

Reporting Information Related to Repaired or Replaced Attenuator/Crash Cushions

This document provides you the needed information for reporting of cost related to the repair or replacement of damaged Temporary Attenuator/Crash Cushions.

It is desired to document the type and numbers of temporary attenuators or crash cushions that are used within the Maintenance of Traffic for a contract.

This information will be captured using a DWR Template attached to the Daily Work Report done by project personnel.

Information collected will be the total quantity of each type attenuator/crash cushion and the total cost including 20% markup for the quantities reported.

Payment for this work will done in accordance with the Standard Specification and will be shown in SiteManager as a Line Item Adjustment as called for later in this document..

This document is divided into the following sections.

Associating DWR Templates to Contract Items

This section describes how to setup the contract in associating a DWR Template to the contract item. This has to be done before it will show up as available for use on the Daily Work Report.

How to use the Attenuator/Crash Warranty Repair Template

This section describes how to use the DWR Template that was associated to the contract item for reporting purposes on the Daily Work Report.

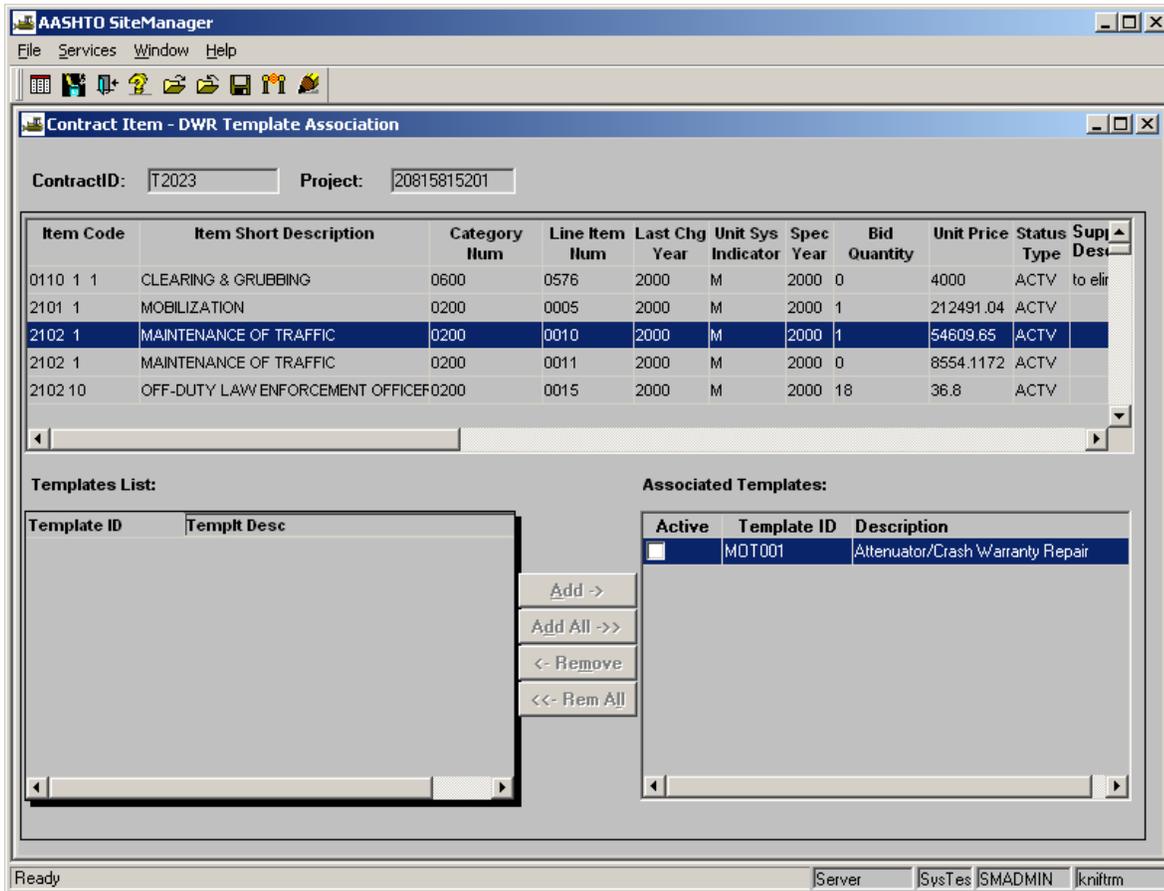
Payment for Repaired or Replaced Temporary Attenuator/Crash Cushion Devices

This section describes how to include payment for repair or replacement cost for this work under the Maintenance of Traffic Item .

Associating DWR Templates to Contract Items

Note: This functionality should be done by the person responsible for setting up the contract or other Project Management type user.

After templates are associated with items in the master list, they can be associated with items used in a contract. This is done on the Contract Item - DWR Template Association panel from the Daily Work Reports panel. Select a Contract and Project ID from the list. All of the items available for the selected contract and project will be displayed in the top portion of the panel. The templates associated with the items will be displayed on the bottom left portion of the panel in the Templates List window. Templates that are associated to contract items are moved to the Associated Templates window on the bottom right side of the panel.



To Associate Individual DWR Templates to a Contract Item:

1. On the **Daily Work Reports** panel, double-click the **Contract Item - DWR Template** icon.
2. Double-click a Contract in the **Contract ID** window.
3. Select a **Project** from the **Project Nbr** window and click **Ok**.
4. Select the appropriate contract item to associate templates to.
5. From the **Templates List** data window select the template or templates (use the CTRL or SHIFT keys to select multiple templates) to associate with the contract item.
6. Click the **Add** button, or click the **Add All** button to associate all of the templates to the contract item. The selected templates will move to the Associated Templates window.
7. Click the **Save** button or select **Save** from the **File** menu.

To associate all DWR Templates to the Items on a Contract:

1. On the **Daily Work Reports** panel, double-click the **Contract Item - DWR Template** icon.
2. Double-click a Contract in the **Contract ID** window.
3. Click the **Generate** button.

How to use the Attenuator/Crash Warranty Repair Template

Assumption is made here that the user already knows how to fill out a Daily Work Report and complete the information on the Work Items Tab.

1. Create the **DWR** by inputting the relevant information such as the DWR Date, Weather Conditions, etc.

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Daily Work Reports

DWR Info. Contractors Contractor Equip. Daily Staff Work Items Force Accounts

Contract ID: T2023 Inspector: McDonald, Robert

DWR Date: 07/01/04

Locked: No
 Authorized: No
 Authorized Date: 00/00/00

Temperature
 High: 0
 Low: 0

Weather Conditions
 A.M.:
 P.M.:

No Work Items Installed:
 No Contractors On Site:
 No Daily Staff On Site:

Work Suspended:
 Suspended Time: 00:00
 Resumed Time: 00:00

Remarks:
 Accident
 Addtl. Weather Descrip.
 Claim Issues

DWR Template Test

2. Click the **Work Items** Tab as seen below and select the line item.

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Daily Work Reports

DWR Info. Contractors Contractor Equip. Daily Staff **Work Items** Force Accounts

Contract ID: T2023 Inspector: McDonald, Robert Date: 07/01/04

Project Number	Line Item Number	Category Number	Item Code	Description	Supplemental InstId Description 1
20815815201	0005	0200	2101 1	MOBILIZATION	
20815815201	0010	0200	2102 1	MAINTENANCE OF TRAFFIC	
20815815201	0011	0200	2102 1	MAINTENANCE OF TRAFFIC	
20815815201	0015	0200	2102 10	OFF-DUTY LAW ENFORCEMENT OFFICER	
20815815201	0020	0200	2102 60	WORK ZONE SIGNS	
20815815201	0025	0200	2102 61	BUSINESS SIGNS	
20815815201	0030	0200	2102 70 11	BARRIER WALL (TEMP) (F&I)(STANDARD)(CONCRETE)	
20815815201	0035	0200	2102 74 1	BARRICADE (TEMPORARY)(TYPES I,II,VP & DRUM)	
20815815201	0040	0200	2102 76	PANELS ARROW ADVANCE WARNING	
20815815201	0045	0200	2102 77	HIGH INTENSITY FLASHING LIGHTS (TEMP - TYPE B)	
20815815201	0050	0200	2102 78	MARKER PAVT REFLECTIVE (TEMPORARY)	
20815815201	0055	0200	2102 81 1	IMPACT ATTENUATOR MODULES VEHIC. (INERTIA)(TEMP)	
20815815201	0060	0200	2102 99	SIGN VARIABLE MESSAGE (TEMPORARY)	
20815815201	0065	0200	2104 4	MOWING	
20815815201	0070	0200	2104 10 1	HAY OR STRAW BALE	
20815815201	0075	0200	2104 13 1	SILT FENCE STAKED (TYPE III)	
20815815201	0080	0200	2110 1 1	CLEARING AND GRUBBING	

3. Input location information and save.

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Daily Work Reports | DWR Template

DWR Info. Contractors Contractor Equip. Daily Staff **Work Items** Force Accounts

Contract ID: T2023 Inspector: McDonald, Robert Date: 07/01/04

Project Nbr: 20815815201 Line Itm Nbr: 0010 Item Code: 2102 1 Category Nbr: 0200
 Item Desc: MAINTENANCE OF TRAFFIC Unit Price: \$54,609.65000
 Supp Desc 1:
 Supp Desc 2:

Qty Reported to Date: 1.000 Qty Authorized to Date: 1.000 Units Type: LS
 Qty Installed to Date: 1.000 Bid Qty: 1.000 Pay To Plan Qty:
 Status: Active Qty Paid to Date: 1.000 Current Contract Qty: 1.000

Loc Seq Nbr	Location Installed	Placed Qty.	Plan Page Number	Templt Used
1	DWR Template Test	.0000		<input type="checkbox"/>

Placed Qty: .000 Plan Page Nbr: 0 Contractor: CARLO, JOHN, INC. ** PRIME **

Loc Seq Nbr: 1 Location: DWR Template Test Measured Indicator:

Station	Offset	Distance	Station	Offset	Distance
From: +	.000		To: +	.000	.000

Material Inspection Detail

Material Component	Cont Est Matrl Qty	Satisf Repr Matrl Qty	Reprt Matrl Qty	Matrl Unit

4. The Template icon will appear on the **DWR Work Items** tab for items that have an associated DWR Template after saving the location data.

5. Double click the Template icon.

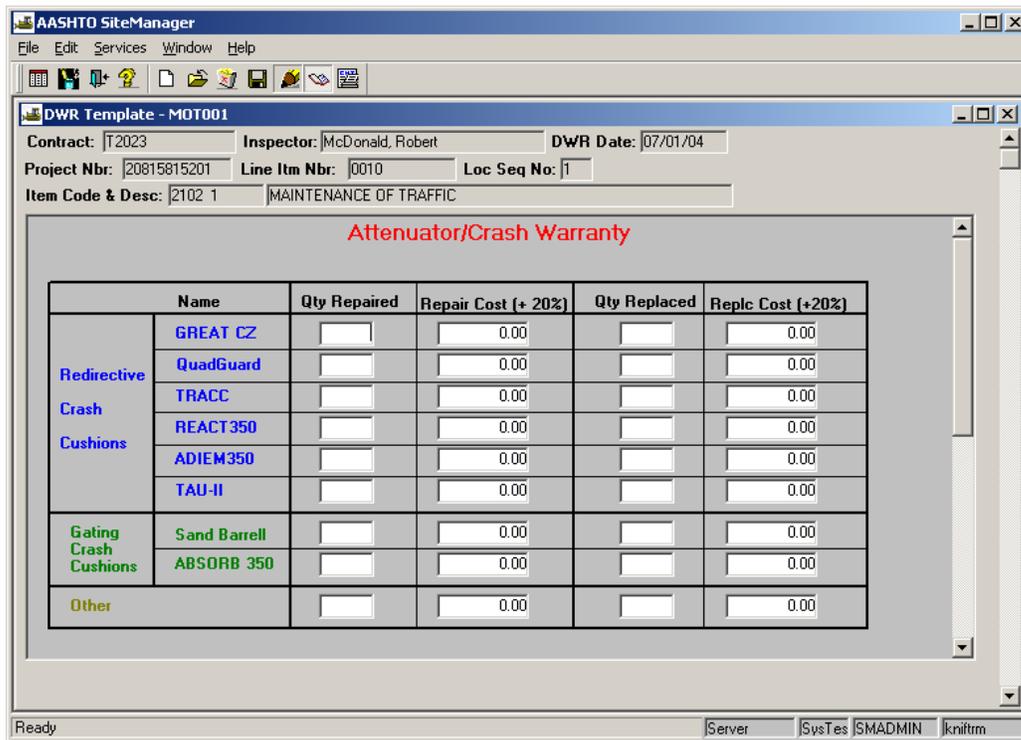
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 File Edit Services Window Help

DWR Template

Contract: T2023 Inspector: McDonald, Robert DWR Date: 07/01/04
 Project Nbr: 20815815201 Line Itm Nbr: 0010 Loc Seq No: 1
 Item Code & Desc: 2102 1 MAINTENANCE OF TRAFFIC

Template ID	Description	Used	Detail/ Multi Line	Returns Value
MOT001	Attenuator/Crash Warranty Repair	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. The **DWR Template** selection window appears.
7. Double click on the Template MOT001.
8. The **DWR Template – MOT001** appears.



9. Click the **Record Template Data** button or choose **Record Template**.
10. Populate the necessary fields with data as seen in the picture above.

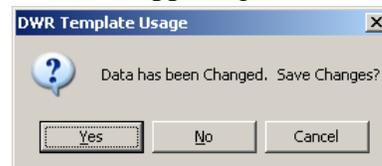
Qty Repaired: The number of each type of device repaired.

Repair Cost (+20%): The Total Cost of repair based on invoice price plus 20% for the quantity of item indicated.

Qty Replaced: The number of each type of device replaced.

Replc Cost (+20%): The Total Cost of replacement based on invoice price plus 20% for the quantity of item indicated.

11. To save the information entered you can click the **Save** button from the menu bar and then press the “Close” icon on the menu bar or the “X” in the upper right corner of window to close the window and you will be returned to the DWR Item location entry window. As an option you can click on the “Close” icon or the “X” in the upper right corner of window and then respond to the prompt as shown on the right to save the information. Once you select either “Yes” or “No” the window will then close and return you to the DWR Item location entry window and prompt you to Exit the Template. On the **Work Items** window, the **Template Used** box is now checked.



Payment for Repaired or Replaced Temporary Attenuator/Crash Cushion Devices

Payment for cost related to repaired or replaced temporary attenuator/crash cushion devices shall be done as a Line Item Adjustment according to the following guidance:

For conventional pay item contracts containing the temporary or permanent attenuator pay items 102-89-7 or 544- 75- AA, process a line item adjustment to the attenuator/crash cushion pay item.

For conventional pay item contracts with no attenuator pay items, process a line item adjustment to the MOT Lump Sum pay item 102-1.

For Design Build or Lump Sum projects, process a line item adjustment to the 1 Design Build pay item or 1 Lump Sum pay item.

The adjustment type that should be used is “Temp. Attenuator/Crash Cushion Repair”. The total amount included on the adjustment should be the total amount documented with a DWR Template as described above.

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Line Item Adjustments
 Contract ID : T7011 Estimate Nbr: 0036

Catg Nbr	Pri Nbr	Item Code	Line Item Number	Description	Price Adj. Type	Entered Date	Sum
0200	25840115201	2102 89 7	1770	IMPACT ATTEN VEHIC (TEMP)(REDIRECTIV		03/21/06	
0101	25840115201	2400 2 4	0010	CONCRETE CLASS II (SUPERSTRUCTU	Stockpiled Materials Adj:	03/21/06	
0102	25840115201	2400 2 4	0100	CONCRETE CLASS II (SUPERSTRUCTU	Stockpiled Materials Adj:	03/21/06	
0101	25840115201	2400147	0030	COMPOSITE NEOPRENE PADS	Stockpiled Materials Adj:	03/21/06	
0104	25840115201	2400147	0305	COMPOSITE NEOPRENE PADS	Stockpiled Materials Adj:	03/21/06	
0200	25840115201	2430982141	2380	MITERED END SECTION (OPTION PIPE RO	Stockpiled Materials Adj:	03/21/06	
0200	25840115201	2441 1 11	2405	EDGEDRAIN (DRAINCRETE) (10	Stockpiled Materials Adj:	03/21/06	
0101	25840115201	2450 1001	0050	PRESTRESSED BEAMS (F&I)(TYPE II)	Stockpiled Materials Adj:	03/21/06	
0101	25840115201	2450 1001	0050	PRESTRESSED BEAMS (F&I)(TYPE II)	Stockpiled Materials Adj:	03/21/06	

Project Number: 25840115201 Line Item Number: 1770

Line Item Adjmt Detail Information :
 Type: Temp. Attenuator/Crash Cushion Repair Entered By: kn706ls
 Amount: 5,091.84 Entered Date: 03/21/06
 Quantity: 1.00000
 Unit Price: 5,091.84000

Stockpiled Information
 Stockpiled Sn: 0 Replenish Sn: 0

Ready Server SvsTes SMADMIN kniftrm

Filename: Attenuator_Crash Cushions Cost Reporting 1-29-10.doc
Directory: C:\Documents and Settings\cn982zw\Local Settings\Temporary
Internet Files
Template: C:\Documents and Settings\cn982zw\Application
Data\Microsoft\Templates\Normal.dotm
Title: How to use the Attenuator/Crash Warranty Repair Template:
Subject:
Author: kniftrm
Keywords:
Comments:
Creation Date: 1/29/2010 7:57:00 AM
Change Number: 4
Last Saved On: 1/29/2010 7:59:00 AM
Last Saved By: cn982sc
Total Editing Time: 4 Minutes
Last Printed On: 1/29/2010 9:23:00 AM
As of Last Complete Printing
Number of Pages: 7
Number of Words: 904 (approx.)
Number of Characters: 5,157 (approx.)