

iPDWeb Construction Cost Estimating

- iPDWeb – Integrated Project Development by ExeVision

Search: 15-01-092-010

Division Header

Name: Design 120

Description: 130' x 44' PPCB Single Span Bridge
Construction Cost Estimating

Alternate: Alternate Name:

Design County: Adair Use Suggestion: Update Suggested Price 02/01/2018

Use Division Total: Use Project Total: Use Office Total:

Group by Level One: Group by Level Two: Current Total: \$925,442.66 Previous Total:

Item Number	Description	UOM	Quantity	Unit Price	Use Suggestion	Suggestion	Suggestion Range	Ext. Price	...	Docs
2104-2710020	EXCAVATION, CL 10, CHANNEL	CY	1,488.800	\$7.73	<input checked="" type="checkbox"/>	\$7.73	\$6.39 - \$9.36	\$11,508.42	N	A
2401-6750001	REML	LS	1.000	\$22,320.00	<input type="checkbox"/>	\$0.00		\$22,320.00	N	A
2507-3250005	ENGINEER FABRIC	SY	2,224.100	\$2.98	<input checked="" type="checkbox"/>	\$2.98	\$2.73 - \$3.25	\$6,627.82	N	A
2507-6800061	REVTMENT, CLASS E	TON	2,341.700	\$44.07	<input checked="" type="checkbox"/>	\$44.07	\$40.73 - \$47.68	\$103,198.72	N	A
2507-8029000	EROSION STONE	TON	32.700	\$42.24	<input checked="" type="checkbox"/>	\$42.24	\$38.08 - \$46.86	\$1,381.25	N	A
2533-4980005	MOBILIZATION	LS	1.000	\$84,131.00	<input type="checkbox"/>	5.99%	1.20% - 30.90%	\$84,131.00	N	A
PARA-020-020	Bridges	Parametric (Square Feet of Deck)	6,281.240	\$110.85	<input checked="" type="checkbox"/>	\$110.85	\$89.72 - \$136.97	\$696,275.45	N	A



iPDWeb Construction Cost Estimating – Highlights

- Web-based access
- Uniform tools that can be applied throughout the DOT
- Data-driven estimating
- Tools for parametric estimating, estimating with composites, percent based items or bid items
- Reports
- Performance dashboards
- Cost management tools



Data Analysis - Regression



iPDWeb Construction Cost Estimating - Getting Started

- Hyperlink to the application:
- <https://iadow.exevision.com/ipd/index.aspx?ln=app>
- Designate a Consultant Organization Manager for your organization – access granted by Project Management Office.
Contact: Mark.Muxfeldt@iadow.us
- Consultant Organization Managers can manage their staff access.



iPDWeb Construction Cost Estimating – Resources

The screenshot shows the iPDWeb interface for construction cost estimating. At the top, there is a navigation bar with the iPDWeb logo, a 'Menu' button, and a user welcome message: 'Welcome James Nelson Log Out Options Help'. Below this, there are tabs for 'Estimating Dashboard' and 'Cost Estimating'. A search bar contains the text '15-01-092-010' and a 'Save' button. On the left, a tree view shows a project hierarchy: '15-01-092-010' (expanded) -> '15-01-092-010-00' (expanded) -> 'BRFN-092-3(36)--39-01' (expanded) -> 'Office Of Design' (expanded) -> 'Office Of Bridges & S' (expanded) -> 'B01-Bridge Repl P' (expanded) -> 'Design 120' (selected). The main content area displays a 'Division Header' form for 'Design 120'. The form includes the following fields and options: 'Name: Design 120' with a 'Report' button; 'Description: 130' x 44' PPCB Single Span Bridge' with a dropdown menu showing 'Construction Cost Estimating'; 'Alternate: Alternate Name: _____'; 'Design County: Adair' with a dropdown arrow; 'Use Suggestion: Update Suggested Price 02/01/2018'; and three checkboxes: 'Use Division Total: ', 'Use Project Total: ', and 'Use Office Total: '. A vertical scrollbar is visible on the right side of the form.

- Application help menu
 - Help Index
 - Tutorial (videos of common tasks)
- LRFD BDM Chapter 1.12 Cost Estimates (July 2018 Release)
- Hyperlink to iPDWeb Cost Estimating Manual for OBS
<https://iowadot.gov/bridge/programs/iPDWeb%20Project%20Cost%20Estimating%20for%20OBS.pdf>
- Design Manual Chapter 21M-47 iPD Project Cost Estimating