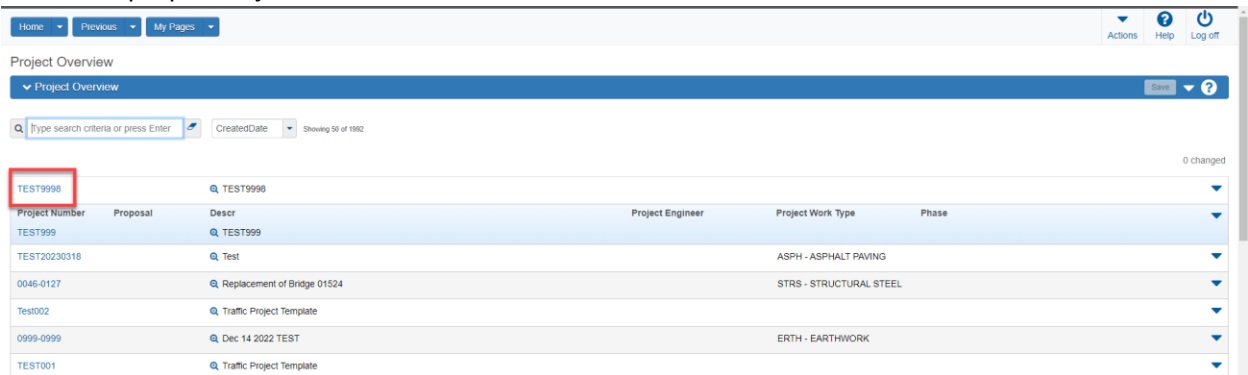
11. A successful import will produce the following message. If error messages are generated, modification to the estimator file must be completed and a revised import completed. The error messages may be related to incomplete page 1 or 2 header information, category description or inaccurate special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





## Update Project Summary Information

### 1. Select proper Project



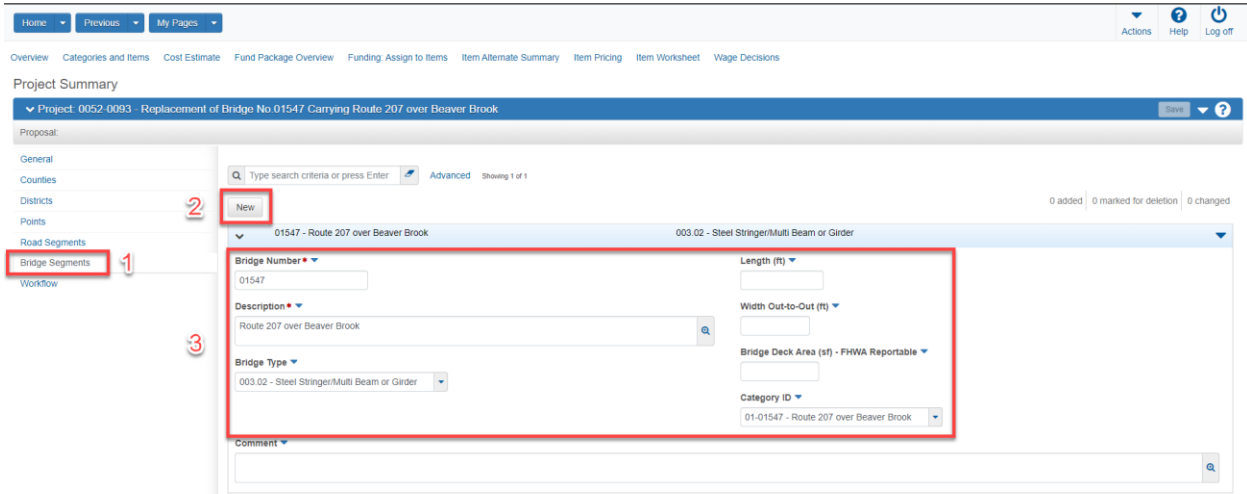
### 2. Select "General"

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.

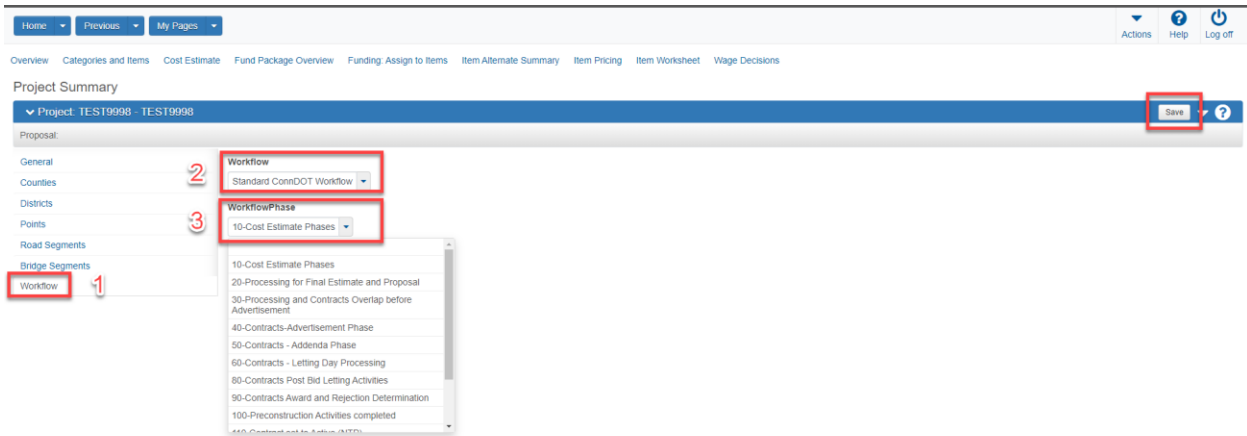
- Counties, Districts and Project midpoints have already been entered previously. However, it is good practice to ensure that each tab contains accurate project data. If the project contains more than one asset it is recommended that separate points be entered for each feature. See the curb ramp example below.

- Road Segments entries are currently not required
- 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.



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

Project Category/CTDOT and Item Summary

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

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

Project Category/CTDOT and Item Summary

There are unsaved changes.

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

Proposal:

General

Categories

Category Alternate Sets

Item Alternate Sets

Items

New

0 added | 0 marked for deletion | 1 changed

0001 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROO

Category ID  
0097

Federal Asset Work Type

Combine Like Categories

Section Group

Incidentals & Contingencies

Category Description  
Highways

Alternate Category Set ID

Alternate Category ID

Low Cost Flag  
No

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

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 There are unsaved changes.

Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK 4 Save ?

Proposal:

General

Categories  Advanced Showing 1 of 1

Category Alternate Sets 1 New 1 added 0 marked for deletion 0 changed

Item Alternate Sets

Items

0097 - Highways

2 Category ID 3 Category Description

0095

Federal Asset Work Type

Combine Like Categories

Section Group

Incidentals & Contingencies

Alternate Category Set ID

Alternate Category ID

Low Cost Flag

Cost Estimate: TmplAssetCtgy - Asset Category Template Save ?

Cost Summary 0 added 0 marked for deletion 0 changed

Cost Estimate Items

Non-Construction Costs

Markups

| Category             | 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                   |                |
| > 06PVMTRMK          | Pavement Markings location and description              |                |
| > 07HWYBLDGS         | 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                            |                |
| > 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                                      |                |

## Associate Asset Category IDs to Project Items

1. Navigate to the Item Worksheet screen

Home Previous My Pages

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

Project CategoryCTDOT and Item Summary

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

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

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

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        |
|--------|---------------|------------|--|-------|-----------|-------|---------|-------------------------|
| 0097   | 0010          | 0107090    | CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)                | ea.   | 3.000     |       |         | See Special Provisio... |
| 0097   | 0029          | 0201001    | CLEARING AND GRUBBING                                    | LS    | 1.000     |       |         |                         |
| 0097   | 0030          | 0202000    | EARTH EXCAVATION   | c.y.  | 4.470.000 |       |         |                         |
| 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                  | est.  | 1.000     |       |         | See Special Provisio... |
| 0097   | 0060          | 0202529    | CUT BITUMINOUS CONCRETE PAVEMENT                         | lf.   | 150.000   |       |         |                         |
| 0097   | 0070          | 0204151    | HANDLING WATER   | LS    | 1.000     |       |         | See Special Provisio... |
| 0097   | 0080          | 0210821    | WATER POLLUTION CONTROL                                  | est.  | 1.000     |       |         | See Special Provisio... |
| 0097   | 0090          | 0211000    | ANTI-TRACKING PAD  | s.y.  | 170.000   |       |         |                         |
| 0097   | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | lf.   | 1.090.000 |       |         |                         |
| 0097   | 0110          | 0304002    | PROCESSED AGGREGATE BASE                                 | c.y.  | 430.000   |       |         |                         |
| 0097   | 0120          | 0305000    | PROCESSED AGGREGATE                                      | ton   | 70.000    |       |         |                         |
| 0097   | 0130          | 0406171    | HMA 50.5   | ton   | 270.000   |       |         |                         |
| 0097   | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140.000   |       |         |                         |
| 0097   | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (8" TO 4")           | s.y.  | 2.290.000 |       |         |                         |
| 0097   | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960.000   |       |         | 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 |       |         |                         |
| 0097   | 0200          | 0755000    | GEOTEXTILE   | s.y.  | 400.000   |       |         | See Special Provisio... |
| 0097   | 0210          | 0755010    | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)           | s.y.  | 300.000   |       |         |                         |
| 0097   | 0220          | 0755014    | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)             | s.y.  | 1.040.000 |       |         |                         |
| 0097   | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf.   | 540.000   |       |         |                         |
| 0097   | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf.   | 220.000   |       |         |                         |
| 0097   | 0250          | 0910300    | METAL BEAM RAIL (R-8 MASH)                               | lf.   | 500.000   |       |         |                         |
| 0097   | 0260          | 0911823    | R-8 END ANCHORAGE-TYPE I                                 | ea.   | 3.000     |       |         |                         |
| 0097   | 0270          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | lf.   | 191.000   |       |         |                         |

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

0 added 0 marked for deletion 0 changed

| CDOT | High 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 Proviso... |
| 0097 | 0020          | 0201001    | CLEARING AND GRUBBING                                    | LS    | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202000    | EARTH EXCAVATION   | c.y.  | 4,470.000 |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202216    | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL | c.y.  | 50.000    |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202217    | SUPPLEMENTAL STREAMBED CHANNEL MATERIAL                  | est.  | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0000          | 0202529    | CUT BITUMINOUS CONCRETE PAVEMENT                         | lf.   | 150.000   |       |         | ** See Special Proviso... |
| 0097 | 0070          | 0204151    | HANDLING WATER   | LS    | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0080          | 0210821    | WATER POLLUTION CONTROL                                  | est.  | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0090          | 0211000    | ANTI-TRACKING PAD  | s.y.  | 170.000   |       |         | ** See Special Proviso... |
| 0097 | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | lf.   | 1,090.000 |       |         | ** See Special Proviso... |
| 0097 | 0110          | 0304002    | PROCESSED AGGREGATE BASE                                 | c.y.  | 430.000   |       |         | ** See Special Proviso... |
| 0097 | 0120          | 0305000    | PROCESSED AGGREGATE                                      | ton   | 70.000    |       |         | ** See Special Proviso... |
| 0097 | 0130          | 0406171    | HMA 50.5   | ton   | 270.000   |       |         | ** See Special Proviso... |
| 0097 | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140.000   |       |         | ** See Special Proviso... |
| 0097 | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")           | s.y.  | 2,290.000 |       |         | ** See Special Proviso... |
| 0097 | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960.000   |       |         | ** See Special Proviso... |
| 0097 | 0170          | 0703014    | ROUNDED RIPRAP   | c.y.  | 240.000   |       |         | ** See Special Proviso... |
| 0097 | 0180          | 0703030    | PLACEMENT OF CHANNEL BOULDER                             | ea.   | 70.000    |       |         | ** See Special Proviso... |
| 0097 | 0190          | 0716000    | TEMPORARY EARTH RETAINING SYSTEM                         | s.f.  | 2,470.000 |       |         | ** See Special Proviso... |
| 0097 | 0200          | 0755009    | GEOTEXTILE   | s.y.  | 490.000   |       |         | ** See Special Proviso... |
| 0097 | 0210          | 0755010    | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)           | s.y.  | 300.000   |       |         | ** See Special Proviso... |
| 0097 | 0220          | 0755014    | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)             | s.y.  | 1,040.000 |       |         | ** See Special Proviso... |
| 0097 | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf.   | 540.000   |       |         | ** See Special Proviso... |
| 0097 | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf.   | 220.000   |       |         | ** See Special Proviso... |
| 0097 | 0250          | 0910300    | METAL BEAM RAIL (R.8 MASH)                               | lf.   | 588.000   |       |         | ** See Special Proviso... |
| 0097 | 0260          | 0911923    | R.8 END ANCHORAGE-TYPE I                                 | ea.   | 3.000     |       |         | ** See Special Proviso... |
| 0097 | 0270          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | lf.   | 191.000   |       |         | ** See Special Proviso... |

#### 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. 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

0 added 0 marked for deletion 1 changed

| CDOT | High 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 Proviso... |
| 0097 | 0020          | 0201001    | CLEARING AND GRUBBING                                    | LS    | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202000    | EARTH EXCAVATION   | c.y.  | 4,470.000 |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202216    | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL | c.y.  | 50.000    |       |         | ** See Special Proviso... |
| 0097 | 0020          | 0202217    | SUPPLEMENTAL STREAMBED CHANNEL MATERIAL                  | est.  | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0000          | 0202529    | CUT BITUMINOUS CONCRETE PAVEMENT                         | lf.   | 150.000   |       |         | ** See Special Proviso... |
| 0097 | 0070          | 0204151    | HANDLING WATER   | LS    | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0080          | 0210821    | WATER POLLUTION CONTROL                                  | est.  | 1.000     |       |         | ** See Special Proviso... |
| 0097 | 0090          | 0211000    | ANTI-TRACKING PAD  | s.y.  | 170.000   |       |         | ** See Special Proviso... |
| 0097 | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | lf.   | 1,090.000 |       |         | ** See Special Proviso... |
| 0097 | 0110          | 0304002    | PROCESSED AGGREGATE BASE                                 | c.y.  | 430.000   |       |         | ** See Special Proviso... |
| 0097 | 0120          | 0305000    | PROCESSED AGGREGATE                                      | ton   | 70.000    |       |         | ** See Special Proviso... |
| 0097 | 0130          | 0406171    | HMA 50.5   | ton   | 270.000   |       |         | ** See Special Proviso... |
| 0097 | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140.000   |       |         | ** See Special Proviso... |
| 0097 | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")           | s.y.  | 2,290.000 |       |         | ** See Special Proviso... |
| 0097 | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960.000   |       |         | ** See Special Proviso... |
| 0097 | 0170          | 0703014    | ROUNDED RIPRAP   | c.y.  | 240.000   |       |         | ** See Special Proviso... |
| 0097 | 0180          | 0703030    | PLACEMENT OF CHANNEL BOULDER                             | ea.   | 70.000    |       |         | ** See Special Proviso... |
| 0097 | 0190          | 0716000    | TEMPORARY EARTH RETAINING SYSTEM                         | s.f.  | 2,470.000 |       |         | ** See Special Proviso... |
| 0097 | 0200          | 0755009    | GEOTEXTILE   | s.y.  | 490.000   |       |         | ** See Special Proviso... |
| 0097 | 0210          | 0755010    | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)           | s.y.  | 300.000   |       |         | ** See Special Proviso... |
| 0097 | 0220          | 0755014    | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)             | s.y.  | 1,040.000 |       |         | ** See Special Proviso... |
| 0097 | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf.   | 540.000   |       |         | ** See Special Proviso... |
| 0097 | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf.   | 220.000   |       |         | ** See Special Proviso... |
| 0097 | 0250          | 0910300    | METAL BEAM RAIL (R.8 MASH)                               | lf.   | 588.000   |       |         | ** See Special Proviso... |
| 0097 | 0260          | 0911923    | R.8 END ANCHORAGE-TYPE I                                 | ea.   | 3.000     |       |         | ** See Special Proviso... |
| 0097 | 0270          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | lf.   | 191.000   |       |         | ** See Special Proviso... |

#### 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

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

| 0097   | 0010          | 0107090    | CTDOT BOUNDARY MARKER - (SURVEY MONUMENT)                | ea    | 3.000     |       |         |                  | 0 added | 0 marked for deletion | 1 changed               |  |
|--|---------------|------------|--|-------|-----------|-------|---------|------------------|---------|-----------------------|-------------------------|--|
| 0097   | 0020          | 0201001    | CLEARING AND GRUBBING                                    | LS    | 1.000     |       |         |                  |         |                       |                         |  |
| Cat ID   | Proj Line Num | Item       | Descr  | Units | Quantity  | Price | Ext Amt | Special Prov Ind |         |                       |                         |  |
| Sort & Range Fill                              |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| Ascending 0 Rows Down Out                      |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| Descending                                     |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| <input type="checkbox"/> All 65 Displayed Rows |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| <input type="checkbox"/> All 65 Rows           |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| Fill   |               |            |  |       |           |       |         |                  |         |                       |                         |  |
| 0097   | 0120          | 0305000    | EARTH EXCAVATION   | c.y   | 4,470.000 |       |         |                  |         |                       |                         |  |
| 0097   | 0130          | 0406171    | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL | c.y   | 50.000    |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0140          | 0406236    | SUPPLEMENTAL STREAMBED CHANNEL MATERIAL                  | est   | 1.000     |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0150          | 0409001    | CUT BITUMINOUS CONCRETE PAVEMENT                         | lf    | 150.000   |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0160          | 0703000    | HANDLING WATER   | LS    | 1.000     |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0170          | 0703014    | WATER POLLUTION CONTROL                                  | est   | 1.000     |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0180          | 0703030    | ANTI-TRACKING PAD  | s.y   | 170.000   |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0190          | 0716000    | SEDIMENTATION CONTROL SYSTEM                             | lf    | 1,000.000 |       |         |                  |         |                       |                         |  |
| 0097   | 0200          | 0755009    | PROCESSED AGGREGATE BASE                                 | c.y   | 430.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0210          | 0755010    | PROCESSED AGGREGATE                                      | ton   | 70.000    |       |         |                  |         |                       |                         |  |
| 0097   | 0220          | 0755014    | HMA 5.5  | ton   | 270.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0230          | 0822100.01 | MATERIAL FOR TACK COAT                                   | gal   | 140.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0240          | 0822101.01 | FINO MILLING OF BITUMINOUS CONCRETE (3" TO 4")           | s.y   | 2,200.000 |       |         |                  |         |                       |                         |  |
| 0097   | 0250          | 0910300    | HEAVY RIPRAP   | c.y   | 960.000   |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0260          | 0911923    | ROUNDED RIPRAP   | c.y   | 240.000   |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0270          | 0912499    | PLACEMENT OF CHANNEL BOULDER                             | ea    | 70.000    |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0280          | 0912499    | TEMPORARY EARTH RETAINING SYSTEM                         | s.f   | 2,470.000 |       |         |                  |         |                       |                         |  |
| 0097   | 0290          | 0912499    | GEOTEXTILE   | s.y   | 400.000   |       |         |                  |         |                       | See Special Provisio... |  |
| 0097   | 0300          | 0912499    | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)           | s.y   | 300.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0310          | 0912499    | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)             | s.y   | 1,040.000 |       |         |                  |         |                       |                         |  |
| 0097   | 0320          | 0912499    | TEMPORARY TRAFFIC BARRIER                                | lf    | 540.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0330          | 0912499    | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf    | 220.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0340          | 0912499    | METAL BEAM RAIL (R & MASH)                               | lf    | 500.000   |       |         |                  |         |                       |                         |  |
| 0097   | 0350          | 0912499    | R-B END ANCHORAGE-TYPE I                                 | ea    | 3.000     |       |         |                  |         |                       |                         |  |
| 0097   | 0360          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | lf    | 191.000   |       |         |                  |         |                       |                         |  |

## 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)

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 2

Project: 0056-0321 - Drainage Replacement on U.S. Route 1 Save

Proposal:

General Countries Districts Points Road Segments Bridge Segments Workflow

1

Project Number: 0056-0321

Project Description: Drainage Replacement on U.S. Route 1

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

Town 2:

Town 3:

Town 4:

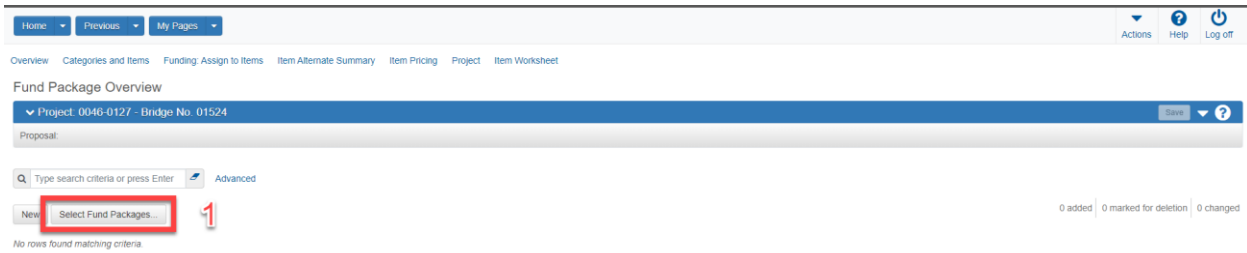
Town 5:

Town 6:

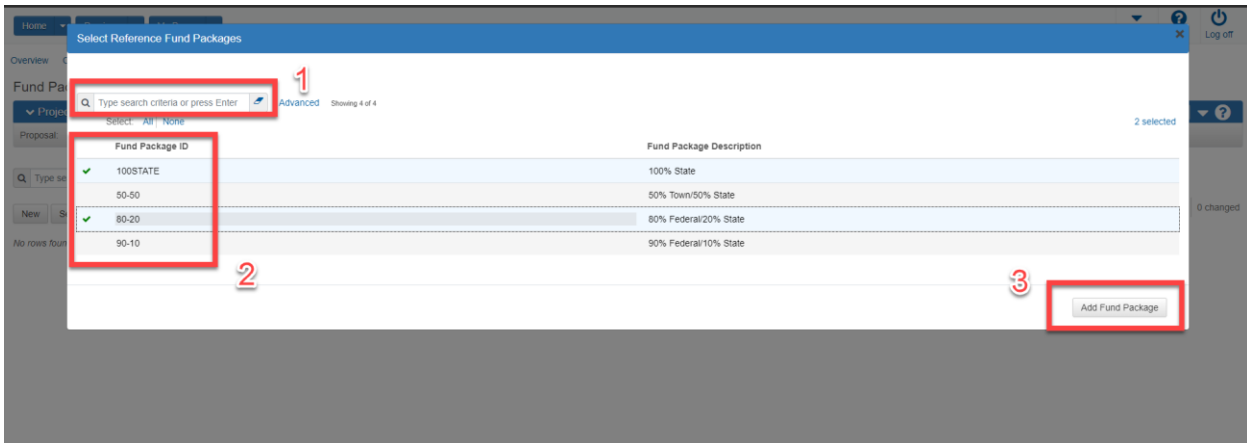
Controlling Project:



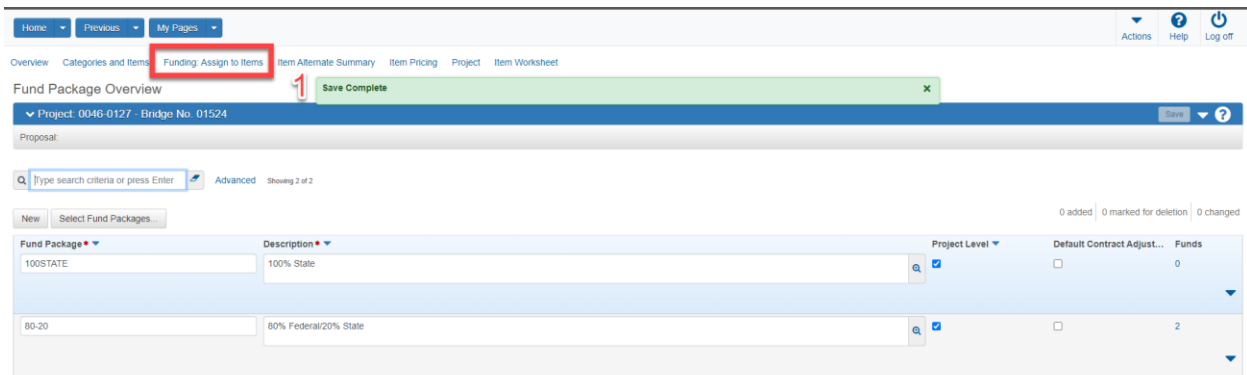
3. Click on “Select Fund Packages” button (1)



- 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)

The screenshot shows the 'Project Funding Assignment' interface. At the top, there are navigation tabs: Home, Previous, and My Pages. On the right, there are links for Actions, Help, and Log off. Below the navigation, the breadcrumb trail includes Overview, Categories and Items, Fund Package Overview, Item Alternate Summary, Item Pricing, Project, and Item Worksheet. The main header displays 'Project: 0046-0127 - Bridge No. 01524' and a 'Save' button, which is highlighted with a red box and a '2' annotation. Below the header, there is a table of project items. The first row is highlighted with a red box and a '1' annotation. The table has columns for 'Fund Package', 'Description', and 'Funds'. The first row is '(A) 100STATE' with '100% State' and '0'. The second row is '(B) 80-20' with '80% Federal/20% State' and '2'. There are also radio buttons for 'Mixed', 'None', 'A', and 'B' for each row.

## Clear Project Prices before Cost Estimate Creation

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

The screenshot shows the 'Project Summary' page for 'Project: 0149-0088 - SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK'. The 'Item Worksheet' tab is highlighted with a red box. The page is divided into several sections: General, Project Number (0149-0088), Project Description (SLOPE STABILIZATION ON ROUTE 45 AT LAKE WARAMAUG BROOK), Spec Book (Item List 11 = Engl, 10 = Metric), 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), and Town 1 through Town 6 dropdown menus. There is also a 'Controlling Project' checkbox.

### 2. Select the price in the first row.

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      | 733.44        | 2,200.32   | 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   | 5.98140       | 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.   | 1,090.000 | 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      | 4,659.87   |                         |
| 0001   | 0130          | 0406171    | HMA 5.5  | ton   | 270.000   | 174.10185     | 47,007.50  |                         |
| 0001   | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140.000   | 15.57919      | 2,181.07   |                         |
| 0001   | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (3" TO 4")           | s.y.  | 2,290.000 | 10.80165      | 24,735.78  |                         |
| 0001   | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960.000   | 128.00000     | 122,880.00 | 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.f.  | 2,470.000 | 26.61781      | 65,745.99  |                         |
| 0001   | 0200          | 0755009    | GEOTEXTILE   | s.y.  | 490.000   | 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 | 2.93263       | 3,049.94   |                         |
| 0001   | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf.   | 540.000   | 43.24000      | 23,349.00  |                         |
| 0001   | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf.   | 220.000   | 6.57612       | 1,446.75   |                         |
| 0001   | 0250          | 0910300    | METAL BEAM RAIL (R-8 MASH)                               | lf.   | 508.000   | 27.79712      | 16,344.71  |                         |
| 0001   | 0260          | 0911923    | R-8 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   |                         |

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

Project Item Worksheet

There are unsaved changes.

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

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.   | 3.00      |               | 2,200.32   | 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   | 5.98140       | 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.   | 1,090.000 | 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      | 4,659.87   |                         |
| 0001   | 0130          | 0406171    | HMA 5.5  | ton   | 270.000   | 174.10185     | 47,007.50  |                         |
| 0001   | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140.000   | 15.57919      | 2,181.07   |                         |
| 0001   | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (3" TO 4")           | s.y.  | 2,290.000 | 10.80165      | 24,735.78  |                         |
| 0001   | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960.000   | 128.00000     | 122,880.00 | 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.f.  | 2,470.000 | 26.61781      | 65,745.99  |                         |
| 0001   | 0200          | 0755009    | GEOTEXTILE   | s.y.  | 490.000   | 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 | 2.93263       | 3,049.94   |                         |
| 0001   | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf.   | 540.000   | 43.24000      | 23,349.00  |                         |
| 0001   | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf.   | 220.000   | 6.57612       | 1,446.75   |                         |
| 0001   | 0250          | 0910300    | METAL BEAM RAIL (R-8 MASH)                               | lf.   | 508.000   | 27.79712      | 16,344.71  |                         |
| 0001   | 0260          | 0911923    | R-8 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

Project Item Total: 1,097,724.61

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  | See Special Provisio... |
| 0001   | 0030          | 0202000    | EARTH EXCAVATION   | c.y   | 4,470,000 |       | 96,595.85  | See Special Provisio... |
| 0001   | 0040          | 0202216    | EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL | c.y   | 50,000    |       | 4,687.12   | 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   |       | 897.21     | See Special Provisio... |
| 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    | JANTH TRACKING PAD                                       | s.y.  | 170,000   |       | 4,742.90   | See Special Provisio... |
| 0001   | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | lf    | 1,000,000 |       | 6,879.27   | See Special Provisio... |
| 0001   | 0110          | 0304002    | PROCESSED AGGREGATE BASE                                 | c.y.  | 430,000   |       | 24,405.18  | See Special Provisio... |
| 0001   | 0120          | 0305000    | PROCESSED AGGREGATE                                      | ton   | 70,000    |       | 4,659.87   | See Special Provisio... |
| 0001   | 0130          | 0406171    | HMA 50.5   | ton   | 270,000   |       | 47,607.50  | See Special Provisio... |
| 0001   | 0140          | 0406236    | MATERIAL FOR TACK COAT                                   | gal   | 140,000   |       | 2,181.87   | See Special Provisio... |
| 0001   | 0150          | 0409001    | FINE MILLING OF BITUMINOUS CONCRETE (8" TO 4")           | s.y.  | 2,290,000 |       | 24,735.78  | See Special Provisio... |
| 0001   | 0160          | 0703000    | HEAVY RIPRAP   | c.y.  | 960,000   |       | 122,000.00 | See Special Provisio... |
| 0001   | 0170          | 0703014    | ROUNDED RIPRAP   | c.y.  | 240,000   |       | 30,213.60  | See Special Provisio... |
| 0001   | 0180          | 0703030    | PLACEMENT OF CHANNEL BOULDER                             | ea    | 70,000    |       | 26,054.36  | See Special Provisio... |
| 0001   | 0190          | 0716000    | TEMPORARY EARTH RETAINING SYSTEM                         | s.f.  | 2,470,000 |       | 65,745.99  | See Special Provisio... |
| 0001   | 0200          | 0755000    | GEOTEXTILE   | s.y.  | 400,000   |       | 17,150.00  | See Special Provisio... |
| 0001   | 0210          | 0755010    | GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)           | s.y.  | 300,000   |       | 1,326.49   | See Special Provisio... |
| 0001   | 0220          | 0755014    | GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)             | s.y.  | 1,040,000 |       | 3,049.94   | See Special Provisio... |
| 0001   | 0230          | 0822100.01 | TEMPORARY TRAFFIC BARRIER                                | lf    | 540,000   |       | 23,349.00  | See Special Provisio... |
| 0001   | 0240          | 0822101.01 | RELOCATED TEMPORARY TRAFFIC BARRIER                      | lf    | 220,000   |       | 1,446.75   | See Special Provisio... |
| 0001   | 0250          | 0910300    | METAL BEAM RAIL (R & MASH)                               | lf    | 568,000   |       | 18,344.71  | See Special Provisio... |
| 0001   | 0260          | 0911923    | R & B END ANCHORAGE-TYPE I                               | ea    | 3,000     |       | 4,138.99   | See Special Provisio... |
| 0001   | 0270          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | lf    | 191,000   |       | 1,130.44   | See Special Provisio... |

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.

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

Project Item Total

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     |       |         | See Special Provisio... |
| 0001   | 0030          | 0202000    | EARTH EXCAVATION   | c.y   | 4,470,000 |       |         | See Special Provisio... |
| 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    | JANTH TRACKING PAD                                       | s.y.  | 170,000   |       |         | See Special Provisio... |
| 0001   | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | lf    | 1,000,000 |       |         | 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 50.5   | 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 (8" 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          | 0755000    | GEOTEXTILE   | s.y.  | 400,000   |       |         | 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 & MASH)                               | lf    | 568,000   |       |         | 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 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 0 added 0 marked for deletion 0 changed

| Cat ID | Proj Line Num | Item       | Descr  | Units | Quantity  | Price | Ext Amt | Special Prov Ind        |
|--------|---------------|------------|--|-------|-----------|-------|---------|-------------------------|
| 0001   | 0010          | 0107090    | CDOT BOUNDARY MARKER - (SURVEY MONUMENT)                 | EA    | 3,000     |       |         | See Special Provisio... |
| 0001   | 0020          | 0201001    | CLEARING AND GRUBBING                                    | LS    | 1,000     |       |         | See Special Provisio... |
| 0001   | 0030          | 0202000    | EARTH EXCAVATION   | C.Y.  | 4,470,000 |       |         | See Special Provisio... |
| 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                  | MSF   | 1,000     |       |         | See Special Provisio... |
| 0001   | 0060          | 0202529    | CUT BITUMINOUS CONCRETE PAVEMENT                         | LF    | 150,000   |       |         | See Special Provisio... |
| 0001   | 0070          | 0204153    | HANDLING WATER   | LS    | 1,000     |       |         | See Special Provisio... |
| 0001   | 0080          | 0210021    | WATER POLLUTION CONTROL                                  | MSF   | 1,000     |       |         | See Special Provisio... |
| 0001   | 0090          | 0211000    | ANTI-TRACKING RAD  | S.Y.  | 170,000   |       |         | See Special Provisio... |
| 0001   | 0100          | 0219001    | SEDIMENTATION CONTROL SYSTEM                             | LF    | 1,000,000 |       |         | 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          | 0400171    | HMA 50.5   | TON   | 270,000   |       |         | See Special Provisio... |
| 0001   | 0140          | 0400236    | MATERIAL FOR TACK COAT                                   | GMF   | 140,000   |       |         | See Special Provisio... |
| 0001   | 0150          | 0400601    | FINE MILLING OF BITUMINOUS CONCRETE (8" TO 4")           | S.Y.  | 2,290,000 |       |         | See Special Provisio... |
| 0001   | 0160          | 0703000    | HEAVY RIPRAP   | C.Y.  | 900,000   |       |         | 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          | 0755000    | GEOTEXTILE   | S.Y.  | 400,000   |       |         | 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-8 MASH)                               | LF    | 500,000   |       |         | See Special Provisio... |
| 0001   | 0260          | 0911923    | R-8 END ANCHORAGE-TYPE I                                 | EA    | 3,000     |       |         | See Special Provisio... |
| 0001   | 0270          | 0912499    | REMOVE CABLE GUIDE RAIL                                  | LF    | 191,000   |       |         | See Special Provisio... |

## 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
  - 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

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 - Norwich

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"

Project Cost Estimate Summary

Project: 0063-0038 - ADA Curb Ramps in Hartford and Windsor

Proposal:

General

Cost Estimates

Project Number: 0063-0038

Project Description: ADA Curb Ramps in Hartford and Windsor

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

Unit System: English

Primary Project County: HTFD - Hartford

Primary Project District ID: 1 - 1 - Rocky Hill

Urban/Rural: Urban/Rural

Project Work Type: GENC - GENERAL CONSTRUCTION

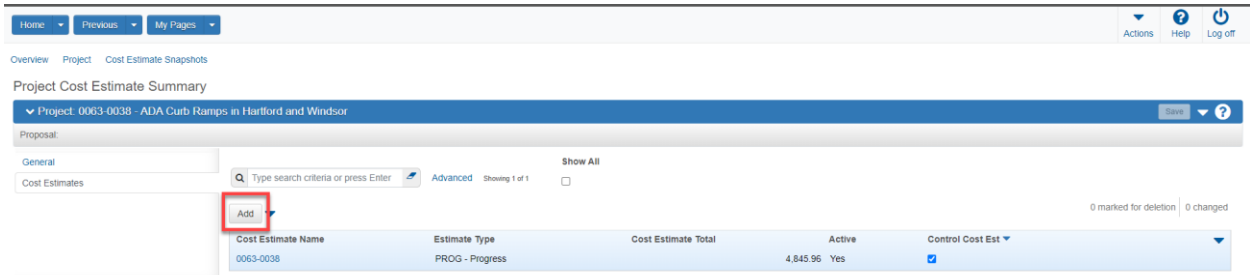
Highway Type: 05 - Urban Minor Arterial

Improvement Type:

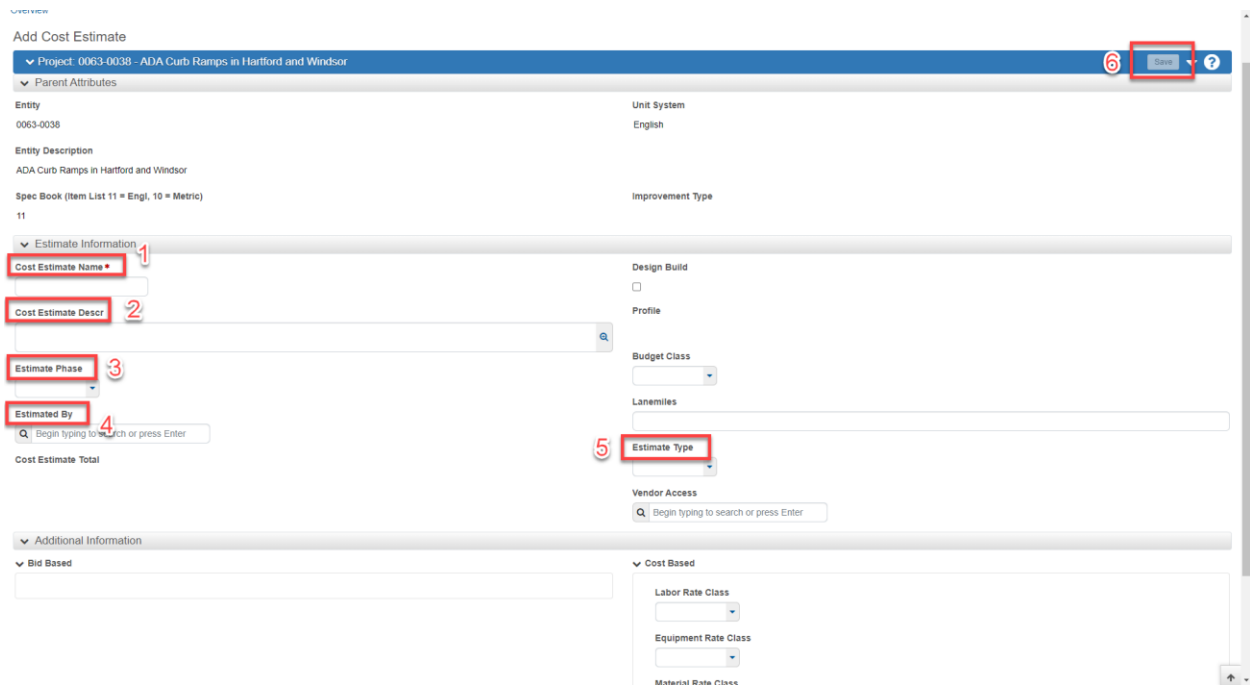
Season: 03 - Summer

Terrain: Level - Level

#### 5. Select "Add" (2)



6. Enter Cost Estimate name. The name should match the project name. (1)
7. Enter the cost estimate description (2)
8. Select cost estimate phase (3)
9. Search and enter the name of person who created the cost estimate (4)
10. Select the estimate type. (5)
11. Click save (6)

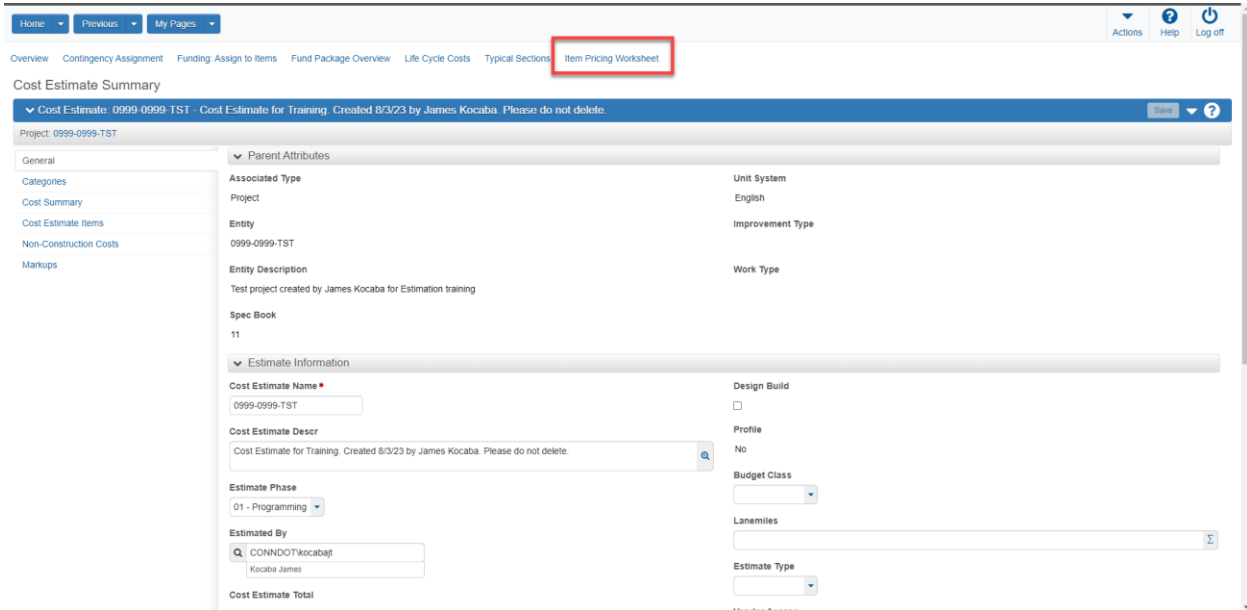


## Calculate Bid Based Unit Prices for All Items

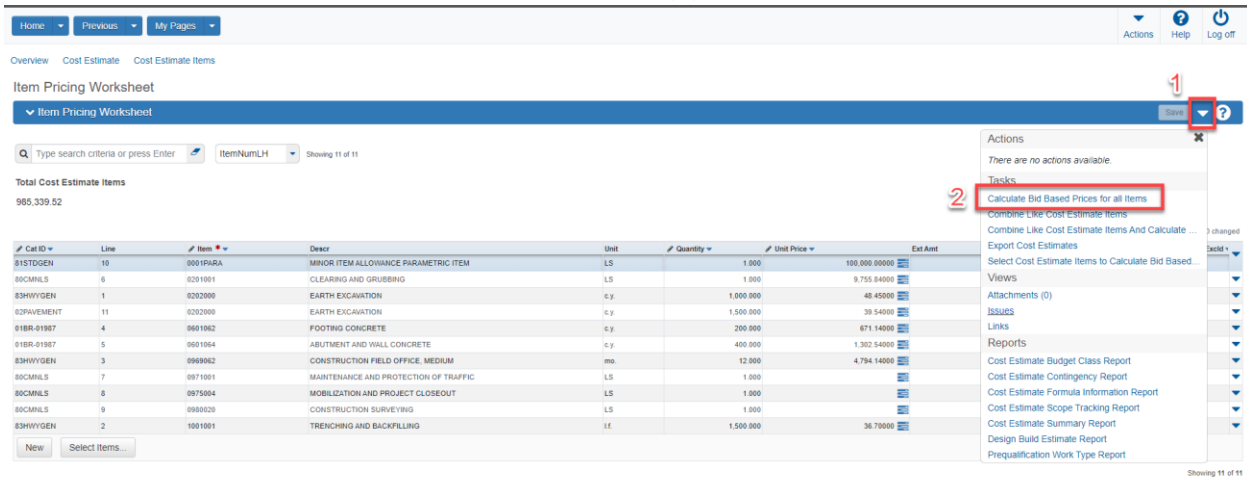
There are several methods to price items in Estimation. Items can be priced individually, or the entire estimate can be priced all at once. It is recommended that all item prices be updated every six months or at every milestone cost estimate. After an entire cost estimate price refresh, it is also recommended 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 topic for more details. AASHTOWare Project Estimation calculates all item pricing based upon current bid history values. When

a letting is more than a year from when the estimate is prepared, an inflation adjustment should be included. Please see the Inflation topic for more details.

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



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)



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.



Home Previous My Pages Actions Help Log off

Overview Cost Estimate Cost Estimate Items

Item Pricing Worksheet Calculate Bid-Based Prices Process started at 10/06/2023 14:45:35.

Item Pricing Worksheet Save ?

Type search criteria or press Enter ItemNumLH Showing 11 of 11

Total Cost Estimate Items  
985,339.52

| CatID      | Line | Item     | Descr                                 | Unit | Quantity  | Unit Price    | Ext Amt    | Supp Descr | Ad Hoc    | Crnt | Excl |
|------------|------|----------|---------------------------------------|------|-----------|---------------|------------|------------|-----------|------|------|
| 81STDGEN   | 10   | 0001PABA | MINOR ITEM ALLOWANCE PARAMETRIC ITEM  | LS   | 1.000     | 100,000.00000 | 100,000.00 |            | Yes       | Yes  | No   |
| 80CMNLS    | 6    | 0201001  | CLEARING AND GRUBBING                 | LS   | 1.000     | 9,755.84000   | 9,755.84   |            | Reference | Yes  | Yes  |
| 83HYGEN    | 1    | 0202000  | EARTH EXCAVATION                      | c.y. | 1,000.000 | 48,450.000    | 48,450.00  |            | Reges...  | Yes  | No   |
| 02PAVEMENT | 11   | 0202000  | EARTH EXCAVATION                      | c.y. | 1,500.000 | 39,540.000    | 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   |
| 83HYGEN    | 3    | 0999062  | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12.000    | 4,794.14000   | 57,529.68  |            | Reges...  | Yes  | No   |
| 80CMNLS    | 7    | 0971001  | MAINTENANCE AND PROTECTION OF TRAFFIC | LS   | 1.000     |               |            |            | Yes       | Yes  | No   |
| 80CMNLS    | 8    | 0975004  | MOBILIZATION AND PROJECT CLOSEOUT     | LS   | 1.000     |               |            |            | Yes       | Yes  | Yes  |
| 80CMNLS    | 9    | 0980020  | CONSTRUCTION SURVEYING                | LS   | 1.000     |               |            |            | Yes       | Yes  | Yes  |
| 83HYGEN    | 2    | 1001001  | TRENCHING AND BACKFILLING             | lf   | 1,500.000 | 36,700.000    | 55,050.00  |            | Reges...  | Yes  | No   |

New Select Items... Showing 11 of 11

## 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 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

Unit System  
English

Entity  
0999-0999-TST

Improvement Type

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

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

Profile  
No

Estimate Phase  
01 - Programming

Budget Class

Estimated By  
CONNDOT\kocabaaj  
Kocaba James

Lanemiles

Cost Estimate Total

Estimate Type

Vendor Access

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 Actions Help Log off

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 |
|------------|------|----------|---------------------------------------|------|-----------|---------------|------------|-----------|-------|--------|------|
| 11STDGEN   | 10   | 0001PARA | MINOR ITEM ALLOWANCE PARAMETRIC ITEM  | LS   | 1.000     | 100,000.00000 | 100,000.00 |           |       |        |      |
| 10CMNLS    | 6    | 0201001  | CLEARING AND GRUBBING                 | LS   | 1.000     | 9,191.54000   | 9,191.54   | Reference |       | Yes    | Yes  |
| 13HYVGEN   | 1    | 0202000  | EARTH EXCAVATION                      | c.y. | 1,000.000 | 39,540.00     | 39,540.00  | Bid Based |       | Yes    | No   |
| 12PAVEMENT | 11   | 0202000  | EARTH EXCAVATION                      | c.y. | 1,500.000 | 39,540.00     | 59,310.00  |           |       | No     | No   |
| 11BR-01987 | 4    | 0601062  | FOOTING CONCRETE                      | c.y. | 200.000   | 674.86000     | 134,972.00 |           |       | Yes    | No   |
| 11BR-01987 | 5    | 0601064  | ABUTMENT AND WALL CONCRETE            | c.y. | 400.000   | 1,278.55000   | 511,420.00 |           |       | Yes    | No   |
| 13HYVGEN   | 3    | 0909062  | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12.000    | 4,868.12000   | 58,417.44  |           |       | Yes    | No   |
| 10CMNLS    | 7    | 0971001  | MAINTENANCE AND PROTECTION OF TRAFFIC | LS   | 1.000     |               |            |           |       | Yes    | Yes  |
| 10CMNLS    | 8    | 0975004  | MOBILIZATION AND PROJECT CLOSEOUT     | LS   | 1.000     |               |            |           |       | Yes    | Yes  |
| 10CMNLS    | 9    | 0980020  | CONSTRUCTION SURVEYING                | LS   | 1.000     |               |            |           |       | Yes    | Yes  |
| 13HYVGEN   | 2    | 1001001  | TRENCHING AND BACKFILLING             | lf.  | 1,500.000 | 36.89000      | 55,335.00  | Reges...  | Yes   | No     | 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  
960,281.38

| CatID      | Line | Item     | Descr                                 | Unit | Quantity  | Unit Price    | Ext Amt    | Supp Descr | Ad Proc | Crntb | Excl |
|------------|------|----------|---------------------------------------|------|-----------|---------------|------------|------------|---------|-------|------|
| 11STDGEN   | 10   | 0001PARA | MINOR ITEM ALLOWANCE PARAMETRIC ITEM  | LS   | 1.000     | 100,000.00000 | 100,000.00 |            |         |       |      |
| 10CMNLS    | 6    | 0201001  | CLEARING AND GRUBBING                 | LS   | 1.000     | 9,191.54000   | 9,191.54   | Reference  | Yes     | Yes   |      |
| 13HYVGEN   | 1    | 0202000  | EARTH EXCAVATION                      | c.y. | 1,000.000 | 39,540.00     | 39,540.00  | Reges...   | Yes     | No    |      |
| 12PAVEMENT | 11   | 0202000  | EARTH EXCAVATION                      | c.y. | 1,500.000 | 39,540.00     | 59,310.00  |            |         |       |      |
| 11BR-01987 | 4    | 0601062  | FOOTING CONCRETE                      | c.y. | 200.000   | 674.86000     | 134,972.00 |            |         | Yes   | No   |
| 11BR-01987 | 5    | 0601064  | ABUTMENT AND WALL CONCRETE            | c.y. | 400.000   | 1,278.55000   | 511,420.00 |            |         | Yes   | No   |
| 13HYVGEN   | 3    | 0909062  | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12.000    | 4,868.12000   | 58,417.44  |            |         | Yes   | No   |
| 10CMNLS    | 7    | 0971001  | MAINTENANCE AND PROTECTION OF TRAFFIC | LS   | 1.000     |               |            |            |         | Yes   | Yes  |
| 10CMNLS    | 8    | 0975004  | MOBILIZATION AND PROJECT CLOSEOUT     | LS   | 1.000     |               |            |            |         | Yes   | Yes  |
| 10CMNLS    | 9    | 0980020  | CONSTRUCTION SURVEYING                | LS   | 1.000     |               |            |            |         | Yes   | Yes  |
| 13HYVGEN   | 2    | 1001001  | TRENCHING AND BACKFILLING             | lf.  | 1,500.000 | 36.89000      | 55,335.00  | Reges...   | Yes     | No    | 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)

The screenshot displays the 'Cost Estimate Summary' interface for 'Cost Estimate INCIDTEST - Asset Category Template'. The left sidebar shows the navigation menu with 'Non-Construction Costs' selected (1). The main area shows a table with one row for 'Incidentals' with a value of 27,968.00 and a 'Yes' status. Below the table, the 'New Non Construction Cost' form is visible. The form includes fields for 'Non Construction Cost Name' (3), 'Non Construction Cost Description' (4), 'Percent of Total Estimate' (5), 'Non Construction Cost Amount', and 'Calculated Amount'. There is also an 'Active' checkbox (6) and a 'Save' button (7) at the top right of the form area.

## 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 shows the 'Cost Estimate Summary' interface for 'Cost Estimate INCIDTEST - Asset Category Template'. The left sidebar has a 'Non-Construction Costs' item highlighted with a red box and a '1' callout. The main form area has a 'New' button with a '2' callout. Below it, the 'New Non Construction Cost' form has a 'Non Construction Cost Name' dropdown with a '3' callout, a 'Non Construction Cost Description' dropdown with a '4' callout, a 'Percent of Total Estimate' dropdown with a '5' callout, and an 'Active' checkbox with a '6' callout. A 'Save' button is highlighted with a red box and a '7' callout in the top right corner.

## Add Inflation

A cost estimate with a letting date more than one year from when the estimate is prepared should include an inflation adjustment. Inflation values progressively decrease as contracts move from programming to semi-final design and are removed entirely at the final design phase. The Inflation Parametric Item (005PARA) can be used to enter direct future inflation values. The steps for calculating and entering inflation 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

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

Unit System

English

Improvement Type

Work Type

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\kocabaj  
Kocaba James

Cost Estimate Total

Design Build

Profile

No

Budget Class

Lanemiles

Estimate Type

Vendor Access

### 3. 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 ItemNumLH Showing 9 of 9

Total Cost Estimate Items

616,273.68

| Cat ID     | Line | Item   | Descr                                 | Unit | Quantity  | Unit Price | Ext Amt      | Supp Descr | Pric     | Crdb    | Excl    |
|------------|------|--------|---------------------------------------|------|-----------|------------|--------------|------------|----------|---------|---------|
| 80CMLS     | 6    | 020101 | CLEARING AND GRUBBING                 | LS   | 1,000     |            |              |            |          |         | Yes Yes |
| 83HWGEN    | 1    | 020200 | EARTH EXCAVATION                      | c.y. | 1,000,000 |            | 48,450.00    |            | Reges... | Yes No  |         |
| 01BR-01987 | 4    | 060102 | FOOTING CONCRETE                      | c.y. | 200,000   |            | 671,140.00   | 134,228.00 | Reges... | Yes No  |         |
| 01BR-01987 | 5    | 060104 | ABUTMENT AND WALL CONCRETE            | c.y. | 400,000   |            | 1,302,540.00 | 521,016.00 | Reges... | Yes No  |         |
| 83HWGEN    | 3    | 096902 | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12,000    |            | 4,794,140.00 | 57,529.65  | Reges... | Yes No  |         |
| 80CMLS     | 7    | 097101 | MAINTENANCE AND PROTECTION OF TRAFFIC | LS   | 1,000     |            |              |            |          | Yes Yes |         |
| 80CMLS     | 8    | 097504 | MOBILIZATION AND PROJECT CLOSEOUT     | LS   | 1,000     |            |              |            |          | Yes Yes |         |
| 80CMLS     | 9    | 098020 | CONSTRUCTION SURVEYING                | LS   | 1,000     |            |              |            |          | Yes Yes |         |
| 83HWGEN    | 2    | 100101 | TRENCHING AND BACKFILLING             | lt.  | 1,500,000 |            | 36,700.00    | 55,050.00  | Reges... | Yes No  |         |

New Select Items...

Showing 9 of 9

4. Double click in the Cat ID field (1)
5. Select Category 81STGEN (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       | Line | Item    | Descr                                 | Unit | Quantity  | Unit Price  | Ext Amt    | Supp Descr | Priv...  | Contrib | Excl... |
|------------|------|---------|---------------------------------------|------|-----------|-------------|------------|------------|----------|---------|---------|
| 80CMNLS    | 6    | 0201001 | CLEARING AND GRUBBING                 | LS   | 1,000     |             |            |            |          |         |         |
| 83HYVGEN   | 1    | 0202000 | EARTH EXCAVATION                      | c.y. | 1,000,000 | 48.45000    | 48,450.00  |            | 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      |
| 83HYVGEN   | 3    | 0969062 | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12,000    | 4,794.14000 | 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     |
| 83HYVGEN   | 2    | 1001001 | TRENCHING AND BACKFILLING             | lf.  | 1,500,000 | 36.70000    | 55,050.00  |            | Reges... | Yes     | No      |
| 81STOGEN   | 000  | IPARA   | MINOR ITEM ALLOWANCE PARAMETRIC ITEM  | LS   | 1,000     |             |            |            |          | 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       | Line | Item    | Descr                                 | Unit | Quantity  | Unit Price    | Ext Amt    | Supp Descr | Priv...  | Contrib | Excl... |
|------------|------|---------|---------------------------------------|------|-----------|---------------|------------|------------|----------|---------|---------|
| 80CMNLS    | 6    | 0201001 | CLEARING AND GRUBBING                 | LS   | 1,000     |               |            |            |          |         |         |
| 83HYVGEN   | 1    | 0202000 | EARTH EXCAVATION                      | c.y. | 1,000,000 | 48.45000      | 48,450.00  |            | 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      |
| 83HYVGEN   | 3    | 0969062 | CONSTRUCTION FIELD OFFICE, MEDIUM     | mo.  | 12,000    | 4,794.14000   | 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     |
| 83HYVGEN   | 2    | 1001001 | TRENCHING AND BACKFILLING             | lf.  | 1,500,000 | 36.70000      | 55,050.00  |            | Reges... | Yes     | No      |
| 81STOGEN   | 000  | IPARA   | MINOR ITEM ALLOWANCE PARAMETRIC ITEM  | LS   | 1,000     | 100,000.00000 | 100,000.00 |            |          | 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 Medium 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

CONNDOT\kocabajt  
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 ?

Entity

Cost Estimate Name

0999-0999-TST

Snapshot Type

Manual

Snapshot Reason

02PD - Preliminary Design

01PRGM - Programming

02PD - Preliminary Design

03SFDP - Semi Final Design

04FD - Final Design

05FDP - Final Design Plans

06SC - Scope Modification

07OTH - Other

Description

Snapshot at Preliminary Design Completion - 30%

Remarks

Type

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

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%

General Entity Cost Estimate Name: 0999-0999-TST  
 Categories Snapshot: 001  
 Cost Summary Description: Snapshot at Preliminary Design Completion - 30%  
 Cost Estimate Items Snapshot Type: Manual  
 Non-Construction Costs Snapshot Reason: 02PD - Preliminary Design  
 Markups Created Date: 10/17/2023 10:53:57 AM  
 Item Pricing Worksheet Created By: CONNDOT\kocabaj

Remarks

### 9. Navigate back to the current cost estimate

Home Previous My Pages Cost Estimate

Cost Estimate Snapshot Overview Cost Estimate Snapshot Overview

Type search criteria or press Enter Advanced Showing 1 of 1

| Sequence | Description                                     | Snapshot Type | Created         | Created Dt             |
|----------|---|---------------|-----------------|------------------------|
| 001      | Snapshot at Preliminary Design Completion - 30% | Manual        | CONNDOT\kocabaj | 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

Project: 0999-0999-TST

General Parent Attributes

Associated Type Unit System: English  
 Project 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  
 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\kocabaj  
 Cost Estimate Total: 1,317,606.11  
 Previous Snapshot Total: 1,317,606.11

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

