

2009

Fuel and Asphalt Adjustment



Kentucky Transportation Cabinet

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Table of Contents

1.0 OVERVIEW	6
1.1 Application Summary	7
2.0 Getting Started	8
2.1 Home Page.....	8
Figure 1: FAA Home Screen	8
2.1.1 Menu Selection:.....	8
2.1.2 Display Area:.....	9
2.1.3 Navigation Button:	9
2.2 Contract Information Screen.....	9
Figure 2: Contract Information Screen	9
2.2.1 Display Area:.....	9
2.2.2 Control Button:.....	9
2.3 Fuel Type Selection Screen.....	10
Figure 3: Fuel Type Selection Screen.....	10
2.3.1 Display Area:.....	10
2.3.2 Navigation Button:	10
2.4 Pay Item Selection	11
2.4.1 Pay Item Selection:	11
Figure 4: Pay Item Selection Screen	12
2.4.2 Navigation Button;.....	12
2.5 Fuel Price Adjustments Screen	12
2.5.1 Display Area:.....	12
2.5.2 Control Button:.....	13



Figure 5: Fuel Price Adjustment Screen;..... 13

2.5.3 Grid Area..... 13

2.5.4 Edit Pay Item..... 14

2.5.5 Edit Pay Item – Description 14

Figure 6: Edit Pay Item Description Screen 14

Figure 7: Fuel Price Adjustment – Edit Mode Screen; 15

2.5.6 Navigation Buttons:..... 15

2.5.7 Add Pay Item 15

2.5.8 Add Pay Item – Description 16

Figure 8: Add Pay Item Description Screen 16

Figure 9: Fuel Price Adjustment-Add Mode Screen 17

2.5.9 Navigation Buttons:..... 17

2.6 Fuel (Mowing) Price Adjustment;..... 18

Figure 10: Fuel (Mowing) price Adjustment Screen;..... 18

2.6.1 Display Area:..... 19

2.6.2 Control Button:..... 19

2.6.3 Grid Area..... 19

2.6.4 Edit Pay Item..... 19

2.6.5 Edit Pay Item – Description 19

Figure 11: Edit Pay Item Description Screen; 20

Figure 12: Fuel (Mowing) Price Adjustment – Edit Mode Screen 20

2.6.6 Add Pay Item 20

2.6.7 Add Pay Item – Description 21



Figure 13: Fuel (Mowing) Price Adjustment –Add Pay Item Description Screen 21

2.6.8 Navigation Buttons: 21

2.7 Asphalt Price Adjustment Screen; 21

2.7.1 Display Area: 21

Figure 14: Asphalt Price Adjustment Screen 22

2.7.2 Control Button: 23

2.7.3 Grid Area..... 23

2.7.4 Navigation Buttons: 23

2.7.5 Edit Pay Item..... 23

2.7.6 Edit Pay Item – Description 23

Figure 15: Edit Pay Item Description Screen 24

Figure 16: Asphalt price Adjustment - Edit Pay Item Mode Screen 24

2.7.7 Add Pay Item 25

2.7.8 Add Pay Item – Description 25

Figure 17 – Add Pay Item Description 25

Figure 18 - Asphalt Price Adjustment – Add Pay Item Mode 26

2.8 Summary of Adjustments – Report screen; 26

2.8.1 Fuel Summary Report Page 1; 27

2.8.2 Asphalt Summary Report Page 1; 28

2.8.3 Fuel (Mowing) Adjustments Page1; 29

2.9 Logout Screen 30

2.9.1 Display Area: 30

2.10 Help Screen..... 31



2.10.1 Display Area:.....	31
2.10.2 Navigation Button:	31



1.0 OVERVIEW

This manual explains the steps required to calculate "fuel/asphalt price adjustments" in the **FAA Administration System**.

After completing this manual you should be able to:

- **Search Pay Items for your contract**
 - **Perform Fuel/Asphalt Adjustments**
 - **Print/save Summary of Adjustments - reports**
 - **Add / Edit values**
 - **Perform adjustments to another contract**
-



1.1 Application Summary

Fuel & Asphalt Adjustments (FAA) is a program that automates a report (report generation) and creates a PDF file that can be saved on a local machine. Users within the Contract Authority are authorized to enter the application, and are allowed to calculate the adjustments. When a user enters a valid Contract ID, FAA will bring up the corresponding list of Pay Items; The user can then begin calculations on that contract by selecting the desired Pay Item and other input variables (like F, A etc) that are necessary for FAA calculations. "FAA" calculates the preliminary adjustments based on the user input data and gives the user the option to edit input variables like F, A, monthly quantities etc. If the user edits the input variables, the system prompts the user to enter brief comments on the reason(s) for edit(s). FAA displays a summary report showing the dollar amount of each adjustment and lists the grand total.



2.0 Getting Started

2.1 Home Page

Fuel & Asphalt Adjustment (FAA) Home screen appears to the user after logging into the application

FAA home screen provides the user with instructions to start calculations

Figure 1: FAA Home Screen



2.1.1 Menu Selection:

There are 3 tabs displayed on the menu bar:

- Home
- Help
- Exit



These links will aid the user in navigating through the FAA system. User is directed to the corresponding screen, based on their selection from the "Menu bar".

2.1.2 Display Area:

Provides instructions on using this application

2.1.3 Navigation Button:

Press button Enter Application to enter the FAA application, system verifies and directs the user to 'Contract information' screen.

2.2 Contract Information Screen

User is directed to this page from FAA home page.

Figure 2: Contract Information Screen



2.2.1 Display Area:

Enter the six digits Contract ID into the text box here

2.2.2 Control Button:

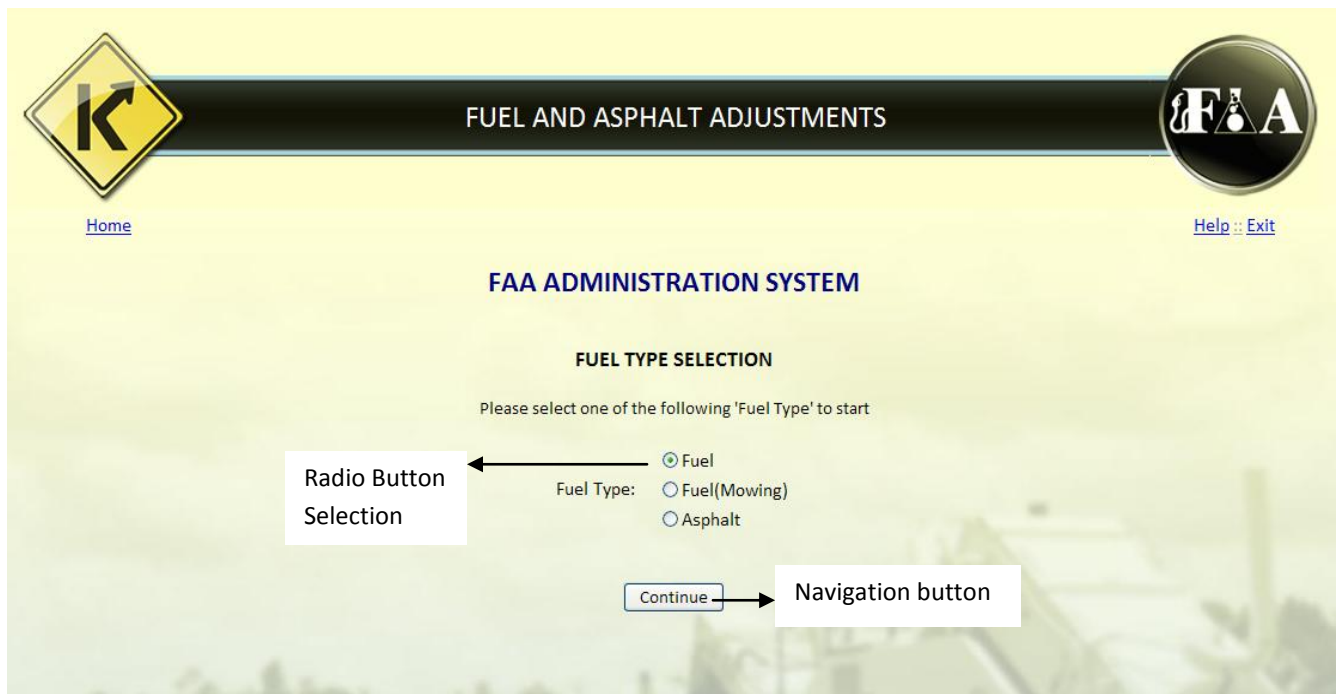
Press button Submit to enter the fuel type Selection screen



2.3 Fuel Type Selection Screen

User is directed to this screen from the Contract Information screen

Figure 3: Fuel Type Selection Screen



2.3.1 Display Area:

Choose one of the fuel type options and click navigation button: Continue to continue.

2.3.2 Navigation Button:

Press button: Continue, System directs the user to 'Pay Item Selection' Screen.

Steps on this screen:

- I. If the selected fuel type is "Fuel", the system shows only the pay items pertaining to fuel type: "Fuel" on Pay Item Selection page and then directs the user to 'Fuel Price Adjustment Page'.
- II. If the selected fuel type is "Fuel (Mowing)", the system shows only the pay items pertaining to fuel type: "Fuel (Mowing)" on Pay Item Selection page and then directs the user to 'Fuel (Mowing) Price Adjustment Page'.



- III. If the selected fuel type is "Asphalt", the system shows only the pay items pertaining to fuel type: "Asphalt" on Pay Item Selection page and then directs the user to 'Asphalt Price Adjustment Page'.

2.4 Pay Item Selection

User is directed here from the 'Fuel Type Selection screen'.

2.4.1 Pay Item Selection:

The project tree provides the user with the list of all projects pertaining to the user submitted contract ID. To select a specific project, user must first click the primary project number and under the primary project number, a sub project number must be selected. Each sub project number lists down various category numbers; User must now select a category number, this action displays all the pay items under that category number. Finally, the user selects the desired pay item and performs calculations on it.

User may select one or more pay items at a time to start with calculations.

See the example below;

- Contract ID: 061019

-Primary Project Number: FD05 005 0249 000-006

- Sub-Project Number: MP00502490601

-Category Number: 0001-ROADWAY

-Pay Item Number: 0020 – AGGREGATE FOR SHOULDERS



Figure 4: Pay Item Selection Screen

FAA ADMINISTRATION SYSTEM

PAY ITEM SELECTION

Contract ID: 061003
Fuel Type: Fuel

Select a Pay Item to work on from the list below

- [-] Pay Items for Contract - 061003
 - [-] BRO 5259(61)
 - [-] BRO 5259(61) - DE02500890603
 - [-] 0001 - ROADWAY
 - [-] 0002 - BRIDGE 25519
 - [-] 0003 - DEMOBILIZATION
 - [-] 0004 - LANDSCAPING STREAM MITIGATION
 - [-] 0005 - BRIDGE 25520
 - 0830 - GUARDRAIL-STEEL W BEAM-S FACE A
 - 0840 - MASONRY COATING
 - 0850 - ARMORED EDGE FOR CONCRETE
 - 0860 - STRUCTURE EXCAV-SOLID ROCK
 - 0870 - FOUNDATION PREPARATION 25520
 - 0880 - CONCRETE-CLASS A
 - 0890 - CONCRETE-CLASS AA
 - 0900 - STEEL REINFORCEMENT
 - 0910 - STEEL REINFORCEMENT-EPOXY COATED
 - 0920 - PRECAST PC BOX BEAM CB12-48
 - 0930 - GUARDRAIL-STEEL W BEAM-S FACE BR

Continue Back

2.4.2 Navigation Button;

Press button: Back, system takes the user back to 'Contract Information Screen'

2.5 Fuel Price Adjustments Screen

2.5.1 Display Area:

This screen displays the following read-only attributes that are retrieved from database for the selected pay item;

- I. Letting date
- II. County
- III. OPIS Price index value at letting
- IV. Contract ID
- V. Fed/State Project Number



2.5.2 Control Button:

Press button: Calculate after selecting the GPU from the drop-down, system calculates and displays the results in the grid below;

Figure 5: Fuel Price Adjustment Screen;

Home Help :: Exit

FAA ADMINISTRATION SYSTEM

FUEL PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
Letting Date: County:
OPIS Price Index at Letting:

Project Number	Category Number	Pay Item	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio / Gallons Per Unit(GPU)	Adjustments
Edit DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	08/2006	234.30	764.31	0.2329	0.52	16,905.90
Edit DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	12/2006	188.79	446.78	0.0000	0.52	0.00
Edit DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	05/2007	213.88	78.85	0.1210	0.52	906.12
Edit DE058204005R1	0001 - ROADWAY	0020 - TRAFFIC BOUND BASE						No Records
Edit DE058204005R1	0001 - ROADWAY	0030 - CRUSHED AGGREGATE SIZE NO 2						No Records
Add								

Click here to edit values

Click here to add new row

Navigation buttons

2.5.3 Grid Area

System populates 'Project Number', 'Category Number' and 'Pay Items' in the grid as received from Site Manager

System displays the results in the grid.



Records not found in database are marked in font color: Red

2.5.4 Edit Pay Item

Edit: User can edit the values ('Month / Year' & 'Sum of the estimates') in the grid by clicking the link: Edit

Save: On clicking link: Edit it changes to link: save to allow the user to save the changes/updates to database

2.5.5 Edit Pay Item - Description

User must submit the comments if he/she choose to edit data by clicking the link: Edit in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to cancel the edited/changed values

Refer Figure No. 6

Figure 6: Edit Pay Item Description Screen

	Project Number	Category Number	Pay Item	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio / Gallons Per Unit(GPU)	Adjustments
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	08/2006	234.30	764.31	0.2329	0.52	15,905.90
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	12/2006	188.79	446.78	0.0000	0.52	0.00
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	05/2007	213.88	78.85	0.1210	0.52	906.12
Edit	DE058204005R1	0001 - ROADWAY	0020 - TRAFFIC BOUND BASE						No Records
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	08/2006	234.30	855.77	0.2329	3	109,205.30
Save	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	05/2007	213.88	527.65	0.1210	3	34,982.31
Add									

Cancel Finish

Edit Pay Item

Briefly describe the reason to edit the current 'Pay Item'. Thank You!

Description:

Submit Cancel

Click here to submit

Enter your reason to edit here



Once user submits reason for editing values to the system, system brings back the user to edit mode. Refer Figure 7

Figure 7: Fuel Price Adjustment – Edit Mode Screen;

FAA ADMINISTRATION SYSTEM

FUEL PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
Letting Date: County:
OPIS Price Index at Letting:

	Project Number	Category Number	Pay Item	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio / Gallons Per Unit(GPU)	Adjustments
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	08/2006	234.30	764.31	0.2329	0.52	16,905.90
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	12/2006	188.79	446.78	0.0000	0.52	0.00
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	05/2007	213.88	78.85	0.1210	0.52	906.12
Edit	DE058204005R1	0001 - ROADWAY	0020 - TRAFFIC BOUND BASE						No Records
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	08/2006	234.30	855.77	0.2329	3	109,205.30
Save	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	<input type="text" value="05/2007"/>	213.88	<input type="text" value="527.65"/>	0.1210	3	34,982.31
Add									

Save the edited record here → Navigation Button

2.5.6 Navigation Buttons:

Press button: Cancel to cancel the calculations and the system will not save it to the database

Press button: Finish system directs to the summary of Adjustments screen

2.5.7 Add Pay Item

Add: User can add a new record by clicking the link: Add



2.5.8 Add Pay Item - Description

User must submit the comments if he/she choose to add data by clicking the link: Add in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to cancel the added/changed values

Save: On clicking link: Add it changes to link: save to allow the user to save the updates to database

Figure 8: Add Pay Item Description Screen

The screenshot displays a web application interface for adding pay items. At the top, there is a table with 10 columns: Project Number, Category Number, Pay Item, Month/Year, Wholesale Price of Diesel Fuel, Sum of Estimates for Month, Change in Fuel Index, Fuel to Work Unit Ratio / Gallons Per Unit(GPU), and Adjustments. The table contains several rows of data, including entries for '0001 - ROADWAY' and '0040 - CL2 ASPH BASE 1.00D PG64-22'. Below the table is a 'Save' row with dropdown menus for Project Number, Category Number, and Pay Item, and input fields for Month/Year, Wholesale Price, and Sum of Estimates. Below the 'Save' row are 'Cancel' and 'Finish' buttons. The main section is titled 'Add Pay Item' and contains the instruction 'Briefly describe the reason to Add the New 'Pay Item'. Thank You!'. Below this is a 'Description:' label and a text input field. To the right of the input field is a callout box that says 'Enter your reason to add new row here'. Below the input field are 'Submit' and 'Cancel' buttons. A callout box points to the 'Submit' button with the text 'Click here to submit'. The Kentucky logo is visible in the bottom right corner.

	Project Number	Category Number	Pay Item	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio / Gallons Per Unit(GPU)	Adjustments
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	08/2006	234.30	764.31	0.2329	0.52	16,905.90
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	12/2006	188.79	446.78	0.0000	0.52	0.00
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	05/2007	213.88	78.85	0.1210	0.52	906.12
Edit	DE058204005R1	0001 - ROADWAY	0020 - TRAFFIC BOUND BASE						No Records
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	08/2006	234.30	855.77	0.2329	3	109,205.30
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	05/2007	213.88	527.65	0.1210	3	34,982.31
Save:	Select	Select	Select						

Once user submits reason for adding new values to the grid, system brings back the user to add mode. If user decides to not go further may click button Cancel and system brings back the user to original mode. Refer Figure 9



Figure 9: Fuel Price Adjustment-Add Mode Screen

FAA ADMINISTRATION SYSTEM

FUEL PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
Letting Date: County:
OPIS Price Index at Letting:

→ Control Button

	Project Number	Category Number	Pay Item	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio / Gallons Per Unit(GPU)	Adjustments
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	08/2006	234.30	764.31	0.2329	0.52	16,905.90
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	12/2006	188.79	446.78	0.0000	0.52	0.00
Edit	DE058204005R1	0001 - ROADWAY	0010 - DGA BASE	05/2007	213.88	78.85	0.1210	0.52	906.12
Edit	DE058204005R1	0001 - ROADWAY	0020 - TRAFFIC BOUND BASE						No Records
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	08/2006	234.30	855.77	0.2329	3	109,205.30
Edit	DE058204005R1	0001 - ROADWAY	0040 - CL2 ASPH BASE 1.00D PG64-22	05/2007	213.88	527.65	0.1210	3	34,982.31
Save	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

→ Click here to run report

Save the new added record In here

Indicates No records found in database

2.5.9 Navigation Buttons:

Press button: Cancel to cancel the calculations and the system will not save it to the database

Press button: Finish system directs to the summary of Adjustments screen



2.6 Fuel (Mowing) Price Adjustment;

Figure 10: Fuel (Mowing) price Adjustment Screen;

Home Help :: Exit

FAA ADMINISTRATION SYSTEM

FUEL(MOWING) PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
Letting Date: * County:
Gallons Per Unit(GPU): OPIS Price Index at Letting:

Click here to edit values Enter Letting date here Calculate Control Button

Menu selection

	Project Number	Category Number	PayItem	Month/Year	Wholesale Price of Diesel Fuel	Sum of Estimates for Month	Change in Fuel Index	Fuel to Work Unit Ratio	Adjustments
Edit	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	06/2006	223.19	739.00	0.1720	2.00	464.30
Edit	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	07/2006	236.30	739.00	0.2438	2.00	658.12
Edit	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	10/2006	187.70	739.00	0.0000	2.00	0.00
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	07/2006	236.30	457.00	0.2438	2.00	406.98
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	10/2006	187.70	457.00	0.0000	2.00	0.00
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	11/2006	200.07	457.00	0.0454	2.00	75.79
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	05/2007	213.88	457.00	0.1210	2.00	201.99
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	11/2007	278.25	457.00	0.4735	2.00	790.43
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	10/2007	249.89	457.00	0.3182	2.00	531.18
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	07/2007	223.49	457.00	0.1737	2.00	289.96
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	06/2008	389.64	457.00	1.0834	2.00	1,808.55
Edit	ME005VARS0602	0003 - MOWING RS ROUTES	0060 - RIGHT-OF-WAY MOWING	08/2008	342.35	457.00	0.8245	2.00	1,376.36
Add									

Cancel Finish navigation Button

Click here to Add new record



2.6.1 Display Area:

This screen displays the following read-only attributes that are retrieved from database for the selected pay item;

- i. Contract ID,
- ii. Fed/State Project Number,
- iii. County,
- iv. OPIS Price index value at letting
- v. GPU (Gallons Per unit)

The following are the user-entered value field;

- vi. Letting date

2.6.2 Control Button:

Press button: Calculate, system calculates and displays the results in the grid below;

2.6.3 Grid Area

System populates 'Project Number', 'Category Number' and 'Pay Item' as received from Site manager in the grid displays the results in the grid.

2.6.4 Edit Pay Item

Edit: User can edit the values ('Month / Year' & 'Sum of the estimates') in the grid by clicking the link: Edit

Save: On clicking link: Edit it changes to link: save to allow the user to save the changes/updates to database

2.6.5 Edit Pay Item – Description

User must submit the comments if he/she choose to edit data by clicking the link: Edit in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to cancel the edited/changed values

Refer Figure 11



Figure 11: Edit Pay Item Description Screen;

Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	10/2007	249.89	739.00	0.0696	2.00	229.59
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	11/2007	278.25	739.00	0.1967	2.00	648.86
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	05/2008	389.64	739.00	0.6958	2.00	2,295.27
Save	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	<input type="text" value="08/2008"/>	342.35	<input type="text" value="739.00"/>	0.4839	2.00	1,596.26
Add									

Cancel Finish

Edit Pay Item

Briefly describe the reason to edit the current 'Pay Item'. Thank You!

Description:

Control Button

Enter your reason to edit here

Figure 12: Fuel (Mowing) Price Adjustment - Edit Mode Screen

Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	10/2007	249.89	739.00	0.0696	2.00	229.59
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	11/2007	278.25	739.00	0.1967	2.00	648.86
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	06/2008	389.64	739.00	0.6958	2.00	2,295.27
Save	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	<input type="text" value="08/2008"/>	342.35	<input type="text" value="739.00"/>	0.4839	2.00	1,596.26
Add									

Click here to save edited values Click here to generate summary report

2.6.6 Add Pay Item

Add: User can add a new record by clicking the link: Add

Save: On clicking link: Add it changes to link: save to allow the user to save the updates to database



2.6.7 Add Pay Item – Description

User must submit the comments if he/she choose to add data by clicking the link: Add in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to cancel the added/changed values

Figure 13: Fuel (Mowing) Price Adjustment –Add Pay Item Description Screen

Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	11/2007	278.25	739.00	0.1967	2.00	648.86
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	05/2008	389.64	739.00	0.6958	2.00	2,295.27
Edit	ME005VAR0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	08/2008	342.35	739.00	0.4839	2.00	1,596.26

Save:

Add Pay Item

Briefly describe the reason to Add the New 'Pay Item'. Thank You!

Enter your reason to add new record here

Click here to submit

2.6.8 Navigation Buttons:

Press button: Cancel to cancel the calculations and the system will not save it to the database

Press button: Finish system directs to the summary of Adjustments screen

2.7 Asphalt Price Adjustment Screen;

2.7.1 Display Area:

This screen displays the following read-only attributes that are retrieved from database for the selected pay item;

- i. Contract ID
- ii. Letting date



- iii. County
- iv. KAPI Price index value at letting
- v. Fed/State Project Number

User enter value fields:

- ix. Asphalt JMF

Figure 14: Asphalt Price Adjustment Screen

FAA ADMINISTRATION SYSTEM

ASPHALT PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
Letting Date: County:
Asphalt JMF: * KAPI Price Index at Letting:

Click here to Edit values →

Enter JMF% here → → Control Button

	Project Number	Category Number	PayItem	Month/Year	KY Asphalt Index	Sum of Estimates for Month	Change in Fuel Index	Asphalt %	Adjustments
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	08/2006	391.20	252.50	0.2010	3.00 %	476.11
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	08/2006	391.20	226.24	0.2010	3.00 %	426.59
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	08/2006	391.20	248.04	0.2010	3.00 %	467.70
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	08/2006	391.20	199.88	0.2010	3.00 %	376.89
Edit	MP01690010601	0001 - ROADWAY	0060 - CL3 ASPH SURF 0.50A PG76-22	08/2006	391.20	576.13	0.2010	3.00 %	1,086.34
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH	08/2006	391.20	645.85	0.2010	3.00 %	1,217.80
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH	08/2006	391.20	624.65	0.2010	3.00 %	1,177.83
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH	08/2006	391.20	501.60	0.2010	3.00 %	945.81
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH	08/2006	391.20	576.13	0.2010	3.00 %	1,086.34
Add									

Click here to add new record →

→ Navigation Button



2.7.2 Control Button:

Press button: Calculate after submitting the Asphalt (A%) JMF value in here, system calculates and displays the results in the grid below;

2.7.3 Grid Area

System populates 'Project Number', Category Number', 'Pay Items' in the grid

System displays the calculated results in the grid

Save: On clicking link: Edit/Add it changes to link: save to allow the user to save the changes/updates to database;

2.7.4 Navigation Buttons:

Press button: Cancel to cancel the calculations and the system will not save it to the database

Press button: Finish system directs to the summary of Adjustments screen

2.7.5 Edit Pay Item

Edit: User can edit the values ('Month / year' & 'Sum of the estimates') in the grid by clicking the link: Edit

Save: On clicking link: Edit it changes to link: save to allow the user to save the changes/updates to database;

2.7.6 Edit Pay Item - Description

User must submit the comments if he/she choose to edit data by clicking the link: Edit in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to cancel the edited/changed values.



FUEL AND ASPHALT ADJUSTMENTS



Figure 15: Edit Pay Item Description Screen

	Project Number	Category Number	Pay Item	Month/Year	KY Asphalt Index	Sum of Estimates for Month	Change in Fuel Index	Asphalt % / Asphalt JMF	Adjustments
Edit	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	08/2006	391.20	289.78	0.4262	2.00	654.57
Edit	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	09/2006	385.20	770.61	0.4036	2.00	1,648.40
Edit	DE09090020619	0001 - ROADWAY	0050 - ASPHALT SEAL COAT	08/2006	391.20	29.01	0.4262	2.00	65.53
Edit	DE09090020619	0001 - ROADWAY	0050 - ASPHALT SEAL COAT	09/2006	385.20	83.69	0.4036	2.00	179.02
Edit	DE09090020619	0001 - ROADWAY	0250 - ASPH PAVE MILLING & TEXTURING	06/2006	355.20	484.24	0.2904	2.00	745.30
Edit	DE09090020619	0001 - ROADWAY	0250 - ASPH PAVE MILLING & TEXTURING	07/2006	372.20	409.12	0.3545	2.00	768.68
Edit	DE09090020619	0001 - ROADWAY	8006 - ASPHALT ADJUSTMENT	05/2007	293.33	30,865.36	0.0569	2.00	9,308.07
Save	DE09090020619	0001 - ROADWAY	8006 - ASPHALT ADJUSTMENT	<input type="text" value="01/2008"/>	294.11	<input type="text" value="50,184.43"/>	0.0598	<input type="text" value="2.00"/>	<input type="text" value="15,905.45"/>
Add									

Edit Pay Item

Briefly describe the reason to edit the current 'Pay Item'. Thank You!

Description:

Enter your reason to edit values here

Navigation Button

Figure 16: Asphalt price Adjustment - Edit Pay Item Mode Screen

ASPHALT PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:

Letting Date: County:

Asphalt JMF: * KAPI Price Index at Letting:

	Project Number	Category Number	Pay Item	Month/Year	KY Asphalt Index	Sum of Estimates for Month	Change in Fuel Index	Asphalt % / Asphalt JMF	Adjustments
Edit	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	08/2006	391.20	289.78	0.4262	5.00	1,636.43
Edit	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	09/2006	385.20	770.61	0.4036	5.00	4,120.99
Edit	DE09090020619	0001 - ROADWAY	0050 - ASPHALT SEAL COAT	08/2006	391.20	29.01	0.4262	5.00	163.82
Save	DE09090020619	0001 - ROADWAY	0050 - ASPHALT SEAL COAT	<input type="text" value="09/2006"/>	385.20	<input type="text" value="83.69"/>	0.4036	<input type="text" value="5.00"/>	<input type="text" value="447.55"/>
Add									

Click here to save the edited values

Click here to generate summary report



2.7.7 Add Pay Item

Add: User can add a new record by clicking the link: Add

Save: On clicking link: Add it changes to link: save to allow the user to save the changes/updates to database;

2.7.8 Add Pay Item - Description

User must submit the comments if he/she choose to edit data by clicking the link: Edit in the grid. In the description text-box, enter your text up to 250 characters. When completed be sure to press submit button. This action will return the user to the Price Adjustment screen. When decided to cancel the action be sure to press cancel button. This action will return the user to the price Adjustment screen and allows user to delete the new added values.

Figure 17 - Add Pay Item Description

	Project Number	Category Number	Pay Item	Month/Year	KY Asphalt Index	Sum of Estimates for Month	Change in Fuel Index	Asphalt % / Asphalt JMF	Adjustments
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	02/2006	391.20	926.66	0.2010	3.00	1,747.29
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH MTV	08/2006	391.20	2,348.23	0.2010	3.00	4,427.78
Edit	MP01690010601	0001 - ROADWAY	0300 - ASPH PAVE MILLING & TEXTURING	02/2006	391.20	255.95	0.2010	3.00	482.61
Save:	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text"/>		<input type="text"/>		<input type="text"/>	

Cancel Finish

Add Pay Item

Briefly describe the reason to Add the New 'Pay Item'. Thank You!

Description:

Submit Cancel

Enter your reason to add new record here

Click here to submit



Figure 18 - Asphalt Price Adjustment – Add Pay Item Mode

Home Help :: Exit

FAA ADMINISTRATION SYSTEM

ASPHALT PRICE ADJUSTMENT

* Required Field

Contract ID: Fed/State Project Number:
 Letting Date: County:
 Asphalt JMF: * KAPI Price Index at Letting:

	Project Number	Category Number	Pay Item	Month/Year	KY Asphalt Index	Sum of Estimates for Month	Change in Fuel Index	Asphalt % / Asphalt JMF	Adjustments
Edit	MP01690010601	0001 - ROADWAY	0030 - ASPHALT SCRATCH COURSE PG76-22	08/2006	391.20	926.66	0.2010	3.00	1,747.29
Edit	MP01690010601	0001 - ROADWAY	0070 - ASPHALT PLACEMENT WITH MTV	08/2006	391.20	2,348.23	0.2010	3.00	4,427.78
Edit	MP01690010601	0001 - ROADWAY	0300 - ASPH PAVE MILLING & TEXTURING	08/2006	391.20	255.95	0.2010	3.00	482.61
Save	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text" value="Select"/>	<input type="text"/>		<input type="text"/>		<input type="text"/>	

Click here to save record Click here to generate summary report

2.8 Summary of Adjustments – Report screen;

On clicking button: 'Finish' on Fuel / Fuel (Mowing) / Asphalt Price Adjustment screens, user is directed to Summary of Adjustments – Report screens. User would be able print or save the summary report.

User can select the reports in following formats:

- PDF
- Excel

User once selected report format click button Export and system will open the report for the selected format. User may print or save it to the local machine.

Three navigation buttons are provided at the footer of the screen;



- **Finish:** on selecting this button, system will direct the user to Logout Screen.
- **Back:** on selecting this button, system takes the user to previous screen
- **Cancel:** on selecting this button, system will not save any adjustments and takes the user back to the home page.

2.8.1 Fuel Summary Report Page 1;

FAA ADMINISTRATION SYSTEM

Select the report format here

1 of 1 100% Find | Next Acrobat (PDF) file Export

Summary of Adjustments

Date/Time: 5/12/2009 11:29:38 AM

Contract ID : 061019 UserName : BHARANI.PILLA
Letting Date : 4/28/2006 Fed/St Project No : STPR 9002(004)
County : NELSON District : 04

FUEL ADJUSTMENTS

#	Project No	Category No	Pay Item	Month/Year	Quantity	Adjustments	Remarks
1	DE09090020619	0001 - ROADWAY	0010 - DGA BASE	06/2006	1,377.32	0.00	
2	DE09090020619	0001 - ROADWAY	0010 - DGA BASE	07/2006	9,071.23	23,485.10	
3	DE09090020619	0001 - ROADWAY	0010 - DGA BASE	08/2006	4,635.22	7,168.40	
4	DE09090020619	0001 - ROADWAY	0010 - DGA BASE	09/2006	3,978.28	-38,783.12	
5	DE09090020619	0001 - ROADWAY	0010 - DGA BASE	10/2006	62.76	-704.57	
6	DE09090020619	0001 - ROADWAY	0030 - SAMI	07/2006	50.00	746.82	values chnaged as didnt matched with my observations
7	DE09090020619	0001 - ROADWAY	0030 - SAMI	07/2006	55.20	824.49	
8	DE09090020619	0001 - ROADWAY	0060 - LEVELING & WEDGING PG64-22	01/2006	30.00	-2,397.08	record not found in the database NEW!

Back Cancel Finish

Navigation Button



2.8.2 Asphalt Summary Report Page 1;

FAA ADMINISTRATION SYSTEM

Select the report format here

1 of 1 100% Find | Next Select a format Export

Summary of Adjustments

Date/Time: 5/12/2009 11:49:41 AM

Contract ID : 061019 UserName : BHARANI.PILLA
Letting Date : 4/28/2006 Fed/St Project No : STPR 9002(004)
County : NELSON District : 04

ASPHALT ADJUSTMENTS

#	Project No	Category No	Pay Item	Month/Year	Quantity	Adjustments	Remarks
1	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	08/2006	289.78	981.86	
2	DE09090020619	0001 - ROADWAY	0020 - ASPHALT SEAL AGGREGATE	09/2006	770.61	2,472.59	
3	DE09090020619	0001 - ROADWAY	0250 - ASPH PAVE MILLING & TEXTURING	07/2007	350.00	67.71	records not found NEW!
	-	-	-				

* - Values Updated/Modified
'New!' - New Row Added

Back Cancel Finish

Navigation Button

Click here to print the selected format report



2.8.3 Fuel (Mowing) Adjustments Page1;

FAA ADMINISTRATION SYSTEM

1 of 1 100% Find | Next Select a format Export

Summary of Adjustments

Date/Time: 5/12/2009 11:39:56 AM

Contract ID : 062801 UserName : BHARANI.PILLA
Letting Date : 6/30/2006 Fed/St Project No : FE01 005 CW06 0000002
County : BARREN District : 03

FUEL(MOWING) ADJUSTMENTS

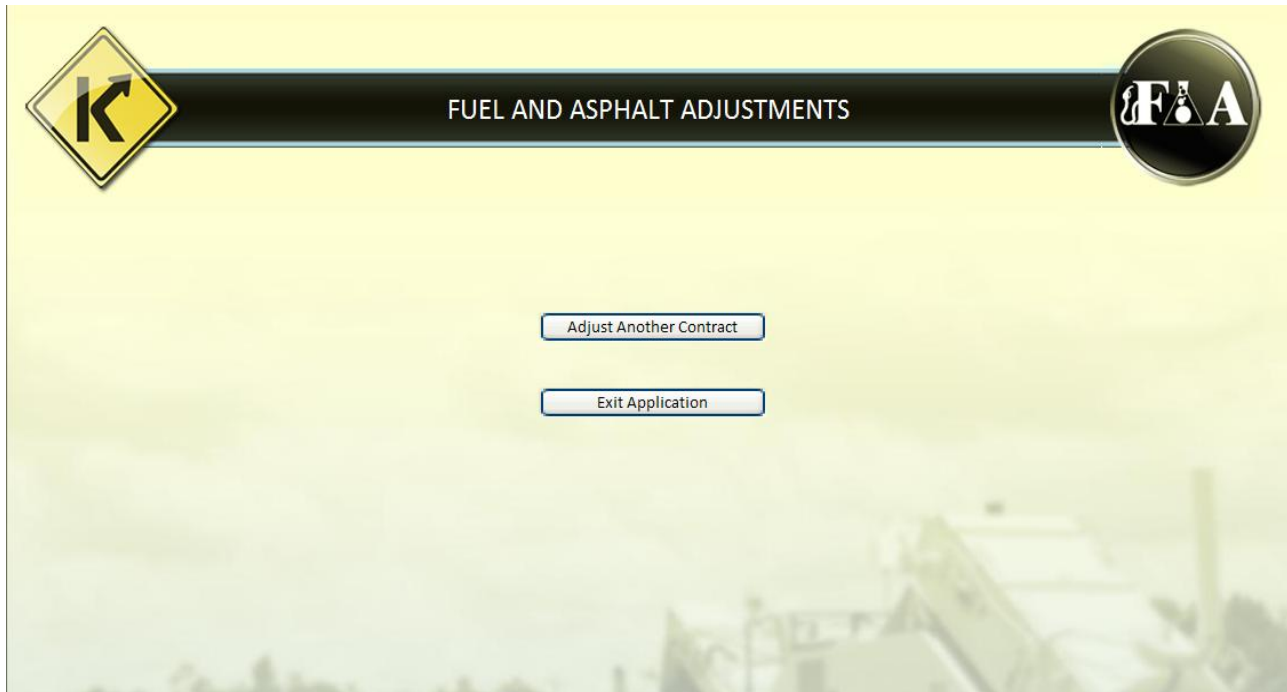
#	Project No	Category No	Pay Item	Month/Year	Quantity	Adjustments	Remarks
1	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	06/2006	739.00	0.00	
2	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	07/2006	739.00	28.70	
3	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	10/2006	739.00	-359.56	
4	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	11/2006	739.00	-176.81	
5	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	06/2007	739.00	0.00	
6	ME005VARS0602	0001 - MOWING MP ROUTES	0010 - RIGHT-OF-WAY MOWING	07/2007	739.00	0.00	

Back Cancel Finish



2.9 Logout Screen

Once user presses button Finish on 'Summary of Adjustments' screen, system directs the user to this page.



2.9.1 Display Area:

Provided with two navigation buttons;

- Adjust Another Contract:
On selecting this button, the system takes the user to 'Contract Information' screen
- Exit Application:
On Selecting this button, system closes the application



2.10 Help Screen

On clicking the Help on menu selection, system directs the user to this screen;

User guide is provided on this screen.



2.10.1 Display Area:

Link to the FAA User guide is provided here. On clicking the link, system opens the PDF document.

2.10.2 Navigation Button:

Press button [Back], system takes the user to the previous page.