

Estimate Items and MW Connection

Project and Program Delivery Manual
Chapter 5.2
Setting up a New Estimate
Originally Issued: 11-07-24
Revised: xx-xx-xx

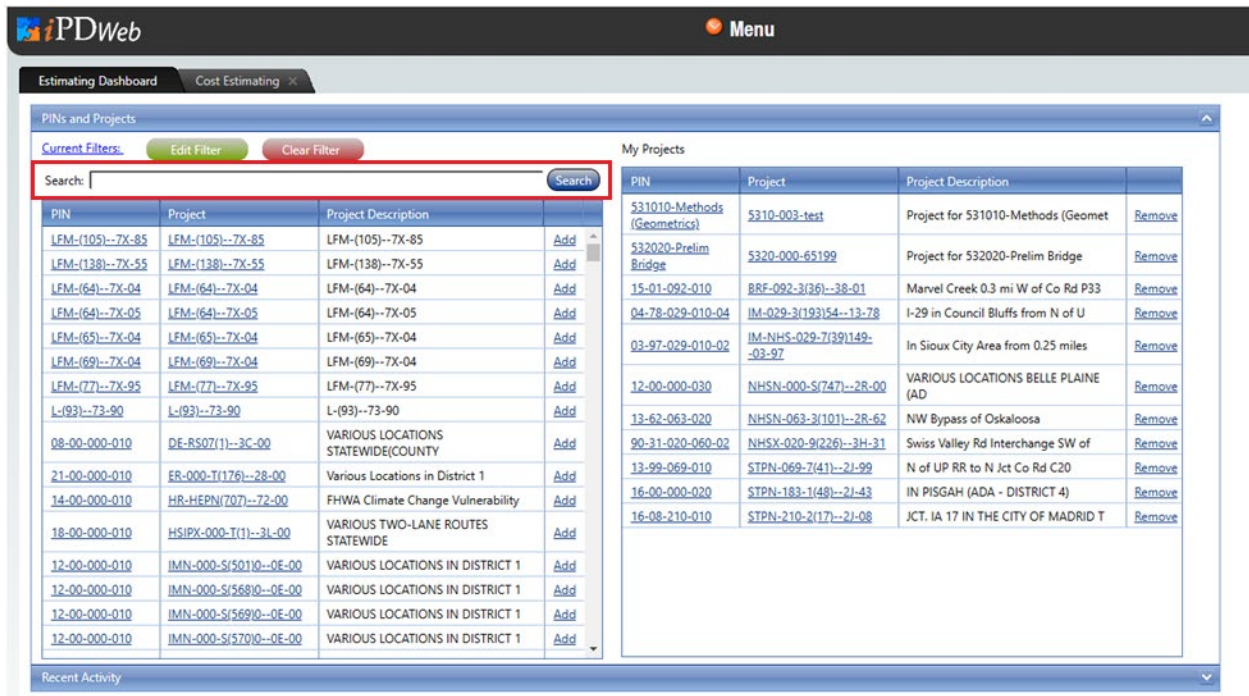
The graphic below shows the preferred workflow for moving plan items project data from Masterworks to iPDWeb, and back to Masterworks.



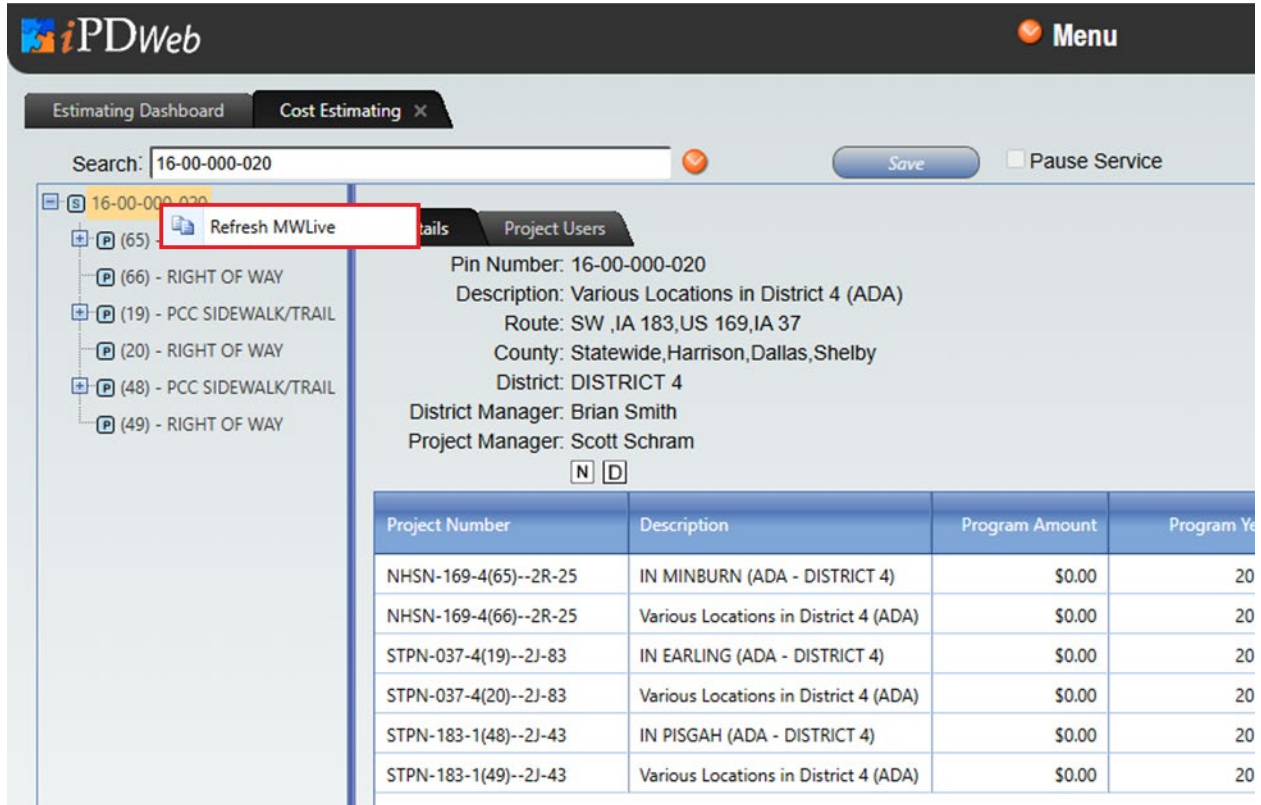
Masterworks and iPDWeb

Cost estimates will be created in the iPDWeb estimating software. Containers, Plan items and quantities that are entered in the Plan Items form in Masterworks will be transferred to iPDWeb through an online service. To transfer data from Masterworks to iPDWeb, perform the following steps:

Navigate to the desired project in iPDWeb by using the search function.



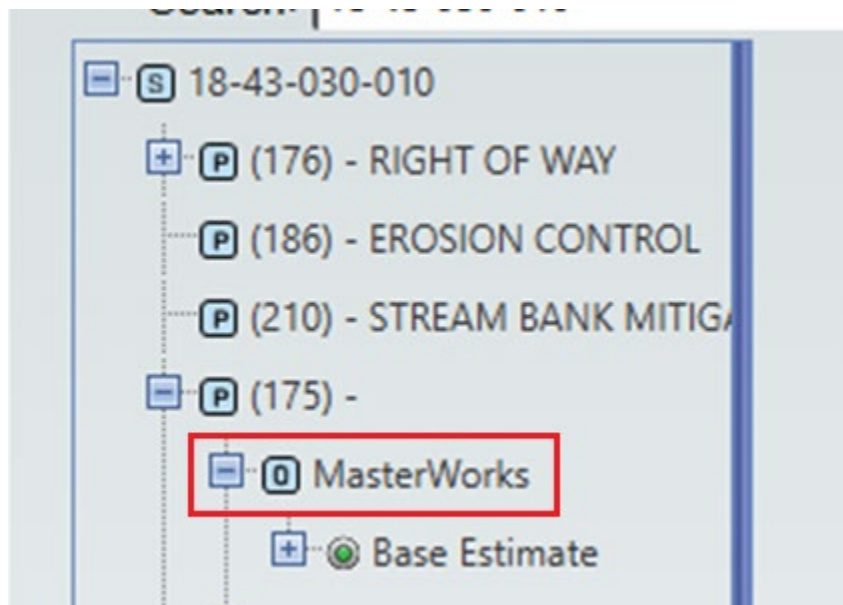
Right-click on the selected Project Code in the navigation tree on the left side of the screen and select "Refresh MWLive". iPDWeb will be updated to match the container names, plan items, and quantities that were entered in Masterworks. If the estimate is currently marked complete you will need to right-click and mark it incomplete or the sync will not work. It is important to make sure the containers in Masterworks match the ones in iPDWeb. It is possible for old containers to be left in iPDWeb from previous estimates.



The screenshot shows the iPDWeb interface. At the top, there is a search bar with the text "16-00-000-020" and a "Save" button. Below the search bar, a navigation tree on the left lists project items: (65), (66) - RIGHT OF WAY, (19) - PCC SIDEWALK/TRAIL, (20) - RIGHT OF WAY, (48) - PCC SIDEWALK/TRAIL, and (49) - RIGHT OF WAY. A context menu is open over the (65) item, with "Refresh MWLive" highlighted in a red box. The main content area displays project details for Pin Number 16-00-000-020, including Description: Various Locations in District 4 (ADA), Route: SW ,IA 183,US 169,IA 37, County: Statewide,Harrison,Dallas,Shelby, District: DISTRICT 4, District Manager: Brian Smith, and Project Manager: Scott Schram. Below the details is a table with the following data:

Project Number	Description	Program Amount	Program Year
NHSN-169-4(65)--2R-25	IN MINBURN (ADA - DISTRICT 4)	\$0.00	20
NHSN-169-4(66)--2R-25	Various Locations in District 4 (ADA)	\$0.00	20
STPN-037-4(19)--2J-83	IN EARLING (ADA - DISTRICT 4)	\$0.00	20
STPN-037-4(20)--2J-83	Various Locations in District 4 (ADA)	\$0.00	20
STPN-183-1(48)--2J-43	IN PISGAH (ADA - DISTRICT 4)	\$0.00	20
STPN-183-1(49)--2J-43	Various Locations in District 4 (ADA)	\$0.00	20

Assign unit prices to the desired phase number as discussed in chapter (5.2.2.6). Estimates that are intended to be transmitted to Masterworks should be updated under the Masterworks/Base Estimate folder in the navigation tree on the left side of the screen.



The screenshot shows a portion of the iPDWeb navigation tree. The tree structure is as follows:

- 18-43-030-010
 - (176) - RIGHT OF WAY
 - (186) - EROSION CONTROL
 - (210) - STREAM BANK MITIGATION
 - (175) -
 - MasterWorks** (highlighted in a red box)
 - Base Estimate

After unit prices have been entered and the estimator is satisfied with the cost estimate, it is time to transmit the estimate back to Masterworks. At the top of the screen, click save (1). Next, right click on the container that is to be transmitted to Masterworks and select "Mark Complete" (2). This will lock the estimate so no changes can be made to the plan items in the container and places a green checkmark to the left of the container. Repeat this step for each container that has been updated.

The screenshot displays the iPDWeb interface for cost estimating. The search bar at the top left contains the ID '18-43-030-010'. A 'Save' button is highlighted with a red box. A right-click context menu is open over the 'Roadway Items' container, with 'Mark Complete' selected. The 'Division Header' section shows 'Name: Roadway Items', 'Description: Roadway Items', and 'Current Total: \$56,434,64'. A table below shows 'Item Number 2102-2625001' and 'Description EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED'.

When a green checkmark appears next to the container(s) that should be transmitted to Masterworks, click Save again.

The screenshot displays the iPDWeb interface for cost estimating. The search bar at the top left contains the ID '18-43-030-010'. A 'Save' button is highlighted with a red box. The 'Roadway Items' container now has a green checkmark next to it. The 'Division Header' section shows 'Name: Roadway Items', 'Description: Roadway Items', and 'Current Total: \$56,434,64'.



Note: Cost estimate data will not transmit to Masterworks if the user does not click Save after marking the container(s) complete.

Chronology of Changes to Manual Section:

5.2.2.1 Estimate Items and MW Connections

11/07/2024 NEW