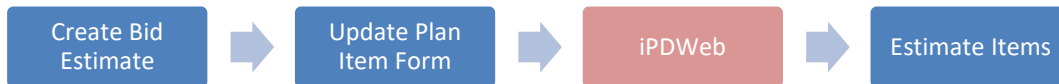


Estimate Items and MW Connection

Project and Program Delivery Manual
Chapter 5.2
Setting up a New Estimate
Originally Issued: 11-07-24
Revised: 12-20-24

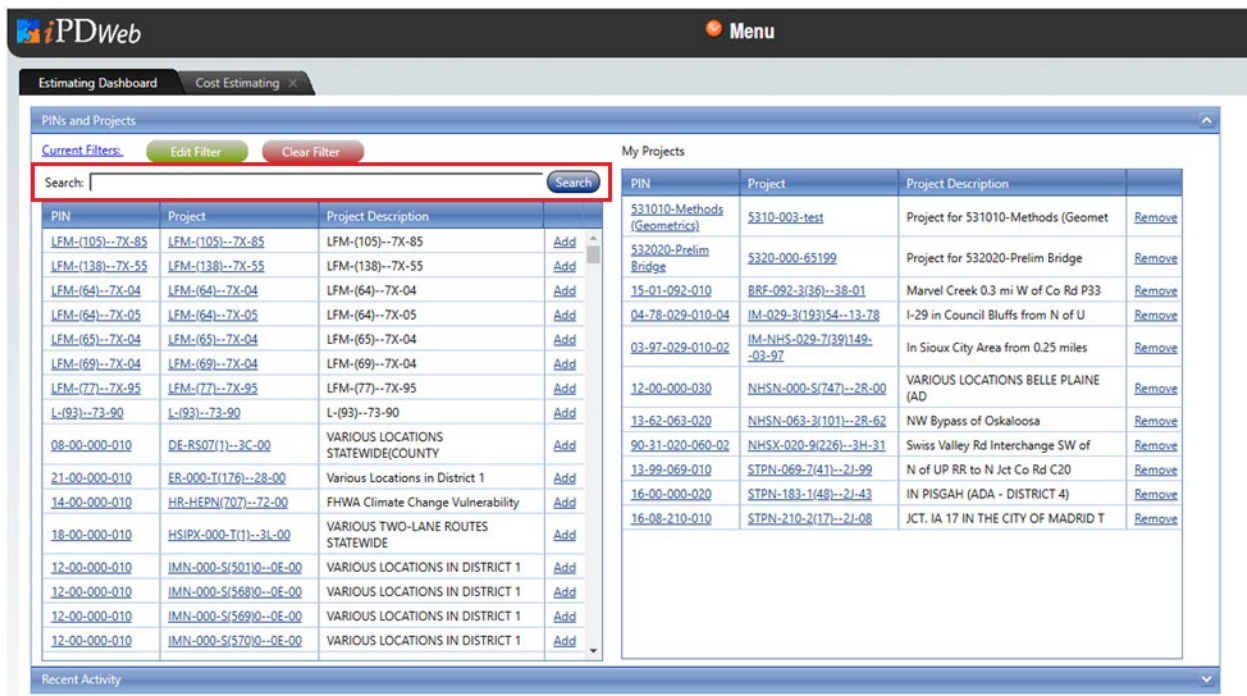
The graphic below shows the preferred workflow for moving plan items project data from Masterworks to iPDWeb, and back to Masterworks.



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 in the Estimating Dashboard.



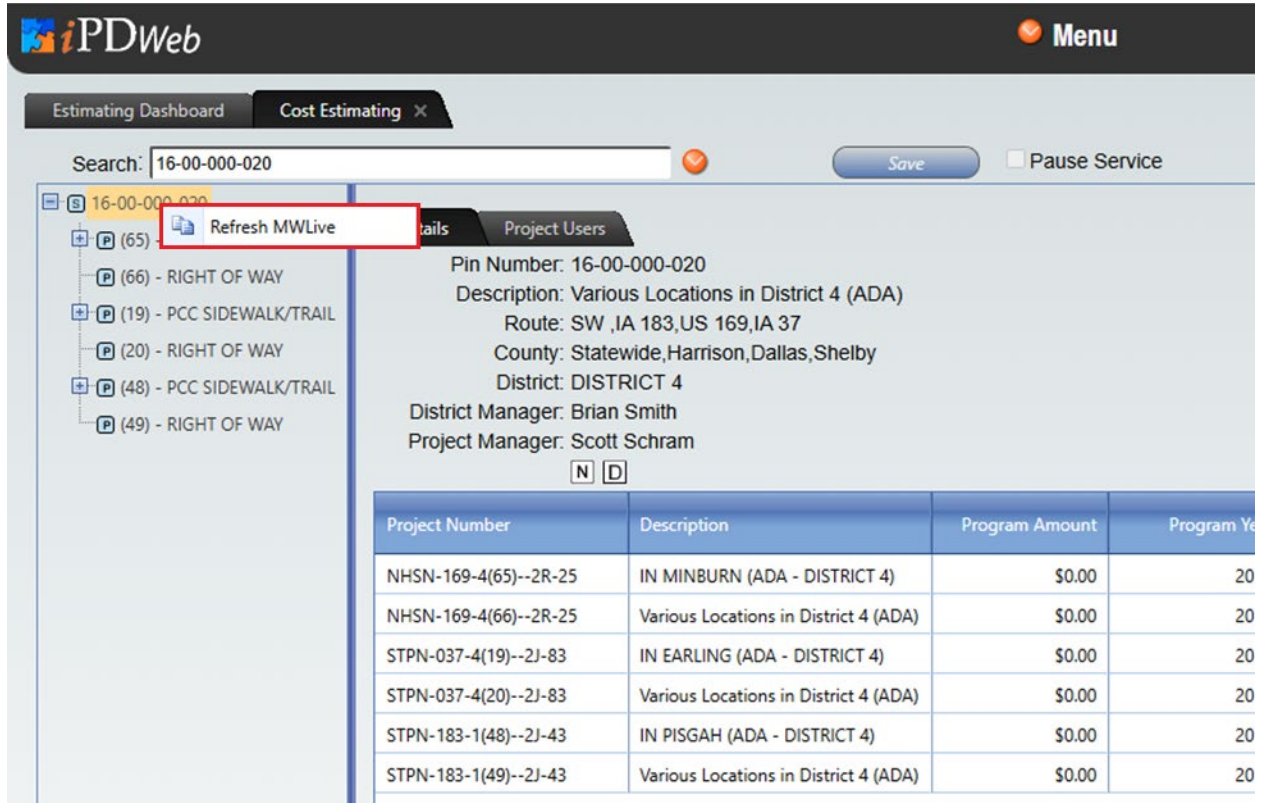
If the search function in the Estimating Dashboard tab does not produce any results, try searching in the Cost Estimating tab. Click on the “Menu” dropdown at the top of the window. Next, click the “Cost Estimating” button.

The screenshot shows the iPDWeb interface. At the top right, there is a 'Menu' dropdown button. The menu is open, showing several categories: Cost Management, Cost Estimating, Maintenance, and Reporting. Under 'Cost Estimating', the 'Cost Estimating' option is highlighted with a red box. Other options in the menu include 'Division Template', 'Organization', 'Items', 'Master D Group', 'Employees', 'Manage Policies', 'AdHoc Reports', 'Fiscal Report', and 'Fiscal Chart'. In the background, the 'Estimating Dashboard' tab is visible, showing a search bar and a table of projects with columns for PIN, Project, and Project Description.

The Cost Estimating tab should appear. In the Cost Estimating tab, type the phase number or project code in the search bar to find your desired project.

The screenshot shows the iPDWeb interface with the 'Cost Estimating' tab selected. The search bar contains the text 'Intelligent Search'. There are 'Save' and 'Pause Service' buttons visible. The main content area is currently empty.

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.

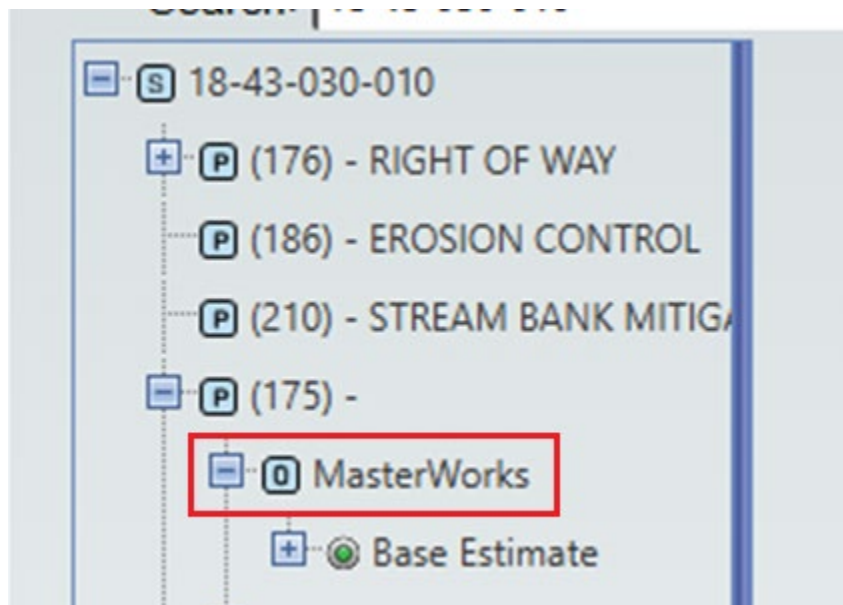


The screenshot shows the iPDWeb interface with the following details:

- Search:** 16-00-000-020
- Buttons:** Save, Pause Service
- Project Details:**
 - Pin Number: 16-00-000-020
 - 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
 - Project Manager: Scott Schram
- Project Items Table:**

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 navigation tree for project code 18-43-030-010 with the following items:

- (176) - RIGHT OF WAY
- (186) - EROSION CONTROL
- (210) - STREAM BANK MITIGATION
- (175) - [unclear]
- MasterWorks** (highlighted with 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' and 'Copy' options highlighted. The 'Division Header' section shows 'Name: Roadway Items', 'Description: Roadway Items', and 'Current Total: \$56,434,64'. A table below shows item details for '2102-2625001'.

Item Number	Description
2102-2625001	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.



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
12/20/2024	Added information about search function in Cost Estimating tab.