

AASHTOWare Project Estimation

Contingencies

Printable Companion Handout



How do Contingencies work in AWPe?

In AASHTOWare Project Estimation, contingencies are added through a separate assignment as a percentage on top of the cost estimate. This contingency value is displayed separately in both the cost estimate summary and printable estimation.

Applying Contingencies to a Cost Estimate

1. Navigate to the Cost Estimate Summary
Project Summary → Cost Estimate Quick Link → Cost Estimates → [Estimate Name]
2. Click on the Contingency Assignment tab

This screenshot shows the "Cost Estimate Summary" page for project 1900051_07. The "Contingency Assignment" tab is selected in the top navigation bar. The page displays a summary of costs: Cost Estimate Total (7,525,063.50), Base Cost Estimate (7,525,063.50), Total AdHoc Pricing (0.00), Total Typical Section Pricing (0.00), Other Costs (0.00), Total Contingency (0.00), and Total Markups (0.00). A left sidebar contains navigation links for General, Cost Summary, Categories, Cost Estimate Items, Variables, AdHoc Pricing, Non-Construction Costs, Markups, and Annualization. The top of the page includes a header with "Home", "Previous", "My Pages", and "Current Role: INDOT_DESIGN".

3. You will navigate to the "Cost Estimate Contingency Assignment Overview." Click on the blue carrot to the right of the "Add" button.

This screenshot shows the "Cost Estimate Contingency Assignment Overview" page for project 2300752JD_Est - SR 931 NB Bridge over Kokomo Creek, 02.55 miles N SR 44. The page features a search bar with the text "Type search criteria or press Enter" and an "Advanced" link. Below the search bar is an "Add" button with a red carrot icon. The bottom of the page displays the status "No rows found matching criteria." and "0 marked for deletion | 0 changed". The top of the page includes a header with "Home", "Previous", "My Pages", and "Current Role: INDOT_DESIGN".

4. A pop-up menu will appear. Click “Select Contingency Assignment Profile.”

Indiana Department of Transportation

Home Previous My Pages Current Role: INDOT_DESIGN Actions Help Log off

Cost Estimate

Cost Estimate Contingency Assignment Overview

Cost Estimate: 2300752JD_Est - SR 931 NB Bridge over Kokomo Creek, 02.55 miles N SR 44 Save ?

Type search criteria or press Enter Advanced

Add

No rows

Actions

Select Contingency Assignment Profile

0 marked for deletion 0 changed

5. The “Select Contingency Assignment Profile” menu will appear. Click “Default.” A green checkmark will appear to the left of the profile name.

Select Contingency Assignment Profile

Type search criteria or press Enter Advanced Showing 1 of 1

Select: All None 1 selected

Select	Profile Name	Profile Description
✓	DEFAULT	Default Contingency Assignment Profile

Add To Cost Estimate

6. Click “Add to Cost Estimate” on the bottom left.

Select Contingency Assignment Profile

Type search criteria or press Enter Advanced Showing 1 of 1

Select: All None 1 selected

Select	Profile Name	Profile Description
✓	DEFAULT	Default Contingency Assignment Profile

Add To Cost Estimate

7. The page will refresh, and the “DEFAULT” profile will appear. Click “DEFAULT.”

Indiana Department of Transportation

Home Previous My Pages Current Role: INDOT_DESIGN Actions Help Log off

Cost Estimate

Cost Estimate Contingency Assignment Overview Associated CAP to CostEstimate Successfully. x

Cost Estimate: 2300752JD_Est - SR 931 NB Bridge over Kokomo Creek, 02.55 miles N SR 44 Save ?

Type search criteria or press Enter Advanced Showing 1 of 1

Add

0 marked for deletion 0 changed

Profile Name	Profile Description
DEFAULT	Default Contingency Assignment Profile

8. You will navigate to the Cost Estimate Contingency Summary screen. Click on the “Phase Ranges” tab on the left.

Indiana Department of Transportation

Home Previous My Pages Current Role: INDOT_DESIGN Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 2300752JD_Est - SR 931 NB Bridge over Kokomo Creek, 02.55 miles N SR 44 Save ?

General	Profile Name	Contingency Profile Cost
Phase Ranges	DEFAULT	0.00

Risk Factors	Profile Description	Current Estimate Stage
Items	Default Contingency Assignment Profile	STG1 - Design Stage 1 In Progress

9. Because of the default profile, the phase ranges will present for each project phase:

10. Populate the Percent column with the percentage

Phase	Percent	Explanation
SCP - Scoping In Progress	30.00	
SCPE - Scoping End	30.00	
STG1 - Design Stage 1 In Progress	20.00	
STG1E - Design Stage 1 End (30% Complete)	20.00	
STG2 - Design Stage 2 In Progress	15.00	
STG2E - Design Stage 2 End (60% Complete)	15.00	
STG3 - Design Stage 3 In Progress	10.00	
STG3E - Design Stage 3 End (90% Complete)	10.00	

11. Once you are finished. Press “Save.”

Home Previous My Pages Current Role: INDOT_DESIGN Indiana Department of Transportation Actions Help Log off

Overview Cost Estimate

Cost Estimate Contingency Assignment Summary

Cost Estimate: 2200752JD Est SR 931 ND Dodge over Kokomo Creek, 02.55 miles N SR 44 Save ?

General Phase Ranges Risk Factors Items

Q Type search criteria or press Enter Advanced Showing 8 of 8

New 0 added 0 marked for deletion 8 changed

Phase	Percent	Explanation
SCP - Scoping In Progress	30.00	
SCPE - Scoping End	30.00	
STG1 - Design Stage 1 In Progress	20.00	
STG1E - Design Stage 1 End (30% Complete)	20.00	
STG2 - Design Stage 2 In Progress	15.00	
STG2E - Design Stage 2 End (60% Complete)	15.00	
STG3 - Design Stage 3 In Progress	10.00	
STG3E - Design Stage 3 End (90% Complete)	10.00	

12. Navigate to the Cost Estimate Summary. Then, click on the Cost Summary tab on the left.

Home Previous My Pages Current Role: INDOT_DESIGN Indiana Department of Transportation 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: Est_2200655 Save ?

Project: 2200655JD

General Cost Estimate Total 1,296,418.64

Cost Summary

Categories

Cost Estimate Items

Variables

Adhoc Pricing

Non-Construction Costs

Markups

Annualization

Base Cost Estimate

Total Cost Estimate Items 1,296,418.64

Total AdHoc Pricing 0.00

Total Typical Section Pricing 0.00

Other Costs

Total Contingency 0.00

Total Markups 0.00

Depending on what stage your project is on, and what contingency you've assigned to your project,

The contingency will appear at the bottom of a printed Cost Estimate as well. To see how to print a cost estimate and/or access the pdf report, see [AWPe Training 109 - Printing Cost Estimates Companion.docx](#).

Cost Estimate Items								
Category	Line Number	Item	Quantity	Unit	Unit Price	Amount	Req/Std/Unique	Comments
0001	153	807-86920 MULTIPLE COMPRESSION FITTING, NON-WATERPROOFED	9.00	EACH	\$35.54	\$319.86	S	
0001	154	807-86930 INSULATION LINK, NON-WATERPROOFED	10.00	EACH	\$30.65	\$306.50	S	
0001	155	808-10049 LINE, MULTI-COMPONENT, SOLID, WHITE, 6 IN.	1,110.00	LFT	\$1.58	\$1,753.80	S	
0001	156	808-75998 SNOWPLOWABLE RAISED PAVEMENT MARKER	1.00	EACH	\$361.82	\$361.82	S	
Category 0001 Subtotal:						\$7,525,083.50		
						Item Total:		\$7,525,083.50
						Contingency:		\$1,505,016.70
						Total with Contingency:		\$9,030,100.20