



Estimating Module Enhancements

CAS/CAIS User Group Meeting

October 24-26, 2023

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Goal



- Separate the independent estimates from the RPV estimates
- Intended to avoid confusion and simplify the tool for estimators
- Further simplify the RPV estimating process





How will this be achieved?



Modifications to the New Estimate window

- Remove the Area Name and Property ID from the New Estimate Window



The screenshot shows a software window titled "New Estimate". At the top, there are two dropdown menus: "Area Name" (containing "CCP") and "Property ID". A red line is drawn across both of these fields. Below them is a "Folder:" dropdown menu. Further down are two text input fields: "Estimate Name:" and "Estimate Description:". At the bottom of the window are two buttons: "Save/Build Estimate" and "Cancel".



Modifications to the Estimate List window

- Remove the Property ID from the Estimate List window
- Remove RPV Folders

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Property ID Search & Press Enter

Field Office: Oak Ridge Science Site Name: Oak Ridge Office

Estimate List

Estimate ID	Estimate Name	Property ID	Total Estimate Value	Created By	Last Updated By
513	2715 ADA Access and FB Sidewalks and Handrails		\$15,458	Ferrer, Jorge	
521	DOOR 3063 for CC Conf Room -3rd Floor		\$637	Ferrer, Jorge	
552	2715 ADA Ramp		\$10,846	Ferrer, Jorge	
553	FB Handrails and Sidewalks		\$9,279	Ferrer, Jorge	Gordy, Mark
554	monument		\$1	Bryant, Lola	
559	vegetation removal		\$19	Bryant, Lola	
684	test		\$72,217	Bryant, Lola	Gordy, Mark
2214	Generic culvert		\$0	Horton, Frank	

Folders: 2715, Building 1916, T2, Building 1916, T2 HVAC, Building 1916, T3, **Building/Trailer RPV**, Estimate Templates, Estimates, Federal Building, NBBC

Buttons: New, Copy, Move, Delete, Modify Folder, Export Estimate, Manage Adders



Modifications to the Estimate List window (cont'd)



- Consolidate the buttons at the bottom to simplify the interface by using button groups



Modifications to the Estimate Detail window



- Remove Area Name and Property ID
- Add a new field called 'Associated Property ID'.

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Property ID Search & Press Enter

Field Office: Oak Ridge Science Site Name: Oak Ridge Office Area Name: ~~Property ID:~~

Estimate ID: 553 Estimate Name: FB Handrails and Sidewalks Description: Install Hndrails on SE Ramp and Rebuild Sidewalk

Geographic Adjuster: NATIONAL, AVERAGE 1.000

Estimate Detail							
<input type="checkbox"/>	Source	Quantity	RSM Line Number	Line Number Description	UOM	Category	Estimated Value
<input type="checkbox"/>	Master Format	0.00	013113200200	Field personnel, project manager, average	Week		\$0
<input type="checkbox"/>	Master Format	1.00	013113200280	Field personnel, superintendent, maximum	Week		\$4,225
<input type="checkbox"/>	Master Format	2.00	024113175050	Demolish, remove pavement & curb, remove bituminous pavement, 4" to 6" thick, excludes hauling and disposal fees	S.Y.		\$23
<input type="checkbox"/>	Master Format	24.00	024113175900	Demolish, remove pavement & curb, sidewalk, concrete, rod reinforced, 6" thick, with hand held air equipment, excludes hauling	S.F.		\$130
<input type="checkbox"/>	Master Format	13.00	024113176100	Demolish, remove pavement & curb, remove concrete curbs, reinforced, excludes hauling and disposal fees	L.F.		\$106
<input type="checkbox"/>	Master Format	48.00	038116500800	Concrete sawing, concrete walls, plain, per inch of depth, hydraulic saw	L.F.		\$521
<input type="checkbox"/>	Master Format	38.00	055213500520	Railing, pipe, steel, primed, 2 rails, 3'-6" high, posts @ 5' O.C., 1-1/2" dia, shop fabricated	L.F.		\$2,299
<input type="checkbox"/>	Master Format	1.00	055216509000	Railing, industrial, welded, steel, shop fabricated, minimum labor/equipment charge	Job		\$415
Subtotal:							\$9,279
Total Estimate Value							\$0
Total Estimate Value							\$9,279

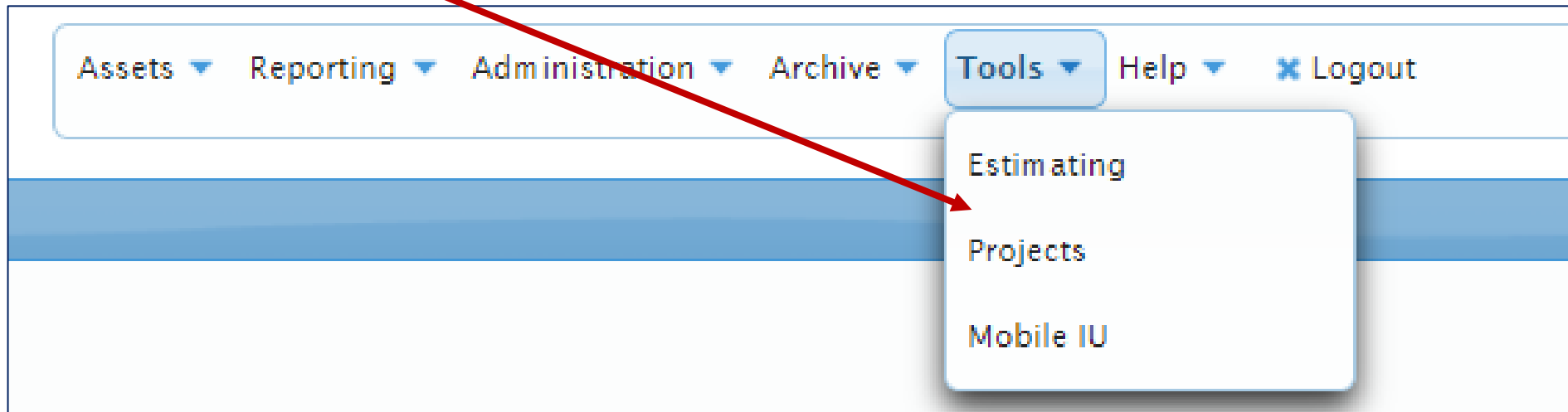


How will the Custom RPV estimating work?



New Custom RPV Estimating Option

- Under the Tools menu, a new option called 'Custom RPV' will be added



- Will also add a link to the CAIS home page for quick access



Custom RPV Process



- Remove the Building/Trailer and OSF RPV folders
 - Option will be removed from the New Estimate and the Estimate List windows
 - No longer needed since this is separate from independent estimates
 - Simplifies the processing
- Property Type will be added to the Estimate List window
 - Allows for filtering the RPV estimates by Property Type
- Buttons will be eliminated the no longer are applicable
 - For example, buttons related to moving or copying estimates





Custom RPV Process (cont'd)

- A progress indicator will be added to the Custom RPV estimates. RPV estimates will be categorized as “In Progress” or “Complete”
- New RPV estimates by default will be categorized as “In Progress”
- Estimate Detail window will have a button that will allow the user to toggle from “In Progress” to “Complete”
- Once “Complete” is clicked, the total estimate value will be linked to the FIMS RPV value for that asset.





Questions?





THANK YOU

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