

EEBACS USER GUIDE 1.0

Appendix H: Construction

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TABLE OF CONTENTS

	Page
H.1 Supporting Documents Feature	H-2
H.1.1 Adding Files to EEBACS	H-2
H.1.2 View Attached Files in EEBACS	H-4
H.1.3 Save Changes Made While Viewing.....	H-5
H.1.4 Save Copy of EEBACS File.....	H-7
H.1.5 Deleting Attached Files from EEBACS.....	H-9
H.2 Work Activity Template Tool	H-11
H.2.1 Using an Existing Template on a Daily Reports.....	H-11
H.2.2 Create a New Template from a Daily Report Activity	H-14
H.2.3 Create a New Template or Edit an Existing Template using the Template Tab ...	H-15

H.1 Supporting Documents Feature

The “Supporting Documents” feature shown on many screens allows electronic files to be attached to the EEBC system. This allows for data to be stored for use by all parties within EEBCs instead of in separate hardcopy locations. The system uploads a copy of the electronic file from your computer to that specific page. The EEBC files are stored in the same format as the copied original. Once stored in EEBCs the file cannot be edited. The electronic file saved in EEBCs is stand alone and not linked to any specific computer or any changes made to the original file later.

Users may open a file and it may appear to make changes but it will not be saved in EEBCs. Instead the system will ask if you would like to save a copy of the changed document to your computer. The electronic file saved in EEBCs is stand alone and not linked to any specific computer or any changes made to the file later.

File types that can be uploaded to EEBCs include Word documents, Excel, PDF, scans, and pictures. If an item is uploaded to EEBCs, it is viewable by all people that have rights to view that tab. No sensitive, private, or personal information should be uploaded to EEBCs.

Only add documents that are directly relevant to that specific page (i.e. do not add every photo taken for a particular day, only photos critical to the described issue or to document a specific changing condition. General photo records including all photos should be kept outside of EEBCs according to Division procedures.)

H.1.1 Adding Files to EEBCS

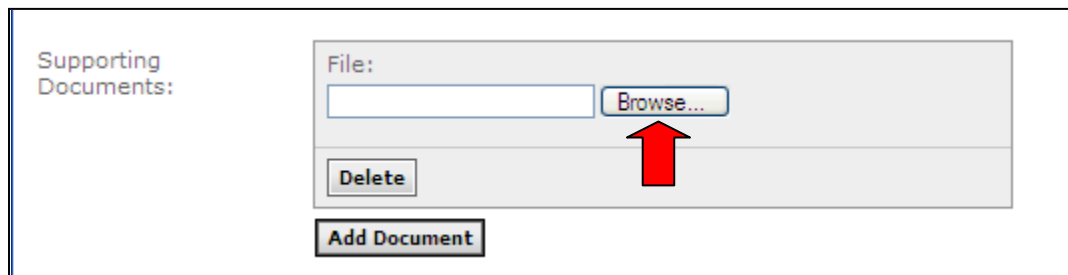
Find the Supporting Documents section on the page you are using. Many but not all of the entry pages have this section.

- Click the “Add Document” Button



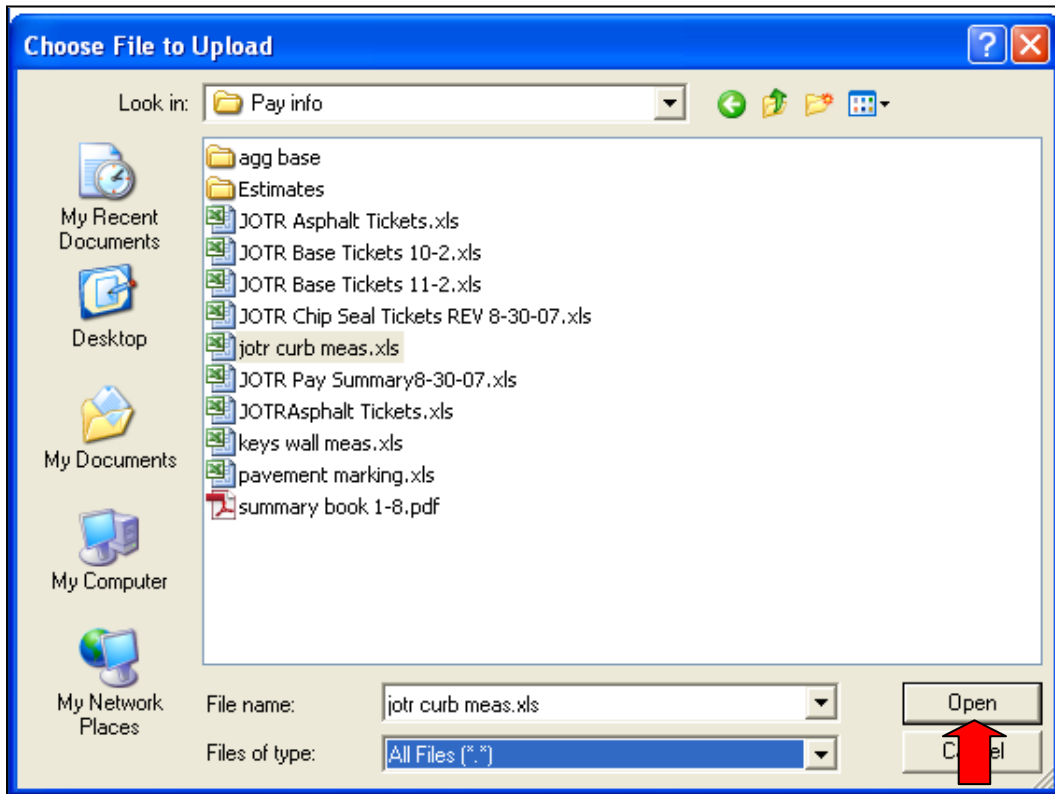
This will open up a dialog box to search and select the file from the computer you are on.

- Click the “Browse” button



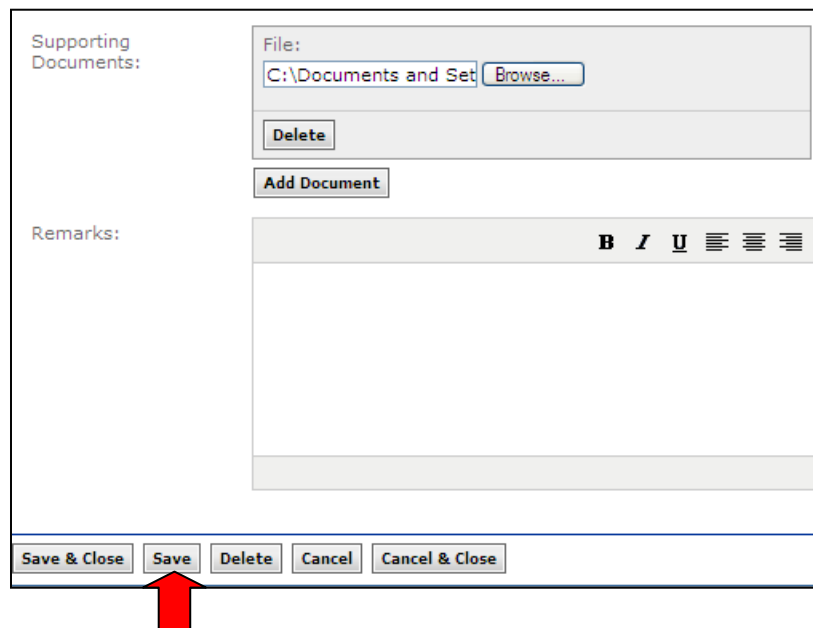
Using the popup dialog:

- Select the file you wish to attach to the EEBACS page.
- Click the “Open” button



The Document is now ready for attachment. If you cancel or close this page without saving the file will not be saved.

- Click “Save” button



The page will save and refresh to show the file now attached and available as a link. Additional files may be added using the process previously described.

Supporting Documents:

File Name:
[jotr curb meas.xls](#)

Delete

Add Document

H.1.2 View Attached Files in EEBACS

Find the page with the document you wish to view. The document files available to view on this page will show as an underlined links in the File Name box.

Supporting Documents:

File Name:
[jotr curb meas.xls](#)

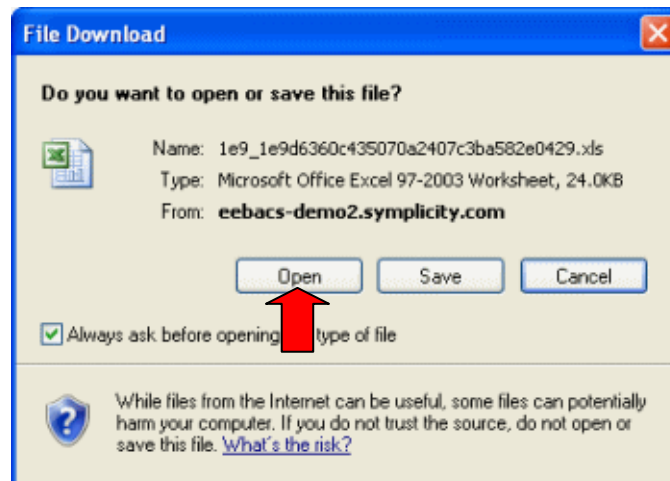
- Click the filename link for the file you wish to view

Supporting Documents:

File Name:
[jotr curb meas.xls](#)

A dialog box will open promoting you to open the file (view) or to save a copy of the file to your computer.

- Click "Open" button.



The file will open in the original program in another window. The original EEBACs page you were on will still be open in another window. You can now View & Print the file as needed.

	A	B	C	E	F	G	H	I	J	K	L	M	N
1	CA PRA JOTR13(1) Keys View Road			60901X Concrete curb , 375 mm									
2													
3	Meas by Bob, Larry, Lorell 10/9/07			Meas. by Lawrence, Larry, Lorell 10/16/07									
4	Left			Right									
5	Section	Sta	Length		Section	Sta	Length						
6	1	28+545	197.8		1	28+720	31.6						
7	2	28+420	126.0		2	28+295	423.0						
8	3	28+290	877.5		3	28+240	54.5						
9	4	27+530	56.3		4	28+195	43.0						
10	5	27+475	177.0		5	28+130	61.7						
11	6	27+180	117.0		6	27+900	232.0						
12	7	27+080	90.5		7	27+252	639.5						
13	8	26+900	186.2		8	27+000	248.3						
14	9	26+895	135.6		9	26+960	51.5						
15	10	26+762	26.8		10	26+530	427.0						
16	11	26+735	57.5		11	26+478	53.3						
17	12	26+678	101.5		12	25+990	486.0						
18	13	26+570	284.8		13	25+810	181.4						

H.1.3 Save Changes Made While Viewing

If you make changes while viewing a file attached in EEBACs you have the option to save a revised version of the file to your computer. There is no way to directly overwrite the old version in EEBACs.

Therefore while viewing a file, make all the changes you would like using the standard tools available in that application. When you are ready to save the file with changes to your own computer:

- Click the "x" to close the window

A dialog box will appear asking if you want to save a copy of the file with changes.

- Click "Yes".

The screenshot shows a Microsoft Excel spreadsheet with the following data:

Section	Sta	Length	Section	Sta	Length
1	28+545	197.8	1	28+720	31.6
2	28+420	126.0	2	28+295	423.0
3	28+290	877.5	3	28+240	54.5
4	27+530	56.3	4	28+195	43.0
5	27+475	177.0	5	28+130	61.7
6	27+180	117.0	6	27+900	232.0
7	27+080	90.5			
8	26+900	186.2			
9	26+895	135.6			
10	26+762	26.8			
11	26+735	57.5			
12	26+678	101.5	12	25+990	486.0

A dialog box titled "Microsoft Office Excel" is displayed in the foreground, asking: "Do you want to save the changes you made to 'view.php'?" with "Yes", "No", and "Cancel" buttons. A red arrow points to the "Yes" button.

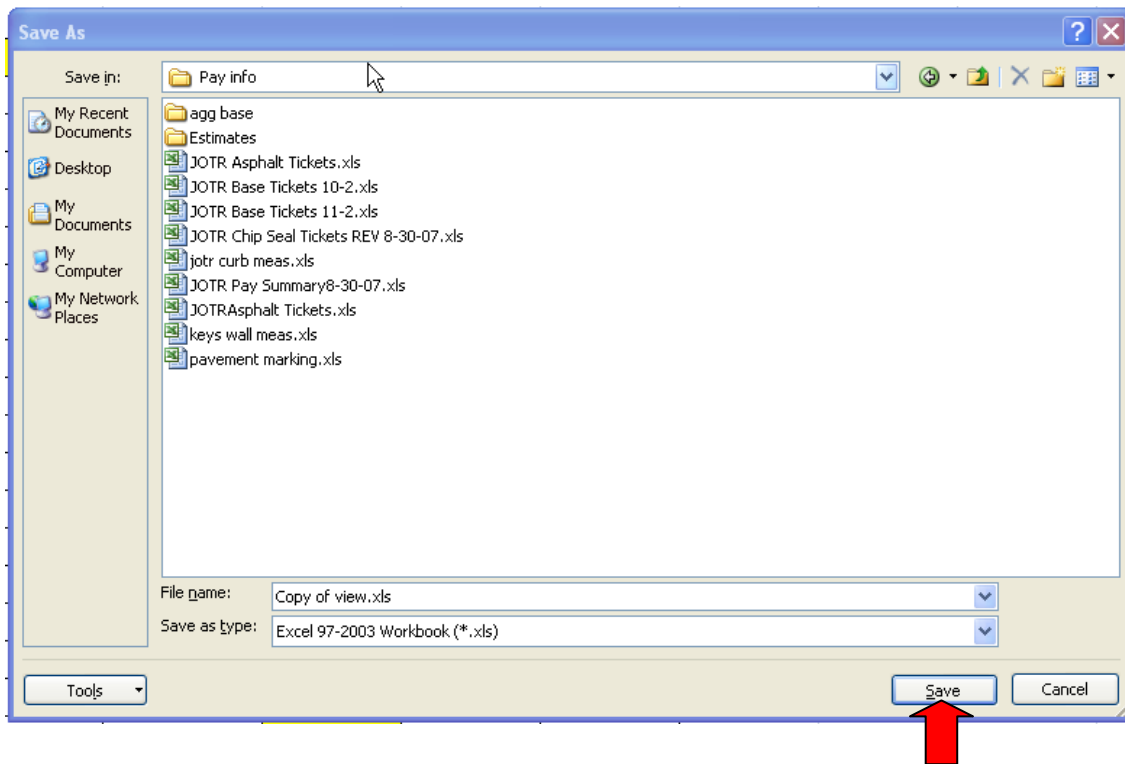
The next dialog will remind you that the EEBACS file is read only and the document will need to be saved as a copy on your own computer.

The screenshot shows a close-up of the spreadsheet data and a dialog box:

4	28+195	43.0			
5	28+130	61.7			
6	27+900	232.0			
11	26+475	177.0			
12	25+990	486.0			

A dialog box titled "Microsoft Office Excel" is displayed, containing the message: "'view.php' is read-only. To save a copy, click OK, then give the workbook a new name in the Save As dialog box." with an "OK" button. A red arrow points to the "OK" button.

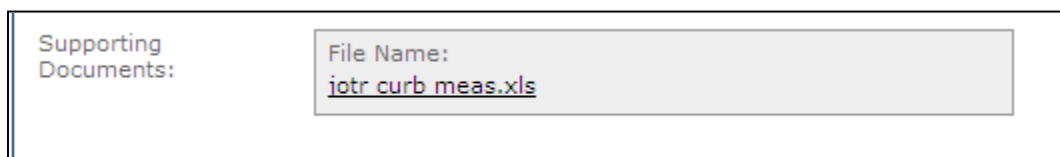
- Click “ok”. The standard ‘Save As’ box will appear.
- Select the location and enter the name of the file you would like to save.
- Click “Save”.



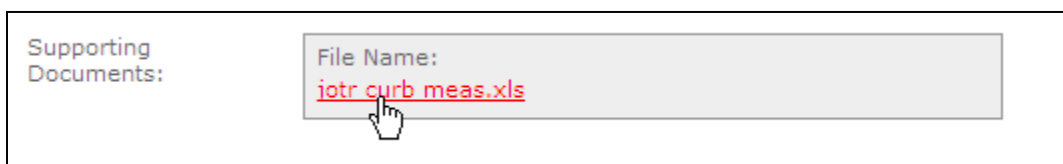
The file with changes is now saved to your computer. The original file in EEBACS remains unchanged.

H.1.4 Save Copy of EEBACS File

Find the page with the document you wish to save off of EEBACS. The document files available to save on this page will show as an underlined links in the File Name box.

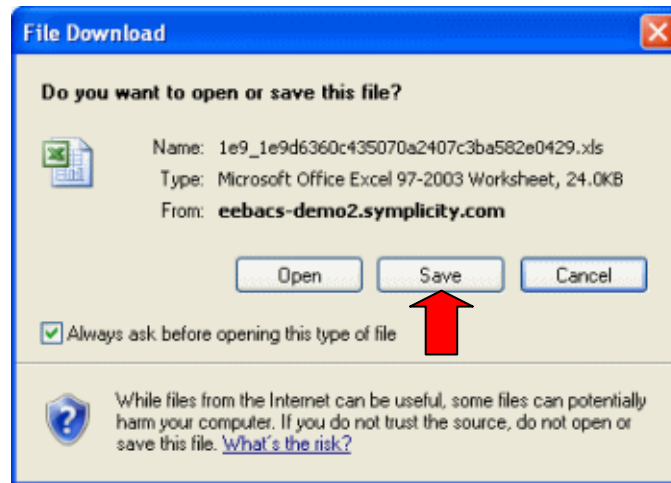


- Click the filename link for the file you wish to save



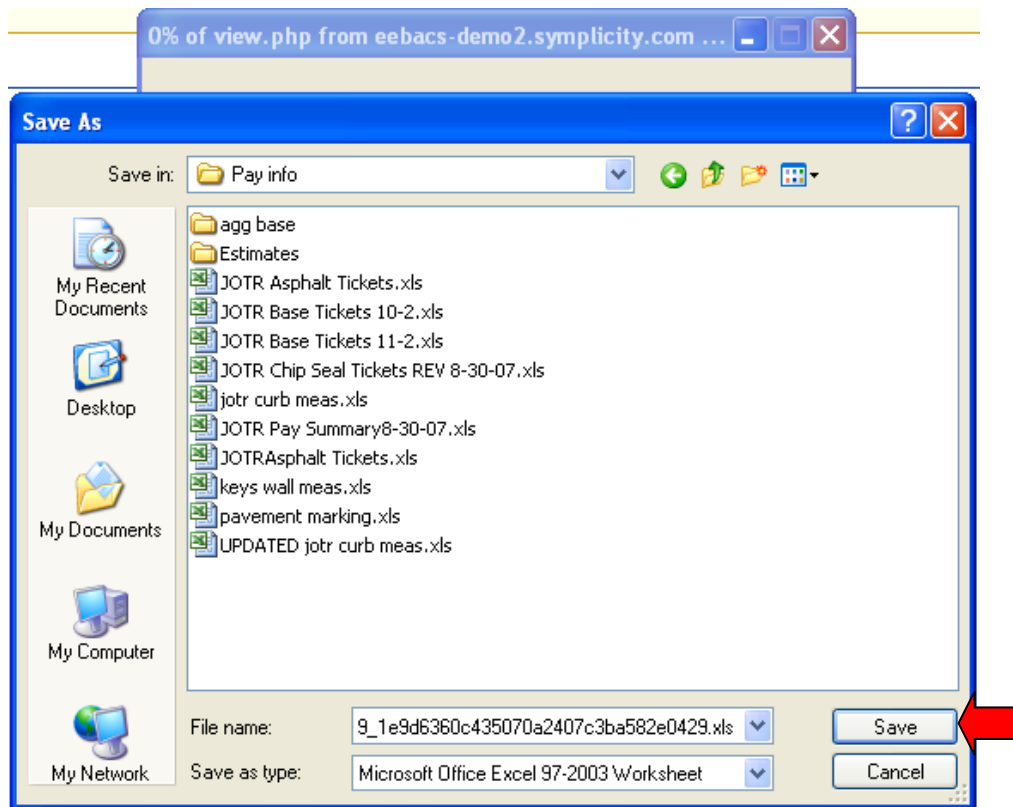
A dialog box will open promoting you to open the file (view) or to save a copy of the file to your computer.

- Click the “Save” button

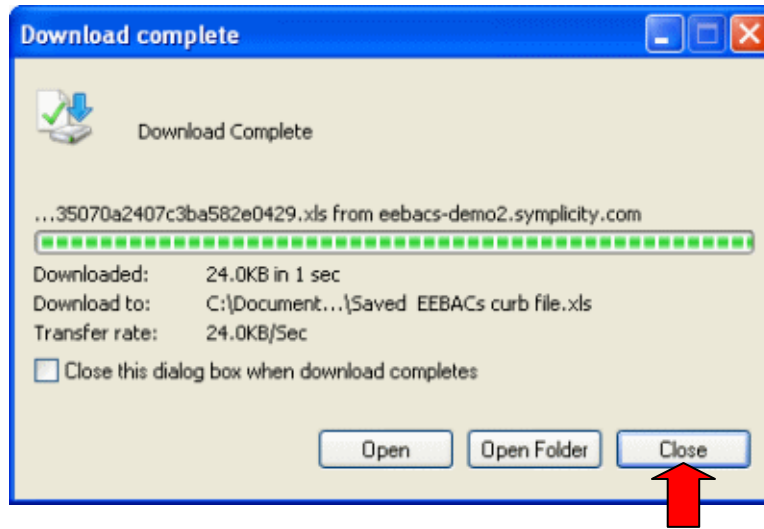


This will open a dialog where you can choose the location to save the file and the name to save it as.

- Select the location on your local computer to save the file.
- Enter the name you want the file to be saved as
- Click “Save”.



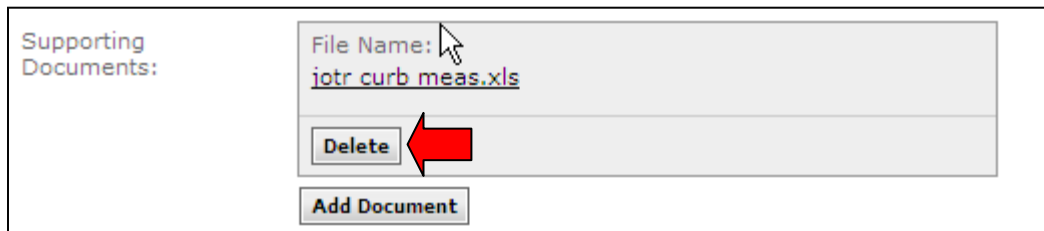
The file will now download and show the progress. When download is complete; close the dialog box.



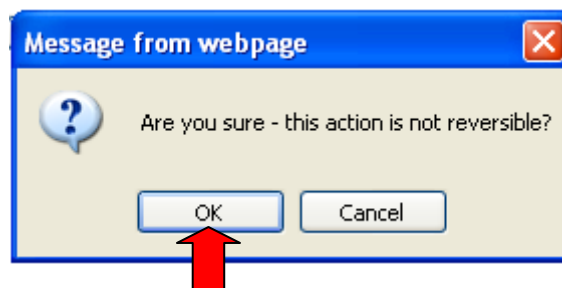
H.1.5 Deleting Attached Files from EEBACs

If you have attached a file in error or it is no longer needed, you can remove the file from EEBACs. You must have the ability to edit the page where you want to delete the file. If you do not have the edit right for that page, contact the person who does (ex. IDR creator) so they can remove the file.

Go to the Edit tab for the page where you would like to delete the file.



- Select the "Delete" button for the file you wish to remove. A warning will appear reminding you this is permanent action.
- Click "ok".



The document is no longer listed.

- Click "Save". The document has been removed from the page.

Supporting Documents:

Remarks: **B** *I*



H.2 Work Activity Template Tool

While creating Daily Reports you may use the work activity template tool. This is an unique time saving tool that allows users assigned to a project to create a work activity template that includes a variety of details and then saves it for reuse for themselves and for others. Since many activities are performed regularly on a project, the template saves users having to reenter all the common information so they only need to update or fill in what items are changing. Templates are specific to a project.

A template is basically a work activity information block that has been partially filled in and saved for use in future daily reports. The template may include any combination of work activity fields. It is recommended that the description field always be included in the template and that specific production time, idle time, and idle codes are not included in templates. The location may be filled in if it is a static location (Miller Gravel Pit) or you may just establish a format (M.P. to M.P.). Remember that all information included in the template will be copied to the daily report when it is selected - consider what is unchanging, what is variable, and what is helpful formatting when creating the template. Users may edit all information that is copied from a template but those changes will not automatically update the template. Templates may be edited the Templates tab.

Templates may be created by any member of the project team that can create daily reports. All templates are shared to all team members. If templates are used, it can assist with uniform reporting format even if the reporting person changes (ex. the description would always be worded the same). Templates can also assist to insure that no equipment or labor are overlooked for an activity. If templates are carefully created to include all the typical crew and crew's equipment, it will be more likely that each day the production time and idle codes will be documented rather than over looking an item.

Use of templates is not required and the use of a template still requires the reporting person to include, verify, and update all information. It is intended to be a time saving and data standardization tool.

First, this appendix will explain how existing templates are used when creating a daily report & then it will explain the different methods for creating new templates.

H.2.1 Using an Existing Template on a Daily Reports

Most commonly new users will first use templates created by others and then eventually start creating new ones as needed. Start a daily report normally. When you get to the work activities section:

- Click on the drop down arrow under "Copy from Template".

This will show you all the templates available for use in this project. The Templates are shown first by the template name & then by the creator of the template.

- Select a template from the drop down list to use on this work activity.

Daily Report

Type*: IDR CDR

Contractor/SubContractor*: Lego Builders (Contractor),Millionaire Corp

Date*: 09-15-2011

Shift Start*: 07

Shift End*: 04

Weather/Temperature: Sunny, Clear 56/27

Amount of Precipitation: 00

Work Activities

Work Activity #1

Work Activity Code*:

Location*:

Description*:

Work Activity Pay Items:

Labor:

Classification *	Number *	Production Time (hrs) *	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Delete"/>

Equipment:

Labor Total: \$0.00

Equipment Total: \$0.00

Work Activities

Work Activity #1

Work Activity Code*: A

Location*:

Description*: Silk Fence Installation - created by Lorell K. Duteil
Pilot Car & Flagger setup for OLR - created by Lorell K. Duteil

Work Activity Pay Items:

Labor:

Classification *	Number *	Production Time (hrs) *	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Delete"/>

Equipment:

Labor Total: \$0.00

Equipment Total: \$0.00

You can only use one template on each work activity. After you select a template, the screen will update with the saved information from the template and you can then fill in the rest of the work activity information.

Work Activities

Work Activity #1

Work Activity Code*: A

Location*:

Description*: Pilot Car & Flagger setup for OLR - created by Lorell K. Duteil

Work Activity Pay Items:

Labor:

Classification *	Number *	Production Time (hrs) *	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Delete"/>

Equipment:

Labor Total: \$0.00

Equipment Total: \$0.00

The template chosen in this example includes the activity description, pay item, typical labor and equipment with quantities, and the desired formatting for the location. Only information include in the template will be populated. If that information was not included, it will be blank when the template copies to your daily report.

Work Activities

Work Activity #1

Work Activity Code*: Save as Template

Location*: Lane Closed Sta. to

Description*:
Close one lane & run pilot car with flaggers on each end. 15min max delays.

Work Activity Pay Items:
A0560: 63509-1000 N TEMPORARY TRAFFIC CONTROL, FLAGGER

Labor:

Classification*	Number*	Production Time (hrs)*	
Flagger	2	0	Delete
Pilot Car Driver	1	0	Delete

Add Labor

Labor Total: \$0.00

Delete

Add Work Activity

Equipment:

Type*	Number*	Production Time (hrs)*	Idle Time (hrs)*	Idle Code	
Pickup Toyota 2wd	1	0	0		Delete

Add Equipment

Equipment Total: \$0.00

- Complete the rest of the activity information as you would regularly.

You can make changes, add or delete items, or fill in information as needed including a work activity code. The template has not changed and is available for you or others to use again.

Work Activity #1

Work Activity Code*: A Save as Template

Location*: Lane Closed Sta. 1+50 to 4+25 RT

Description*:
Close one lane & run pilot car with flaggers on each end. 15min max delays.

Work Activity Pay Items:
[select] clear
A0560: 63509-1000 N TEMPORARY TRAFFIC CONTROL, FLAGGER

Labor:

Classification*	Number*	Production Time (hrs)*	
Flagger	2	9.5	Delete
Pilot Car Driver	1	09.5	Delete

Add Labor

Labor Total: \$0.00

Delete

Add Work Activity

Equipment:

Type*	Number*	Production Time (hrs)*	Idle Time (hrs)*	Idle Code	
Pickup Toyota 2wd	1	09.5	0		Delete

Add Equipment

Equipment Total: \$0.00

Additional work activities can be added normally. For each activity you then have the option to manually fill-in the information or use a template. A template can be used in multiple activities for the same report if needed (ex. There are 2 lanes closures on the project). Finish and submit the daily report normally.

H.2.2 Create a New Template from a Daily Report Activity

When a user is creating a daily report, they may decide that the activity is going to be repeated frequently and the information is worth saving for reuse. The user may complete the activity either partially (suggested) or completely before saving it as a template.

To create a template, fill in a work activity as much or little as needed.

The screenshot shows a 'Work Activity' form with the following fields and tables:

- Work Activity Code*:** E, Save as Template
- Description*:** Install decorative boulders. Load boulders in pit. Tandem haul & dump at placement location. Excavate, place, and grade around boulder.
- Location*:** Sta. to Sta.
- Work Activity Pay Items:** A0180: 25125-0000 N BOULDER
- Labor Table:**

Classification*	Number*	Production Time (hrs)*	
General laborer	1	0	Delete
Backhoe Operator	1	0	Delete
Truck Driver CDL class A	1	0	Delete
- Equipment Table:**

Type*	Number*	Production Time (hrs)*	Idle Time (hrs)*	Idle Code	
Backhoe 350s #45-567	1	0	0		Delete
Tandem Dump	1	0	0		Delete
- Summary:** Labor Total: \$0.00, Equipment Total: \$0.00

When the activity is ready to save as a template:

- Click "Save" on the report, and a new option will appear at the top of the work activity to save the item as a template.
- Click the "Save as Template" box at the top of the selected activity.
- Click "Save" on the daily report again; the template will be created and available for use on other work activities or daily reports.

After the template is saved, the work activity can be completed the rest of the way without changing the template that was just created. You may notice that the Save as Template box appears again if you want to save a different version of the template.

This screenshot is similar to the previous one but highlights the 'Save as Template' checkbox with a red arrow. The checkbox is checked, and the text 'Save as Template' is visible next to it.

The next time you create a work activity you will see the new template is available on the drop down list. The template is automatically named based on the date created and the person who created it. The template name may be edited on the template tab.

The screenshot shows a form titled "Work Activity #2". It has a dropdown menu labeled "Copy From Template:" which is open, showing a list of templates. A red arrow points to the list. The list contains three entries: "New Template - Feb 01 2012 - created by Sam Central CCSManager", "silt fence - Aug 2009 - created by Marty Flores", and "H...base - created by Lorell K. Duteil". To the right of the dropdown is a "Location*" field and a "Work Activity" field with a "[select]" button.

H.2.3 Create a New Template or Edit an Existing Template using the Template Tab

Sometimes it may be desirable to create the template from the Template tab. One benefit of using the Template tab is that you are not including the information on a daily report while creating the template. You can also name the template while creating it rather than the generic auto naming convention used in the other method.

To create or edit a template:

- Go to the Templates tab under Daily Reports. You will see a list of all templates currently stored for this project.
- Click on "Add New". Templates can be edited on this tab in a similar manner as described here for creating a new template. Simply select the template's edit icon from the list of existing templates rather than "Add New" and then follow the instructions described here.

The screenshot shows the "Templates" tab in the software interface. At the top, there are tabs for "Project Info", "Design", "Acquisition", "Construction", "Team", and "Event Log". Below these are sub-tabs for "Core", "Contract Status", "Progress Payment", "SubContractors", "Labor/Equipment", "Daily Reports", "Daily Diary", "Claims", and "Contract Modifications". The "Daily Reports" sub-tab is active, and the "Templates" sub-tab is selected. The main area shows project information: "Project Number: KS CFL TEST 10(1)", "Project Name: CFL Construction test 9/30/10", "Contract Number: DTFH70-10-C-CFLTEST", and "States: KS". Below this is a table of templates with columns for "Actions", "Display Name", "Description", "Location", and "Created By". There are two templates listed. A red arrow points to the "Add New" button at the bottom left of the table.

Actions	Display Name	Description	Location	Created By
	Pilot Car & Flagger setup for OLR	Close one lane & run pilot car with flaggers on each end. 15min max delays.	Lane Closed Sta. to	Lorell K. Duteil
	Silt fence Installation	Dig trench by hand & with ditch witch. Install posts & silt fence with wire backing. Tamp & backfill fabric in trench.		Lorell K. Duteil

An input screen will open.

- Fill in each blank as needed with the information you want to show for the template.

The display name is the name that shows on the drop down list when you select a template from the daily report. The only two items required are the display name and at least 1 labor entry. Do not use the "Save Current Description" unless you will be making several templates with the similar descriptions.

Work Activity

Display Name*:

Location:

Description:

Save Current Description

Work Activity Pay Items:

[select]

	Classification*	Number	Production Time (hrs)
Labor:	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>	<input style="width: 100%; height: 20px;" type="text"/>
	<input type="button" value="Add Labor"/>		
Labor Total:	\$0.00		
Equipment:	<input type="button" value="Add Equipment"/>		
Equipment Total:	\$0.00		

Here is a completed template ready to be saved. Note that no date specific information is included.

- Click "Save & Close".

Work Activity

Display Name*:

Location:

Description:
 Save Current Description

Work Activity Pay Items:

Labor:

Classification*	Number	Production Time (hrs)	
Blade Operator Joe Carson	<input type="text" value="1"/>	<input type="text" value="0"/>	Delete
Roller Operator Maria Wilson	<input type="text" value="1"/>	<input type="text" value="0"/>	Delete
General Laborer	<input type="text" value="1"/>	<input type="text" value="0"/>	Delete

Labor Total: \$0.00

Equipment:

Type*	Number	Production Time (hrs)	Idle Time (hrs)	Idle Code	
Motor Blade Deere 345	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="text" value="0"/>		Delete
Smooth steel drum Roller Cat SX-54 22ton	<input type="text" value="1"/>	<input type="text" value="0"/>	<input type="text" value="0"/>		

Equipment Total: \$0.00

The template is now created and appears in the master list of project templates.

Project Info | Design | Acquisition | **Construction** | Account | Team | Event Log

Core | Contract Status | Progress Payment | SubContractors | Labor/Equipment | **Daily Reports** | Daily Diary | Claims | Contract Modifications

Existing Daily Reports | **Templates**

Project Number: KS CFL TEST 10(1) Project Name: CFL Construction test 9/30/10 Contract Number: DTFH70-10-C-CFLTEST States: KS

Actions	Display Name	Description	Location	Created By
	Grade subbase to blue tops	Final grade aggregate subbase course to blue top elevation. Laborer clears & resets blue tops as needed, motor blade is grading, and roller compacts a section when complete.	Sta. to Sta.	Lorell K. Duteil
	Pilot Car & Flagger setup for OLR	Close one lane & run pilot car with flaggers on each end. 15min max delays.	Lane Closed Sta. to	Lorell K. Duteil
	Silt Fence Installation	Dig trench by hand & with ditch witch. Install posts & silt fence with wire backing. Tamp & backfill fabric in trench.		Lorell K. Duteil

The template will also immediately be available to copy into a daily report.

Work Activity #2

Work Activity Code*:

Description*:

Silt Fence Installation - created by Lorell K. Duteil

Grade subbase to blue tops - created by Lorell K. Duteil

Pilot Car & Flagger setup for OLR - created by Lorell K. Duteil