

Estimate Items and MW Connection

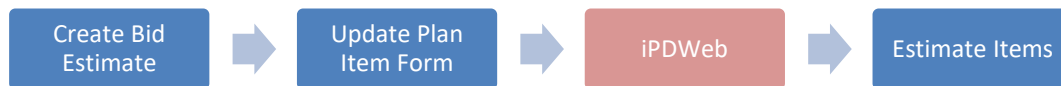
Project and Program Delivery Manual
Chapter 5.2

Setting up a New Estimate

Originally Issued: 11-07-24

Revised: 09-03-25

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



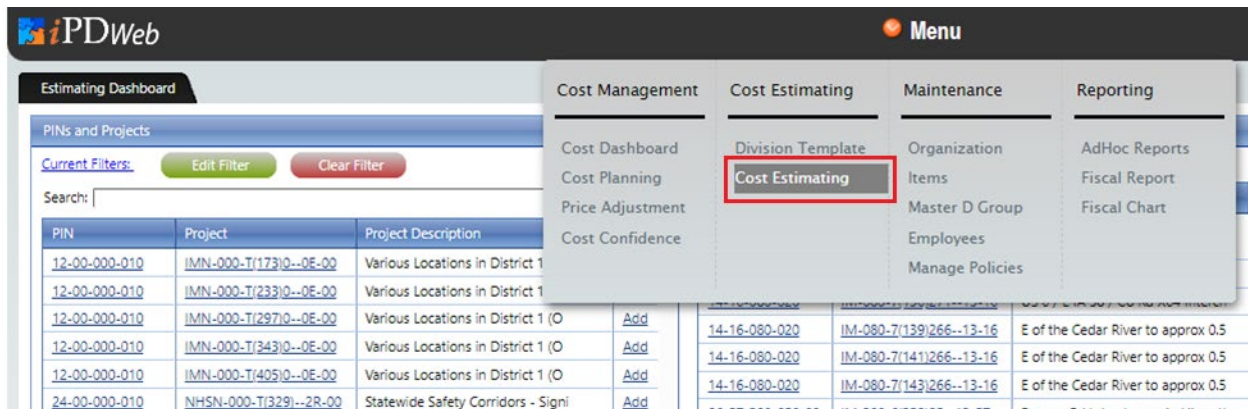
Masterworks and iPDWeb

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:

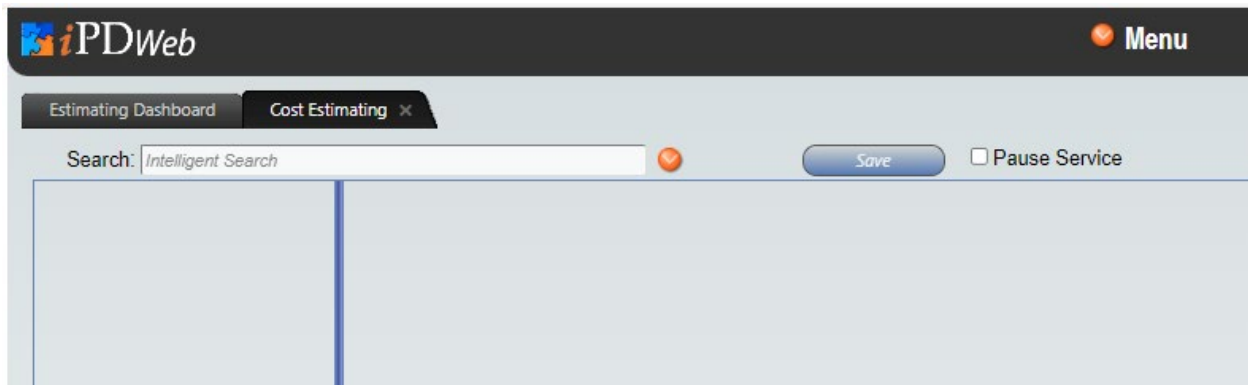
Navigate to the desired project in iPDWeb by using the search function in the Estimating Dashboard.

The screenshot shows the iPDWeb Estimating Dashboard. At the top, there is a 'Menu' button. Below it, the 'Estimating Dashboard' tab is selected. The main area is divided into two sections: 'PINs and Projects' on the left and 'My Projects' on the right. The 'PINs and Projects' section has a search bar with the text 'Search:' and a 'Search' button. Below the search bar is a table with columns 'PIN', 'Project', and 'Project Description'. The table lists various projects, including 'LFM-(105)--7X-85', 'LFM-(138)--7X-55', 'LFM-(64)--7X-04', 'LFM-(64)--7X-05', 'LFM-(65)--7X-04', 'LFM-(65)--7X-05', 'LFM-(69)--7X-04', 'LFM-(69)--7X-05', 'LFM-(77)--7X-95', 'LFM-(77)--7X-95', 'L-(93)--73-90', 'L-(93)--73-90', '08-00-000-010', 'DE-RS07(1)--3C-00', '21-00-000-010', 'ER-000-T(176)--28-00', '14-00-000-010', 'HR-HEPN(707)--72-00', '18-00-000-010', 'HSIPX-000-T(1)--31-00', '12-00-000-010', 'IMN-000-S(5010)--0E-00', '12-00-000-010', 'IMN-000-S(5680)--0E-00', '12-00-000-010', 'IMN-000-S(5690)--0E-00', and '12-00-000-010', 'IMN-000-S(5700)--0E-00'. Each row has an 'Add' button. The 'My Projects' section has a table with columns 'PIN', 'Project', and 'Project Description'. The table lists various projects, including '531010-Methods (Geometrics)', '5310-003-test', '532020-Prelim Bridge', '5320-000-65199', '15-01-092-010', 'BRF-092-3(36)--38-01', '04-78-029-010-04', 'IM-029-3(193)54--13-78', '03-97-029-010-02', 'IM-NHS-029-7(39)149--03-97', '12-00-000-030', 'NHSN-000-S(747)--2R-00', '13-62-063-020', 'NHSN-063-3(101)--2R-62', '90-31-020-060-02', 'NHSX-020-9(226)--3H-31', '13-99-069-010', 'STPN-069-7(41)--2J-99', '16-00-000-020', 'STPN-183-1(48)--2J-43', and '16-08-210-010', 'STPN-210-2(17)--2J-08'. Each row has a 'Remove' button.

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 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.



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.

Search: 16-00-000-020

Refresh MWLive

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 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.

18-43-030-010

- (176) - RIGHT OF WAY
- (186) - EROSION CONTROL
- (210) - STREAM BANK MITIGATION
- (175) -
- MasterWorks**
 - 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.

Search: 18-43-030-010

Save

Pause Service

18-43-030-010

- (176) - RIGHT OF WAY
- (186) - EROSION CONTROL
- (210) - STREAM BANK MITIGATION
- (175) -
- MasterWorks
- Base Estimate
- Roadway Items
- Office Of Location/Environment
- (180) - GRADING
- (181) - RCB CULVERT NEW - 5
- (182) - BRIDGE - UNSPECIFIED
- (183) - UNKNOWN PAVEMENT

Mark Complete

Copy

Division Header

Name: Roadway Items

Description: Roadway Items

Alternate: ☐

Alternate Name:

Design Number:

Trend Filter Date Range: 11/04/2022

Update Suggested Price

Suggested Price Update Date: 11/04/2024

Current Total: \$56,434,64

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.

Search: 18-43-030-010

Save

18-43-030-010

- (176) - RIGHT OF WAY
- (186) - EROSION CONTROL
- (210) - STREAM BANK MITIGATION
- (175) -
- MasterWorks
- Base Estimate
- ✓ Roadway Items
- Office Of Location/Environment

Division Header

Name: Roadway Items

Description: Roadway Items

Alternate: ☐

Design Number:

Trend Filter Date Range: 11/04/2022

Update Suggested Price

Suggested Price Update Date: 11/04/2024

Current Total: \$56,434,64

Item Number	Description
2102-2625001	EMBANKMENT-IN-PLACE, CONTRACTOR FURNISHED



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.
09/03/2025	Removed Header on pages. Checked Accessibility.