





FY 2018-19

Capital Improvement Program (CIP)

User's Manual

April 2018







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About Web Smart Capital Improvement Program (CIP)

Web Smart CIP is designed to assist local agencies with one element of the Measure M2 (M2) annual eligibility process: the preparation of a seven-year Capital Improvement Program (CIP). The use of Web Smart CIP streamlines the process for an agency to prepare and submit a CIP for public works projects, and helps to ensure that the agency meets eligibility requirements for M2.

Using Web Smart CIP, local agencies can:

- Present their local CIP in a format that meets the required guidelines for M2 and reduces potential problems later in the OCTA review process;
- Create a repository of information that can easily be updated for subsequent CIP submittals;
- Provide a system to track projects beyond the typical one- to two-year budget periods;
- The Web Smart CIP for fiscal years 2018-19 through 2024-25 includes CIP information received by OCTA during the FY 2017-18 eligibility cycle. Web Smart CIP users should review this data to ensure the accuracy and continuation of previously submitted projects.

Help

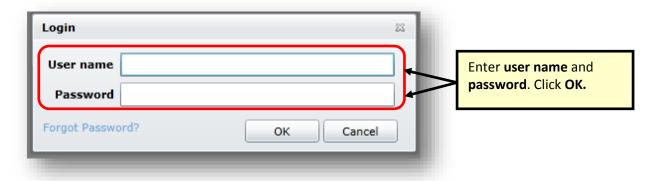
For help, contact CIPAdmin@octa.net

Navigating in Web Smart CIP

Log-In

To log-in, the user will navigate to the Web Smart CIP website and enter the username and password. The user will click OK and navigate to the CIP Central Tab to view projects in the CIP database. New users must contact OCTA staff at CIPAdmin@octa.net to be assigned a user name.

Website: http://websmartcip.octa.net



Forgot Password?

Click on Forgot Password to reset the password. A new password will be generated and sent to the e-mail address associated with the account.



Pages

The user can navigate through five pages that include Home, Administration, CIP Central, Reports, and Help.



Page	Page Description
Home	Includes announcements and important links.
Administration	Allows the local agency to select projects that need to be archived.
CIP Central	Includes access to all projects listed in the CIP for the logged in agency.
Reports	Printable reports for the local agency including Sorted By Name, Sorted By Improvement Type, Fund Source by Year, Fund Source by Improvement Type, and Project Submittal Status.
Help	Includes guidance on how to navigate through the CIP website.

Symbol Legend

There are symbols listed below that the user can use while navigating through the database.

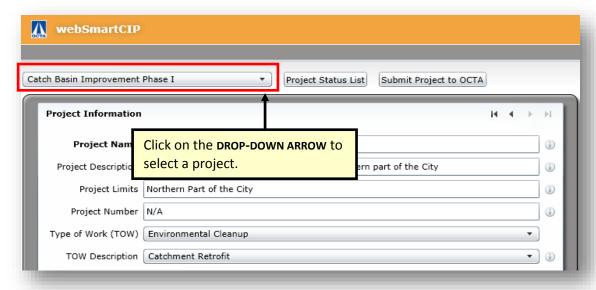
Symbol	Symbol Name	Symbol Description
н 4 ト н	Record Bar	The record bar is used to navigate from one project to another. With a mouse-click, move to the next or previous record, or go to the first or last record.
Project Status List	Project Status List	The project status list includes all the projects included by the agency in the 7-Year CIP. The list includes a status column to show project submittal status (i.e. Submitted, Not Submitted, ReSubmitted).
+	Add New Project	To add a new project, click on the + sign. A blank data entry record will appear. A project name is required as the minimum to save a new project.
×	Cancel/ Delete	The X button can be used to delete an existing project or cancel/exit from the addition of a new project.
	Save	Click the button on the left to save a new project.
	Drop-down Arrow	Click on the drop-down arrow button to the right of the list box to display a list. Select the appropriate entry and the entry will display in the box. If needed, use the scroll bar to the right of the list to scroll through the list.
(i)	Explanation	Brief instructions of what information to include are provided when you scroll over this button.
	Comments	Click on the comments button to add project notes. These notes will not appear in the printed reports, and are used to foster communication between local agencies and OCTA as well as aid overall administration.
2	Refresh	Click on the refresh button to re-alphabetize the project name list on the drop-down arrow list.

Find Project

To access any project in the CIP database, the user must navigate to the CIP Central Tab. To find a project, click on the drop-down arrow, navigate through the record bar, or click on the project status list to find an exisiting project as illustrated in this section.

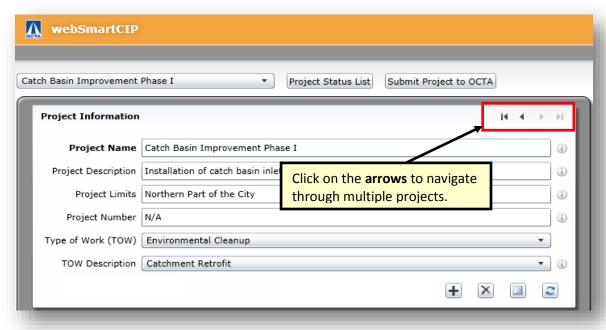
Drop-down Arrow

Click on the **drop-down arrow** button to display a list of projects.



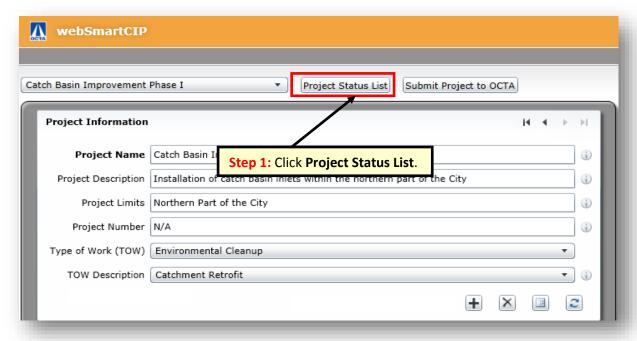
Record Bar

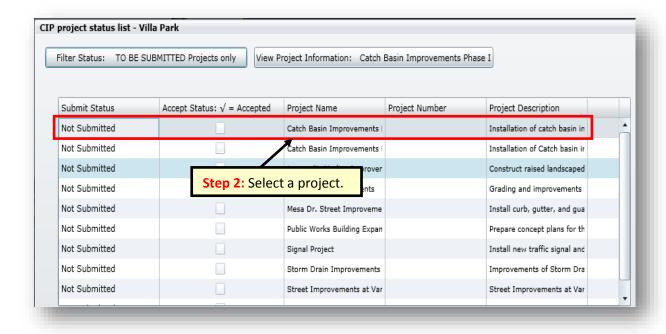
The record bar is used to navigate sequentially from one project to another. With a mouse-click, view next or previous project, or go to the first or last project.

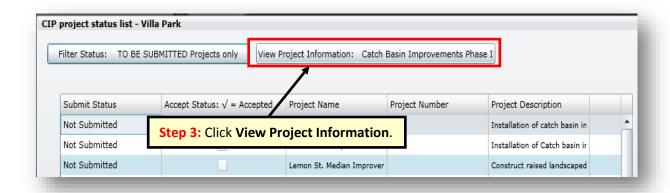


Project Status List

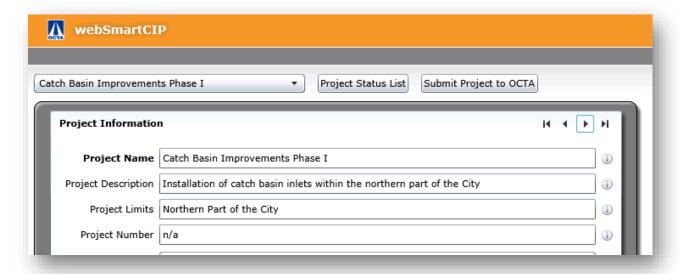
The project status list is used by the agency to view a summary list of all the projects in the CIP.





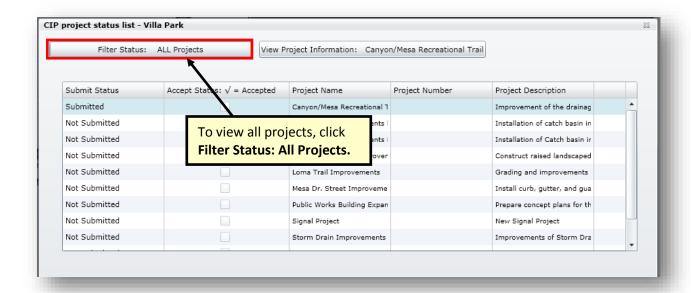


The selected project will appear as illustrated below. To make changes, click inside the text box areas to make the data entry editable.



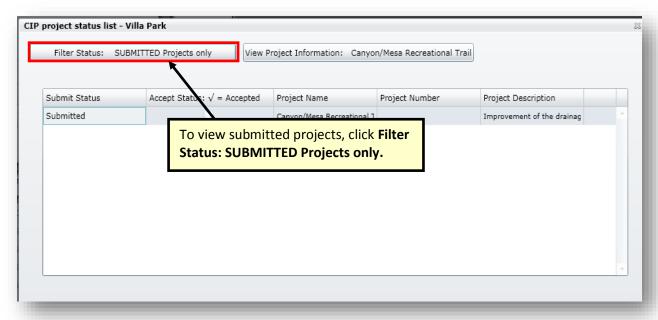
The agency has the ability to use the toggle filter to list all projects, submitted projects, or to be submitted projects. Click on the filter status button to toggle between the projects submit status. See below for additional filter types.

To view a list of all projects, click the toggle filter to **All Projects.**



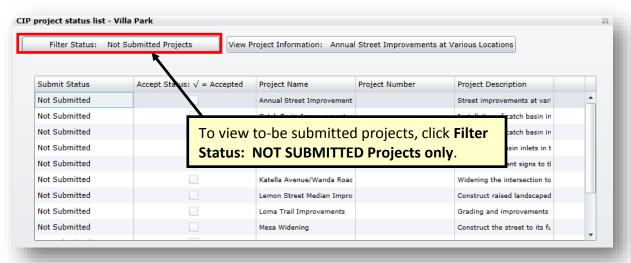
Filter for Submitted Projects

To view a list of submitted projects, click the toggle filter to **Submitted Projects only.**



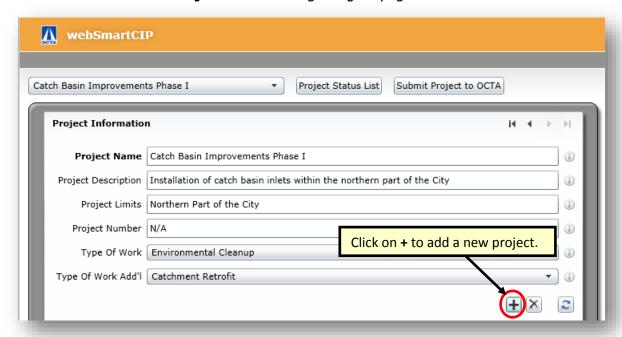
Filter for Not Submitted Projects

To view a list of projects that have not been submitted, click the toggle filter to **Not Submitted Projects only.**



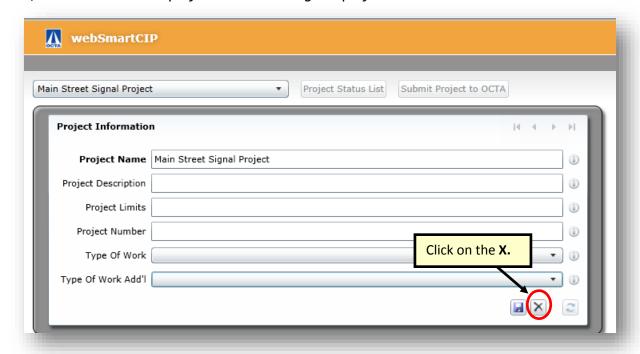
Add Project

Once logged in, the user navigates to the CIP Central Page to view projects in the CIP database. To add a project, the user must click on the + button to add a new project. A blank data entry record will appear to add a new project. Instructions for entering information for a new project are included in the "**New Projects**" section beginning on page 13.



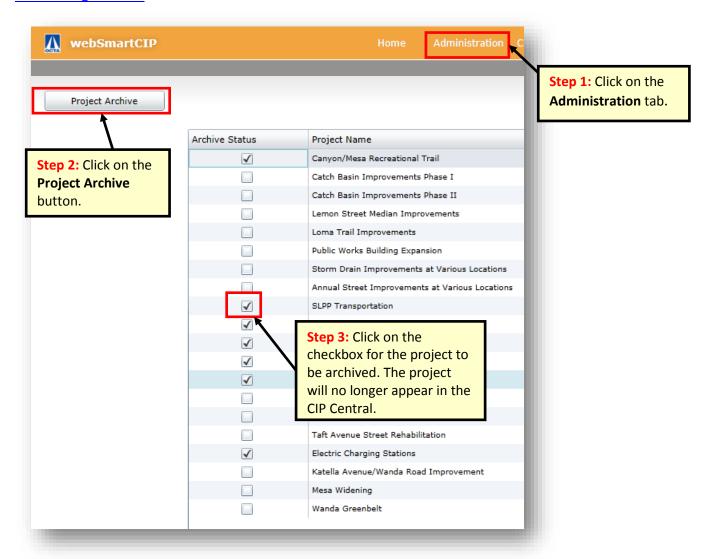
Cancel/Exit from New Project

Click on the **X** button if a user clicks on the **+** button to add a new project and would like to exit/cancel out of a new project without saving the project.



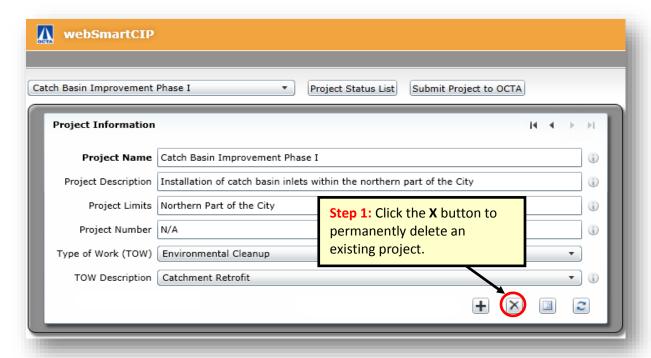
Archive Project

Archiving projects allow the projects to remain stored in the database; however these projects will not appear in the CIP Central Page or in the reports. Projects that do not have additional funding or phases in outward years should be archived. Environmental and traffic projects that have O&M in outward years should not be archived. To archive a project, contact CIPAdmin@octa.net or click the Administration tab as illustrated below.

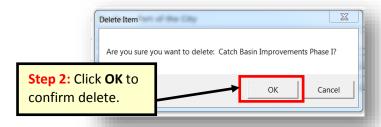


Delete Project

Once logged in, the user navigates to the **CIP Central** Page to view projects in the CIP database. Any project listed in the CIP can be deleted. Locate the project to delete by navigating through the drop-down arrow list, project status list or click through the record bar. Projects that are not transportation-related should not be included in the OCTA Web Smart CIP database and will be deleted during OCTA staff review.



A message box will appear to confirm delete. When a project is deleted, it is permanently deleted from the CIP database and cannot be recovered by the user. Click OK to delete the project.



Update Existing Project

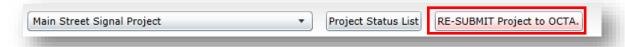
Only one project can be worked on at a time. To update an existing project:

- 1. Locate the project by navigating through the drop-down arrow list, project status list, or click through the record bar.
- 2. Update project cost and fund type information. Information will automatically save.
- 3. Submit to OCTA for approval. After clicking Submit Project to OCTA, edits cannot be made once submitted.

Note: Changes to the "Project Cost" information will automatically re-calculate "Project Fund Source" information" cost based upon prior percent assignment. Changes to the Fund. Changes made to "Project Fund Source" cost by user must have a corresponding change to the "Project Cost" information. This information is not updated automatically.

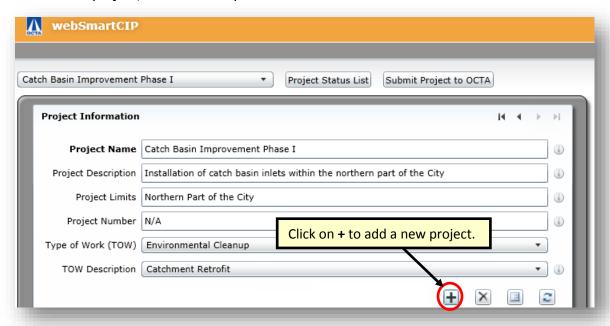
Re-Submit Project

In the case that an agency needs to revise a submitted project, the agency will have to contact OCTA staff in order to re-open the data entry record for edits and the agency will have to resubmit the project to OCTA for approval.



New Projects

To add a new project, follow the steps illustrated below:

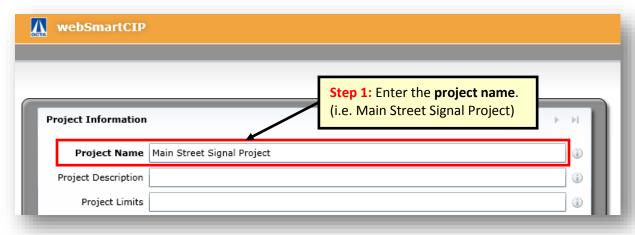


A blank data entry record will appear to add a new project, enter the project information, and add the project to the map.

Project Information

Project Name

Enter the **project name** as worded on the CTFP project application or as listed in the jurisdiction's Capital Improvement Program (CIP) and click **save.** By clicking the save button, the user is saving the new project into the CIP database. Scroll over the circled icon to the right of the text box for a brief description of information to include in the textbox for project name.



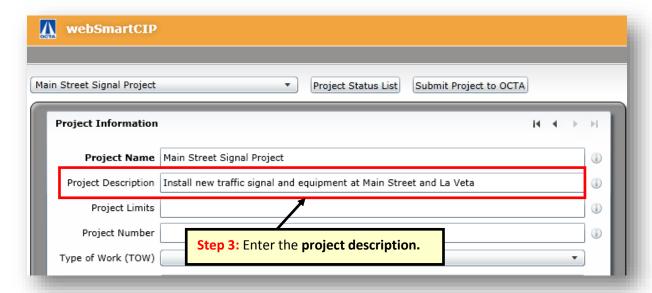


The project name is the <u>minimum</u> requirement needed to save a new project or an error message will appear as illustrated below:



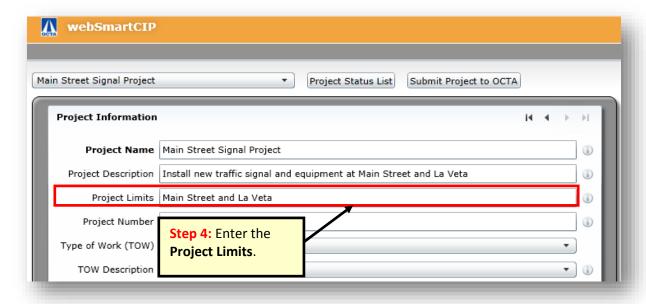
Project Description

Provide a summary description of the project. Scroll over the circled icon for a brief description of information to include in the textbox for the project description.



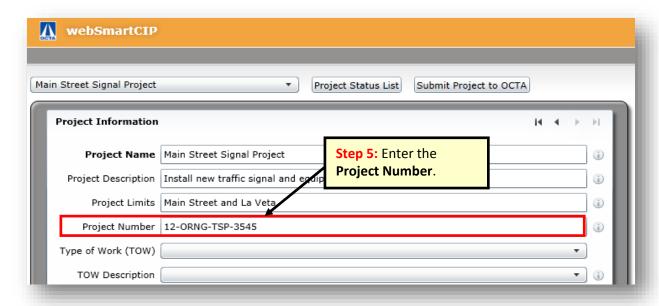
Project Limits

Enter the project limits/location. Scroll over the circled icon for a brief description of information to include in the textbox for the project limits. Enter the project location to the nearest cross streets in the text box. If cross streets are not applicable, then describe the boundary of an area such as "citywide" or "city limits".



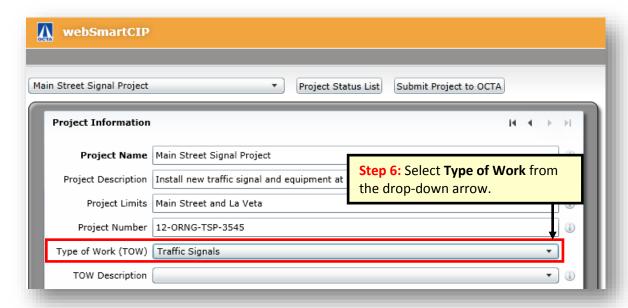
OCTA Project Number

Include the OCTA project number, if applicable. The OCTA Project Number is the CTFP project number and refers to an OCTA-approved project. If the project is not funded, it will not have the OCTA Project number and the user can enter **N/A**. Scroll over the circled icon for a brief description of information to include in the textbox for the project number.



Type of Work

Select the "Type of Work" that best represents the project. Click on the drop-down button to display the list of possible entries for this field and select the appropriate field related to the project. If project type of work is not available on the drop-down list, select "Other".

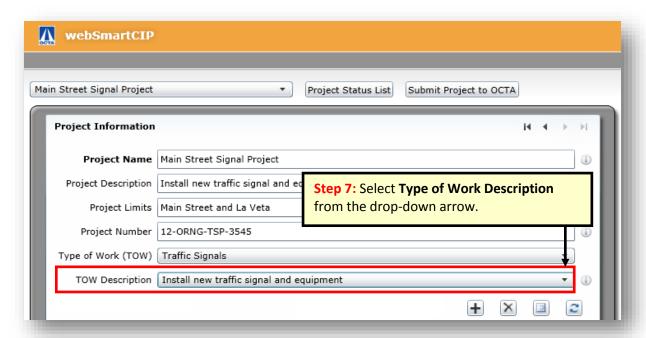


List of Type of Work:

- Administration
- Aesthetics
- Bikeways
- Bridge
- Bus Stops
- Demand Management
- Environmental Cleanup
- Interchange
- Intersection
- New Facility
- Other
- Pedestrian
- Road Maintenance
- Road Widening
- Safety
- Smart Streets
- System Management
- Traffic Signals
- Transit
- Transportation Planning

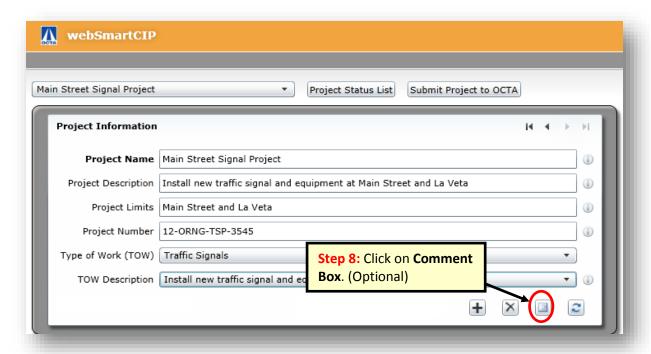
Type of Work Description

Select a "Type of Work Description" that further describes the project. Click on the drop-down arrow button to display the list of possible entries for this field and select the appropriate field related to the project.



Comments

Click on the Comment box button to add project notes. These notes will not appear in the printed reports, and are used to foster communication between local agencies and OCTA as well as aid overall administration.



A window will appear to enter project notes as illustrated below.



Estimated Costs

Enter the estimated cost of engineering (E), right of way (R), construction/ implementation (C/I), and operations & maintenance (O&M) phases for each fund type based on annual allocations or an annual program in current year dollars.

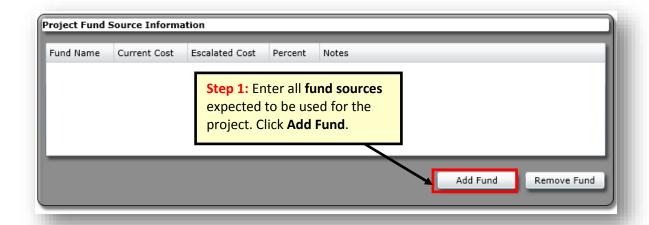
The escalation cost is automatically calculated after the estimated costs are entered. The escalation formula is based on factors used for Comprehensive Transportation Funding Programs (CTFP) funding and is updated annually within the software. Right of way and construction costs are escalated; engineering costs and operations & maintenance are not escalated.



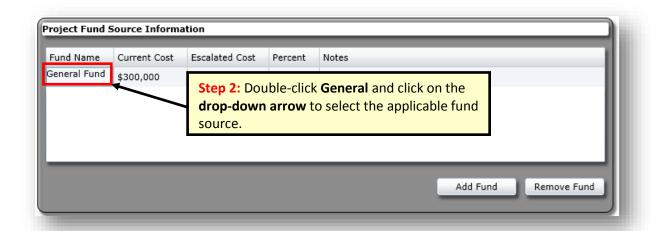
Fund Sources & Estimated Costs

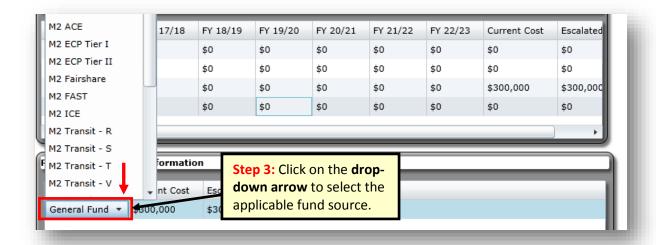
Add Fund Sources & Estimated Costs

Enter all fund sources expected to be used for this project and indicate the dollar amount for each fund type. Click **Add Fund**.

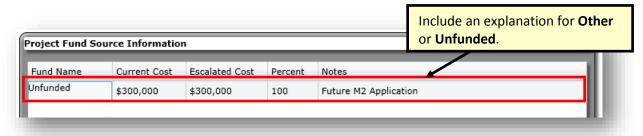


When you add funds, the system defaults to **General Funds**. To select a different fund, double click on the General fund and a drop-down arrow will appear. Click on the drop-down arrow button to select the fund source from the list.





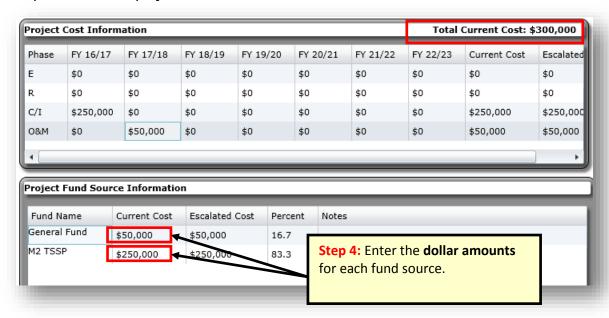
If a fund source is listed as **Other** or **Unfunded**, an explanation is required in the Notes box.



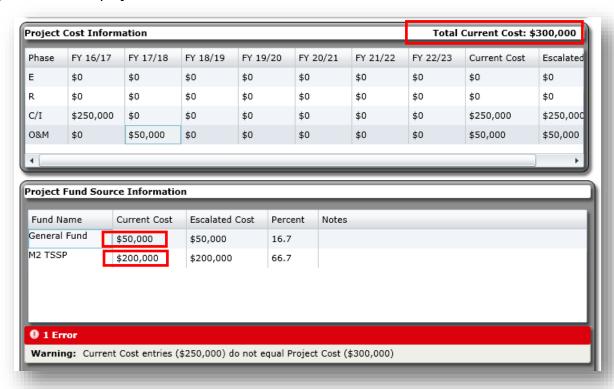
List of Fund Sources and Descriptions

Fund Source	Fund Name
AB2766	State AB2766
Agency Contribution	Agency Contribution
AHRP	Arterial Highway Rehabilitation Program
Another Agency	Other Agency Contribution
AQMD	Air Quality Management District
ATP	Active Transportation Program
BCIP	Bicycle Corridor Improvement Program
CDBG	Community Development Block Grant
CMAQ	Congestion Management Air Quality
Developer	Mitigated Obligation
Gas Tax	City Gas Tax Subventions
General Fund	General Funds
HBRR	Highway Bridge Reconstruction & Rehabilitation
HSIP	Highways Safety Improvement Program
Impact Fees	Traffic Impact Fees
M2 ACE	M2 Arterial Capacity Enhancements
M2 ECP-1	M2 Environmental Cleanup Program Tier I
M2 ECP-2	M2 Environmental Cleanup Program Tier II
M2 FAST	M2 Freeway Arterial Streets Transitions
M2 ICE	M2 Intersection Capacity Enhancements
M2 LFS	M2 Local Fair Share
M2 Transit - R	M2 High Frequency Metrolink Service
M2 Transit - S	M2 Transit Extensions to Metrolink
M2 Transit - T	M2 Metrolink Gateways
M2 Transit - V	M2 Community Based/Transit Circulators
M2 Transit - W	M2 Safe Transit Stops
M2 TSSP	M2 Traffic Signal Synchronization Program
Other	Other
Prop 42	State Sales Tax on Gas
SB1	Senate Bill 1
Sect 5307	FTA Section 9
SLPP	State Local Partnership Program
STIP	State Transportation Improvement Program
TEA	Transportation Enhancement Activities
TIGER	Transportation Investment Generating Economic Recovery
Unfunded	Unfunded/Unknown

The user must enter the dollar amounts for each fund source. The percentages will be calculated automatically. The total current cost from the project cost information section must equal the total provided in the project fund source information section.

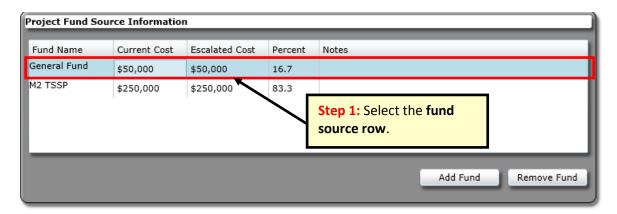


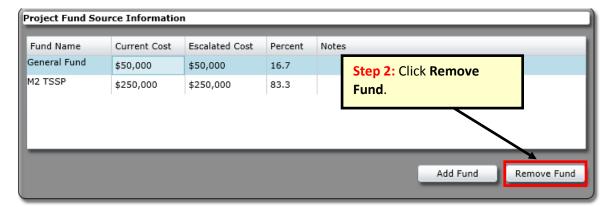
An error message will appear if the dollar amounts entered do not equal the total current cost provided in the project cost information section.



Remove Fund Source

To remove a fund source, select fund row first and click remove fund.





If the user does not select the fund row prior to clicking **Remove Fund**, an error message will appear as illustrated below:



Maps

Icons

Agencies are required to add the project to the map. Instructions on how to add a project to the map begin on page 27. The map icons and descriptions are listed below for reference.

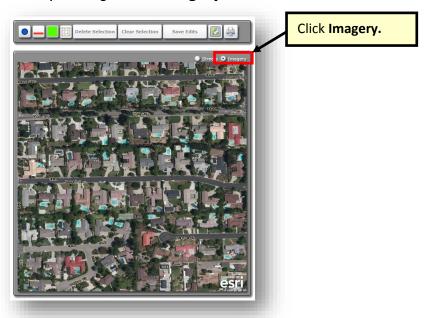
Icon	Icon Description
•	Select blue dot to add point shape to the map.
_	Select red line to add a line shape to map.
	Select green square to select an area on the map.
	Select city-wide button to designate city-wide project.
Delete Selection	To delete a shape, select the shape first, and then click delete selection.
Clear Selection	To clear a shape selection, click clear selection.
Save Edits	Click Save Edits to save changes (new or deleted) to the project shapes on the map.
	Click to zoom to the boundary of the user's agency.
	Click Print button to print project map including project name, description, limits, and project type.

Views

The map can be viewed as satellite imagery or as a street map (default) by selecting a type on the map.

Imagery Map

Satellite imagery can be viewed by clicking on the **Imagery** button.



Street Map

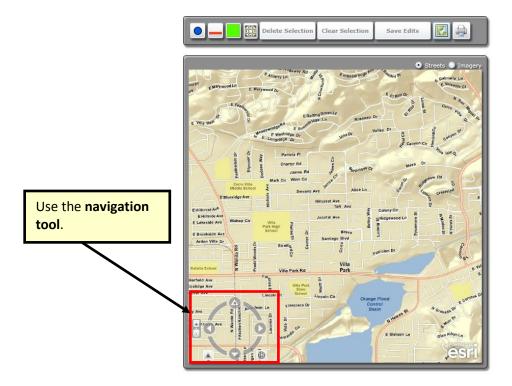
Street map is the default view. To return to the street map from an imagery map view, click the **Streets** button.



Zoom-In & Zoom-Out

The user can zoom-in or zoom-out by:

1) Using the navigation tool in the lower left hand corner of the map. To activate the tool, the user moves the cursor over it. The user can zoom in (+) or zoom out (-), pan (four arrows), pivot map (clicking on larger circle and turning it).

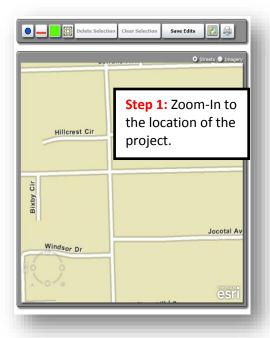


- 2) Zooming in on the map by pressing the shift button and drawing a box on map. To zoom out, press shift and control at the same time and draw a box on the map.
- 3) Scrolling the mouse wheel upward to zoom in and scrolling the mouse wheel downward to zoom out. To scroll the map to the left or right, the user can press and hold the left mouse button and drag the cursor in the desired direction on the map.

Add a Project to the Map

Add a Blue Point

A blue point can be used to show the location of a project (i.e., traffic signals, intersection, interchange or environmental projects, etc.). Save Edits must be clicked in order to save the shape to the project.









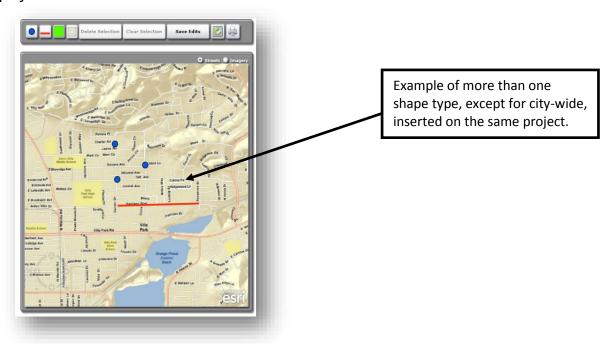
Add a City-wide Project

If a project is a city-wide project, click on the city-wide button below. City-wide button is the only button that does not require the user to click Save Edits.





The user cannot select other shapes and the city-wide button on the same project. However, the user can insert more than one shape type, except for city-wide, simultaneously on the same project.



Add an Area (Green Square)

If a project is located in a region, add an area to the map. (i.e., parcels, study areas, communities, etc.) To draw the project area, the user must click once at every corner and twice to complete the shape. Save Edits must be clicked for the project area to be saved to the project map.



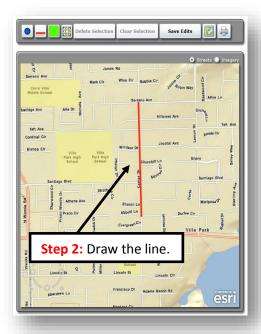




Add a Line (Red Line)

If a project has a specific route or includes several streets, add a line on the map. (i.e., corridor projects, roadways, arterial projects) To draw a line, the user must click once at the beginning of the line and twice at the end of the line when the line is complete. To change line directions, click once. Save Edits must be clicked for the line to be saved to the project map.







Delete a Shape

To delete a shape, click on the shape and the shape color changes to cyan. Click Delete Selection and then Click Save Edits to delete the shape from the project.







Clear Shape Selection

The clear selection button is used when a shape is selected, and the user would like to de-select the shape. The shape color changes from cyan to the default color.

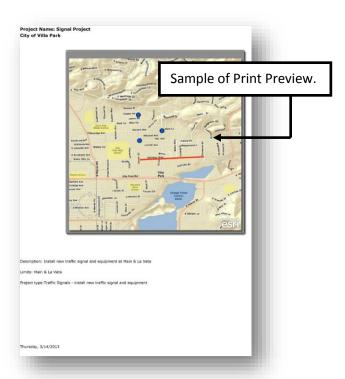




Print a Map

The user can print a map for a specific project that lists the project name, project limits, project type, and other information. To print, click on the print button as illustrated below:

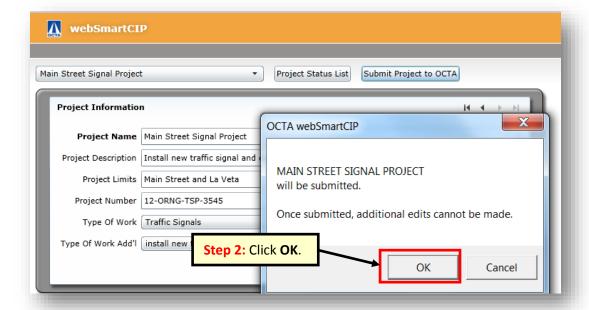




Submit Project to OCTA

Once all the information has been verified for accuracy and completeness, the agency is ready to submit to OCTA for approval. Each project is submitted to OCTA separately. After clicking **Submit Project to OCTA** and **OK**, the project is submitted and the user cannot make additional edits.



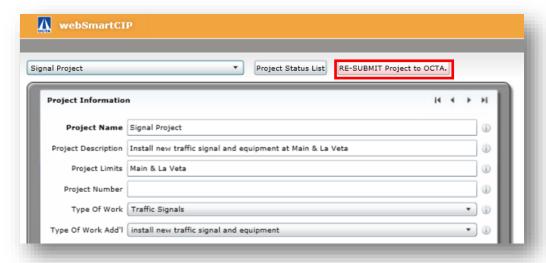


A message box will appear to confirm that the project has been submitted. Once a project has been submitted to OCTA, changes cannot be made to the existing data entry record.



Submit project to OCTA (cont.)

In the case that an agency needs to revise a submitted project, the agency must contact OCTA staff in order to re-open the data entry record for edits and the agency must re-submit the project to OCTA for approval.

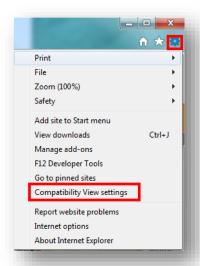


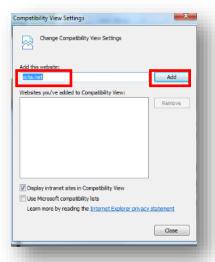
Common Error Messages

Compatibility Error Message

While using internet explorer, an error message may appear if octa.net is not a registered website under Compatibility View settings. To eliminate the error message, click on settings then click on Compatibility View Settings. Under add website, type **octa.net** and click Add.

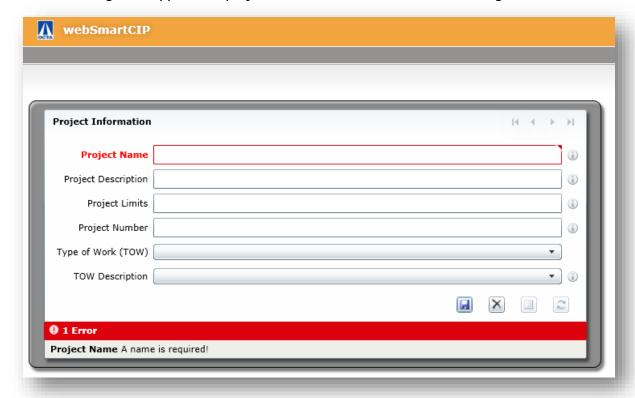






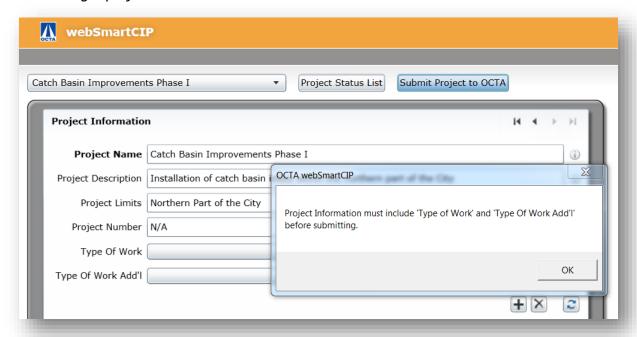
Project Name Error Message

An error message will appear if a project name is not entered before clicking save.



Type of Work Error Message

An error message will appear if a type of work and type of work description are not selected prior to submitting a project to OCTA.



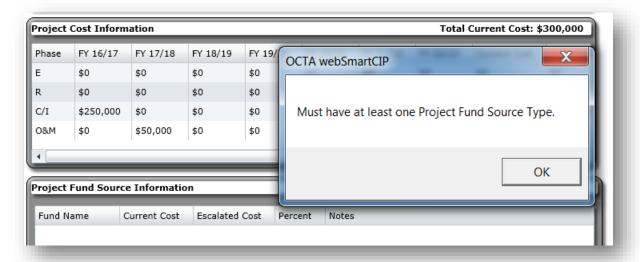
Remove Fund Error Message

An error message will appear if a fund source row is not selected before clicking **Remove Fund**.



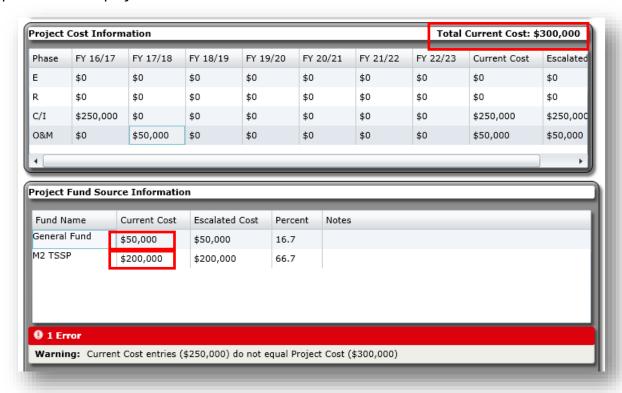
Fund Source Type Error Message

When submitting a project, an error message will appear if at least one fund source type is not included.



Fund Source Total Error Message

An error message will appear if the dollar amounts entered do not equal the total current cost provided in the project cost information section.



Map Error Message

When submitting a project, an error message will appear if the project has not been added to the map.

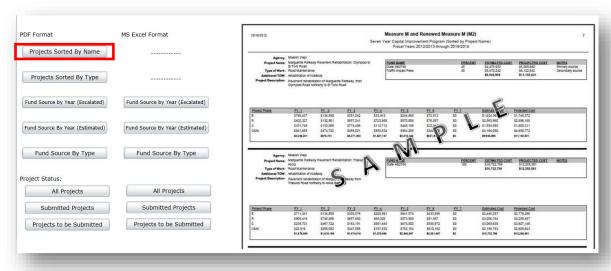


Reporting

There are several reports that can be generated and printed from the Web Smart CIP, and include:

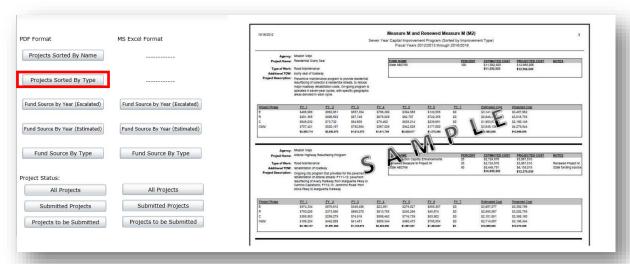
Projects Sorted by Name

This report will be submitted to OCTA as part of the eligibility package in June. A preview **sample** of the report (in this case, the Projects Sorted by Name report) will display on the right when the user hovers over the **Projects Sorted by Name** button.



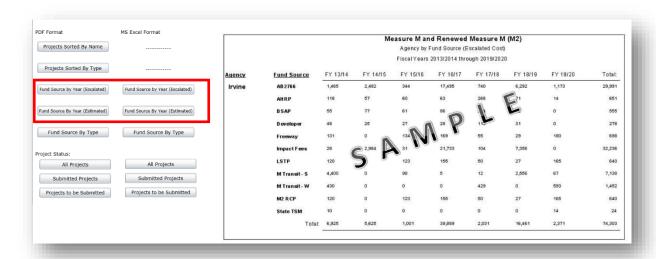
Projects Sorted by Improvement Type

This report can be used to list the CIP projects by the improvement type. A preview **sample** of the report (in this case, the Sorted by Type report) will display on the right when the user hovers over **Projects Sorted by Type** button.



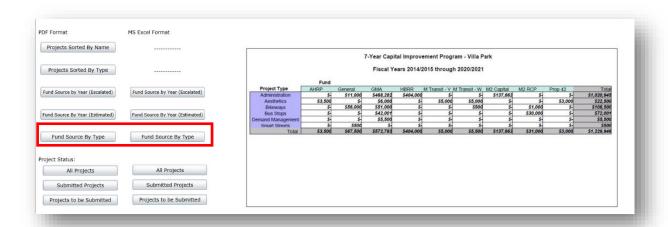
Fund Source by Year

This report can be used to provide a summary table of fund sources and dollar amounts by fiscal year. A preview **sample** of the report (in this case, the Fund Source by Year report) will display on the right when the user hovers over **Fund Source by Year** button. This report can be provided in estimated or escalated dollars and can be downloaded into an Excel or PDF format.



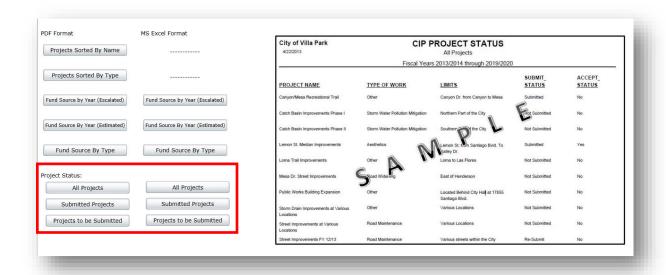
Fund Source by Improvement Type

This report can be used to provide a summary of fund source by improvement type. A preview **sample** of the report (in this case, the Fund Source by Improvement Type report) will display on the right when the user hovers over **Fund Source by Type** button. This report can also be downloaded into an Excel or PDF format.



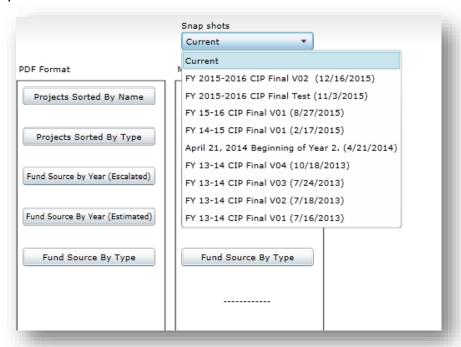
Project List Status

The project status list can be used by an agency as a checklist to determine all the projects in the CIP that must be submitted to OCTA. A preview **sample** of the report (in this case, the Project List Status report) will display on the right when the user hovers over Project List Status button. This report can be downloaded into an Excel or PDF format.



Snapshot Function

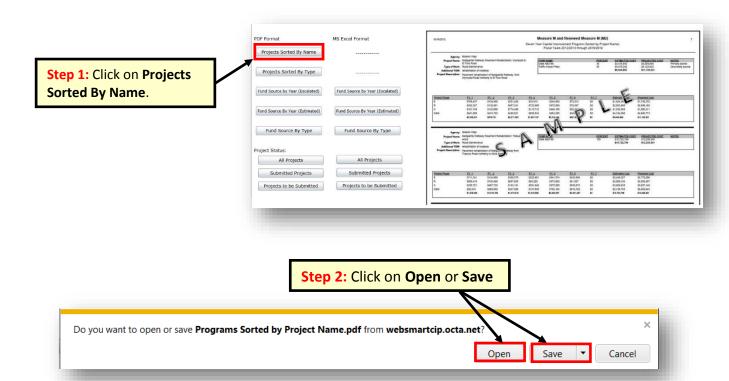
The snapshot functions allows the local agency to run reports on the existing database or previous cycles.



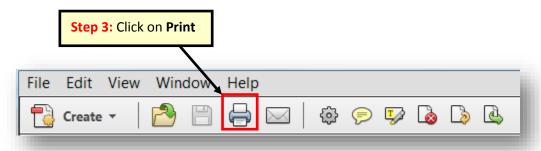
Submitting the CIP

Prepare CIP Submittals as follows:

1. Print a copy of the report titled **Projects Sorted by Name** under the **Report Page**. To print a copy of the report, click on Projects Sorted by Name. The user can open and/or save the Report.



Tip: Open/Save option box not popping up? Hold down the Ctrl button as you click on the Projects Sorted by Name button.



- 2. Include **Projects Sorted by Name Report** and council adoption of 7-Year CIP with eligibility package submittal.
- 3. Submit to OCTA.

Orange County Transportation Authority P.O. Box 14184
Orange, CA 92863-1584

Orange County Transportation Authority 600 South Main Street Orange, CA 92868 (For Fed-Fx Only)



