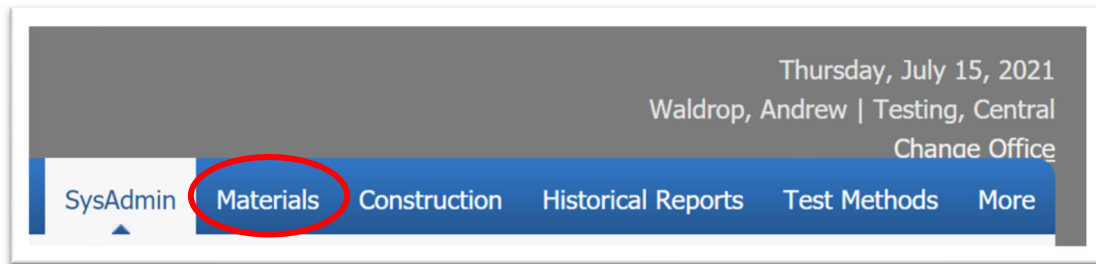


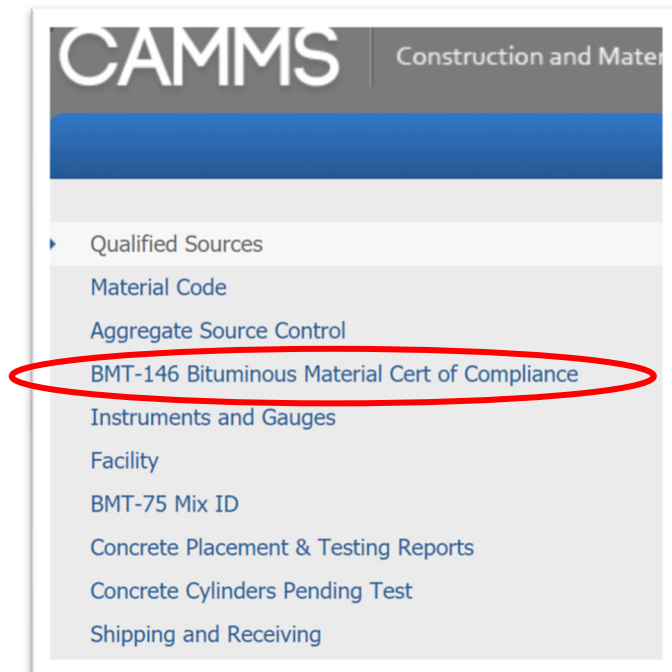
## BMT-146 Bituminous Material Cert of Compliance (Area Materials Procedures)

The BMT-146 is the official ALDOT certificate of compliance that must be delivered with all liquid asphalt loads on ALDOT projects, as required by ALDOT-243. The following procedure gives step-by-step instructions for Area Materials representatives to associate a BMT-146 with a project in CAMMS upon delivery to an HMA plant. Additional instructions for producers and Area Construction personnel are covered in separate procedures.

1. Open the CAMMS website (<http://cscamms03/camms> or, for outside the ALDOT network <https://cammsweb.dot.state.al.us/Account/Login>) and sign in to your account.
2. If the system does not automatically take you here, click on the “Materials” tab in the top right corner of your screen.



3. Click the “BMT-146 Bituminous Material Cert of Compliance” subprocess in the left frame.
  - a. NOTE: Not all subprocesses shown below may be visible on your screen.



4. You will now see the BMT-146 Bituminous Material Cert of Compliance Summary screen, which displays a listing of all BMT-146s that have been entered into CAMMS by liquid asphalt producers. Locate the load in question using the filter options, and click “Detail”.

| Shipment Date | Material Grade | Bill of Lading No | Company   | Destination County | Project No                | Status    |                        |
|---------------|----------------|-------------------|---|--------------------|---------------------------|-----------|------------------------|
| 07/20/2021    | 64-22P         | Test              | Hunt Refining Company - Tuscaloosa Plant - 12093      | AUTAUGA            |                           | Draft     | <a href="#">Detail</a> |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | HSIP-STPOA-0016(524)      | Installed | <a href="#">Detail</a> |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | IM-1065(480)              | Installed | <a href="#">Detail</a> |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | STPAA-HSIP-0016(528)      | Installed | <a href="#">Detail</a> |
| 07/08/2021    | 58-22          | 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BARBOUR            | RP-NH-HSIP-FMGR-0038(545) | Installed | <a href="#">Detail</a> |
| 07/08/2021    | 58-22          | 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BARBOUR            | STPAA-HSIP-0223(504)      | Installed | <a href="#">Detail</a> |

- a. NOTE: Only BMT-146s with a status of “Reviewed” or “Installed” may be selected for project installation. If the status is “Draft”, the liquid asphalt producer has not completed their final review of the form and should be contacted.

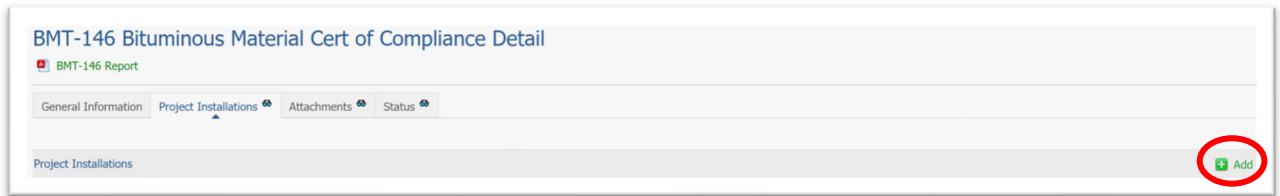
5. You will now see the BMT-146 Detail screen, with all information entered by the liquid asphalt producer. Check the information against your records; if there is a conflict, contact the liquid asphalt producer to resolve.

| Bill of Lading No | Company  | Consignee             | Destination County  | Shipment Date |       |
|-------------------|--|-----------------------|---------------------|---------------|-------|
| 1742981           | Hunt Refining Company - Tuscaloosa Plant - 12093 | MIDSOUTH PAVING, INC. | BIBB                | 08/18/2021    |       |
| Transport No      | Net Weight (Lbs) of Load                         | Gallons               | Time Loaded         | Loading Temp  | °F/°C |
| 522               | 54,220.00  | 6,271.00              | 08/18/2021 11:38 AM | 355           | °F    |
| Material Grade    | Previous Load Grade                              | Tank No               | Flash               | °F/°C         |       |
| 67-22             | 67-22  | 8                     | 575                 | °F            |       |
| Anti-Strip %      | Brand  | Silicone?             |                     |               |       |
|                   |  | No                    |                     |               |       |

- a. NOTE: Once a BMT-146 has been Reviewed by the liquid asphalt producer, only ALDOT employees may modify the General Information tab via the green Edit button. Please do not make any modifications without first consulting with the producer.

6. If all information is correct, click the Project Installations tab. You will now see a list of any project installations that have already been entered for this BMT-146; if none have been entered yet, this list will be blank.

To add a new project installation, click the green “Add” button:



- a. \*NOTE: The green “Add” button will not be visible when the BMT-146 is still in “Draft” status.
7. Complete the required fields, indicated by the green asterisk:

- a. NOTE: The Project No. field will auto-populate based on a selection in the Contract ID field, and vice versa. The Pay Item list will auto-populate with the active asphalt-related pay items on the selected project.
- b. Also, either Gallons or Weight may be entered.

- 8. Selecting "Yes" for "Sample Required?" will unlock the remaining fields in the screen, allowing you to enter the basic information required for sample creation.

**BMT-146 Bituminous Material Cert of Compliance Projects Add**

Contract ID\* Project No Date Used/Transferred\*

Pay Item\* Sample Required? Yes\* No

Gallons\* Weight (Lbs)\*

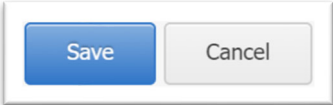
Material Code\* Producer/Supplier\*  
Hunt Refining Company

Sample Type\* Represented Qty Sampled From\* Intended Use

Sample Card No\* Sample Date\*

Sampled By\* Submitted By\*

- 9. When all required information has been entered, click the blue "Save" button at the bottom of the page. Click "Cancel" to discard all entries and return to the BMT-146 Detail page.



Your entry will be confirmed by a green check mark and "Success!", as well as by the entry appearing in the list of Project Installations.

**BMT-146 Bituminous Material Cert of Compliance Detail** ✔ Success!

■ BMT-146 Report

General Information Project Installations Attachments Status

Project Installations + Add

| Contract ID | Project No        | Date Used  | Sample Card No | Pay Item | Gallons | Weight (Lbs) | Inspector       |               |
|-------------|-------------------|------------|----------------|----------|---------|--------------|-----------------|---------------|
| 20210430043 | ATRP2-35-2020-181 | 08/18/2021 |                | 424B681  | 500.00  |              | Waldrop, Andrew | Detail Delete |
| 20210528010 | HSIP-0015(539)    | 08/18/2021 |                | 424A356  |         | 1,500.00     | Waldrop, Andrew | Detail Delete |

10. To view more detail on any project installation, click the “Detail” link on the line of the installation you wish to view.

| Gallons | Inspector       |  |
|---------|-----------------|--|
| 200     | Waldrop, Andrew | <a href="#">Detail</a><br><a href="#">Delete</a> |

11. You will now see the BMT-146 Projects Detail screen. By clicking the green “Edit” link on the right side of the screen, you can modify the number of gallons or pounds in this installation, without changing any of the other information.

**BMT-146 Bituminous Material Cert of Compliance Projects Detail**

Project Detail [Edit](#)

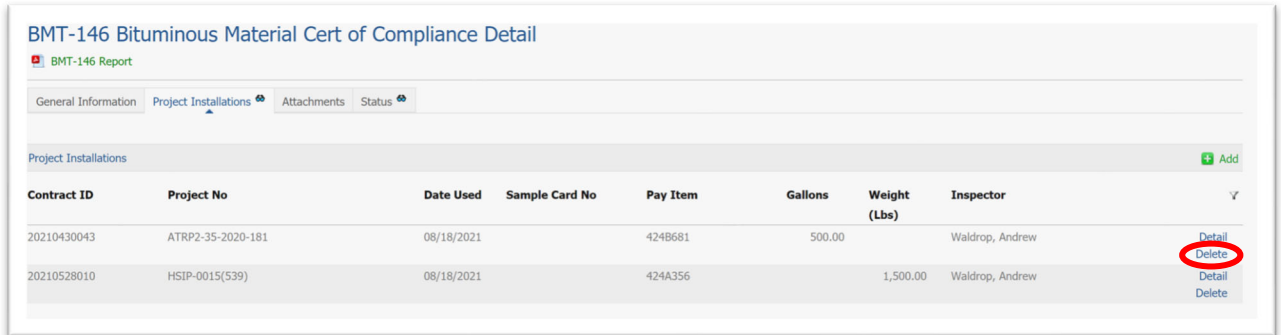
|  |  |  |
|--|--|--|
| <b>Contract ID</b><br>20210430043  | <b>Project No</b><br>ATRP2-35-2020-181 | <b>Date Used/Transferred</b><br>08/18/2021 |
| <b>Pay Item</b><br>424B681 - Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D | <b>Sample Required?</b><br>No          | <b>Sample Card No</b>                      |
| <b>Gallons</b><br>500.00   | <b>Weight (Lbs)</b>                    |  |

**BMT-146 Bituminous Material Cert of Compliance Projects Edit**

|   |  |  |
|---|--|--|
| <b>Contract ID</b><br>20210430043   | <b>Project No</b><br>ATRP2-35-2020-181   | <b>Date Used/Transferred</b><br>08/18/2021 |
| <b>Pay Item</b><br>424B681 - Superpave Bituminous Concrete Lower Binder Layer, 1" Max | <b>Sample Required?</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
| <b>Gallons*</b><br>500.00   | <b>Weight (Lbs)</b>  |  |

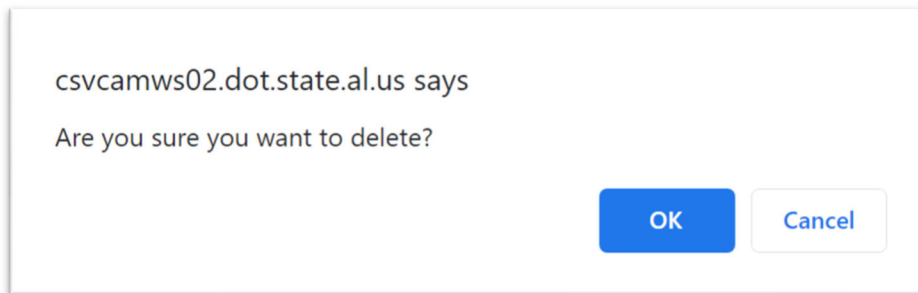
[Save](#) [Cancel](#)

12. To delete an entire project installation, return to the BMT-146 Bituminous Material Cert of Compliance Detail screen, and click “Delete” next to the installation you wish to remove.

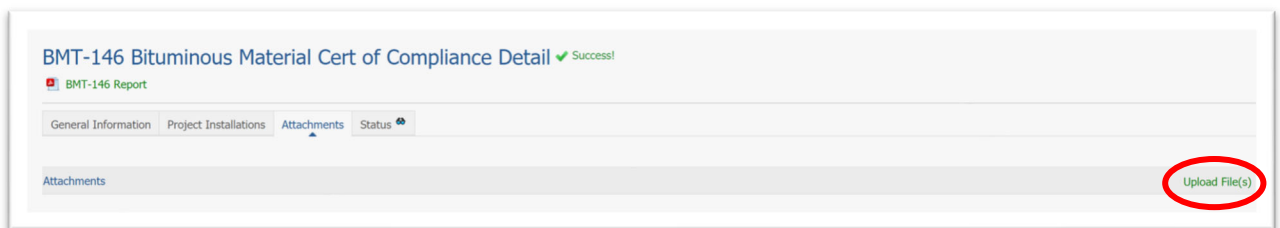


- a. NOTE: If a Sample Card Number is entered on a given BMT-146 and the record is subsequently deleted, the Sample Card No. must be removed manually via Test Methods. Before deleting a BMT-146 with a Sample Card No, write the number down and coordinate with the Lab of Jurisdiction to mark the sample “Entered in Error”.

You will receive a prompt to confirm deletion.



13. Any files uploaded by the liquid asphalt producer may be viewed on the Attachments tab of the BMT-146. Area Materials users may also upload any necessary attachments here by clicking the green “Upload files” link.



14. Click “Choose Files” to select the file(s) to be uploaded. A typical Windows dialogue box will open for you to locate on your computer the file to be uploaded.

**BMT-146 Bituminous Material Cert of Compliance Attachments Upload**

**Files to Upload**

Choose Files No file chosen

Save Cancel

15. Enter a title for the document, and any necessary remarks. When completed, click the blue “Save” button to upload, or press “Cancel” to remove the file.

**BMT-146 Bituminous Material Cert of Compliance Attachments Upload**

**Files to Upload**

Choose Files BMT-4 (5-11-01).pdf

Progress:

| Selected File       | Title*                  | Remark |
|---------------------|-------------------------|--------|
| BMT-4 (5-11-01).pdf | Certificate of Analysis |        |

Save Cancel

16. Upon save, you will see the green check mark and “Success!”, indicating a successful record save. A link to the file should be displayed under Attachments now.

**BMT-146 Bituminous Material Cert of Compliance Detail** ✔ Success!

BMT-146 Report

General Information Project Installations Attachments Status

Attachments Upload File(s)

| File Name               | Type | Action      |
|-------------------------|------|-------------|
| Certificate of Analysis | PDF  | Edit Delete |

17. The Status tab reflects the entire history of the BMT-146 from creation, with a listing of who modified it, on what date, and for what purpose.

The screenshot shows the 'Status' tab of the BMT-146 report. At the top, there is a navigation bar with tabs for 'General Information', 'Project Installations', 'Attachments', and 'Status'. Below this is a table with the following columns: Status, Name, Date, Project No, Item Code, and Sample Card No. The table contains eight rows of data, showing the progression from a 'Draft' status to 'Installed' status over time, with various personnel and project codes listed.

| Status    | Name                     | Date       | Project No                | Item Code | Sample Card No |
|-----------|--------------------------|------------|---------------------------|-----------|----------------|
| Draft     | Waldrop, Andrew          | 07/19/2021 |                           |           |                |
| Reviewed  | Waldrop, Andrew          | 07/20/2021 |                           |           |                |
| Installed | Armstead, William Chance | 07/20/2021 | STPAA-HSIP-0223(504)      | 424A360   |                |
| Installed | Armstead, William Chance | 07/20/2021 | STPAA-HSIP-0223(504)      | 405A000   |                |
| Installed | Armstead, William Chance | 07/20/2021 | STPAA-HSIP-0223(504)      | 407B000   |                |
| Installed | Waldrop, Andrew          | 07/21/2021 | RP-NH-HSIP-FMGR-0038(545) | 424A279   |                |
| Installed | Waldrop, Andrew          | 07/23/2021 | STPMN-0118(252)           | 405A000   | atvtest3       |

18. To print the BMT-146 report, click on the "BMT-146 Report" link at the top of the screen.

The screenshot shows the 'General Information' tab of the BMT-146 report. The 'BMT-146 Report' link at the top left is circled in red. Below the navigation bar, there is a table with the following columns: Bill of Lading No, Company, Consignee, Destination County, Shipment Date, Transport No, Time Loaded, Loading Temp, °F/°C, Gallons, Material Grade, Previous Load Grade, Tank No, Flash, and °F/°C. The table contains several rows of data, including 'Bill of Lading No', 'Company', 'Consignee', 'Destination County', 'Shipment Date', 'Transport No', 'Time Loaded', 'Loading Temp', '°F/°C', 'Gallons', 'Material Grade', 'Previous Load Grade', 'Tank No', 'Flash', and '°F/°C'.

| Bill of Lading No | Company   | Consignee                  | Destination County | Shipment Date |
|-------------------|---|----------------------------|--------------------|---------------|
| 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | 3d Solution Providers, Llc | BARBOUR            | 07/08/2021    |



Alternatively, return to the BMT-146 Summary screen and click on the Shipment Date link.

The screenshot shows the 'BMT-146 Bituminous Material Cert of Compliance Summary' screen. The 'Shipment Date' column header is circled in red. Below the navigation bar, there is a table with the following columns: Shipment Date, Material Grade, Bill of Lading No, Company, Destination County, Project No, and Status. The table contains eight rows of data, showing the shipment history for the BMT-146 report.

| Shipment Date | Material Grade | Bill of Lading No | Company   | Destination County | Project No                | Status    |
|---------------|----------------|-------------------|---|--------------------|---------------------------|-----------|
| 07/20/2021    | 64-22P         | Test              | Hunt Refining Company - Tuscaloosa Plant - 12093      | AUTAUGA            |                           | Draft     |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | HSIP-STPOA-0016(524)      | Installed |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | IM-1065(480)              | Installed |
| 07/19/2021    | 67-22          | 123456            | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BALDWIN            | STPAA-HSIP-0016(528)      | Installed |
| 07/08/2021    | 58-22          | 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BARBOUR            | RP-NH-HSIP-FMGR-0038(545) | Installed |
| 07/08/2021    | 58-22          | 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BARBOUR            | STPAA-HSIP-0223(504)      | Installed |
| 07/08/2021    | 58-22          | 123456789         | Ergon Asphalt & Emulsions, Inc - Conley Plant - 12086 | BARBOUR            | STPMN-0118(252)           | Installed |



19. The following is an example of a completed BMT-146 report with project installations:

| <br><b>Kay Ivey</b><br>Governor   | <b>Alabama Department of Transportation</b><br><b>BMT-146 Bituminous Material Certificate of Compliance</b><br>BMT-146 Installed<br>Shipment Date: 08/13/2021    ID: 10288 | <br><b>John R. Cooper</b><br>Transportation Director                                |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
|--|--|--|------------|-------------|------------|-----------|-----------------|----------------|--------|-----------|----------------|----------------|-------------|--|--|------|------------|-----------|-----------------|--|-------------------|-------------|---|--------|--|------------|---------|-----------------|--|---------------|--|--|--------|----------|--|--|--|--|
| Consignee: Vulcan Materials Company<br>Destination County: CALHOUN<br>Bill of Lading No: 1742564<br>Gallons: 5,395.00<br>Material Grade: 67-22<br>Anti-Strip %:<br>Brand:<br>Silicone?: No   |  | Transport No: 201<br>Time Loaded: 08/13/2021 05:19 AM<br>Loading Temp: 355 °F<br>Net Weight(Lbs) of Load:<br>Previous Load Grade: 67-22<br>Tank No: 8<br>Flash: 575 °F |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| <p>The undersigned certified that this shipment does meet all the applicable requirements of the Alabama Department of Transportation for the grade of bituminous material shown. It is further certified that the transporting vehicle was inspected prior to loading and found to contain no contaminating material.</p>   |  |  |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| Hunt Refining Company - Tuscaloosa Plant - 12093<br>Name of Company  |  | PO Box 038995 Tuscaloosa, AL 35403<br>Address of Company   |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| /s/ Clay Naramore<br>Signature of Authorized Representative  |  | 08/13/2021<br>Date of Shipment   |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Project No</th> <th style="text-align: left;">Contract ID</th> <th style="text-align: left;">Pay Item</th> <th style="text-align: right;">Gallons</th> <th style="text-align: right;">Weight(Lbs)</th> <th style="text-align: left;">Date</th> <th style="text-align: left;">County</th> <th style="text-align: left;">Inspector</th> <th style="text-align: left;">Sample Card No</th> </tr> </thead> <tbody> <tr> <td>HSIP-0015(539)</td> <td>20210528010</td> <td>424A356 - Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D</td> <td></td> <td style="text-align: right;">1500</td> <td>08/18/2021</td> <td>COVINGTON</td> <td>Waldrop, Andrew</td> <td></td> </tr> <tr> <td>ATRP2-35-2020-181</td> <td>20210430043</td> <td>424B681 - Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D</td> <td style="text-align: right;">500.00</td> <td></td> <td>08/18/2021</td> <td>HOUSTON</td> <td>Waldrop, Andrew</td> <td></td> </tr> <tr> <td colspan="3"><b>Total:</b></td> <td style="text-align: right;">500.00</td> <td style="text-align: right;">1,500.00</td> <td colspan="4"></td> </tr> </tbody> </table> |  |  | Project No | Contract ID | Pay Item   | Gallons   | Weight(Lbs)     | Date           | County | Inspector | Sample Card No | HSIP-0015(539) | 20210528010 | 424A356 - Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D |  | 1500 | 08/18/2021 | COVINGTON | Waldrop, Andrew |  | ATRP2-35-2020-181 | 20210430043 | 424B681 - Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D | 500.00 |  | 08/18/2021 | HOUSTON | Waldrop, Andrew |  | <b>Total:</b> |  |  | 500.00 | 1,500.00 |  |  |  |  |
| Project No   | Contract ID  | Pay Item   | Gallons    | Weight(Lbs) | Date       | County    | Inspector       | Sample Card No |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| HSIP-0015(539)   | 20210528010  | 424A356 - Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range C/D   |            | 1500        | 08/18/2021 | COVINGTON | Waldrop, Andrew |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| ATRP2-35-2020-181  | 20210430043  | 424B681 - Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D  | 500.00     |             | 08/18/2021 | HOUSTON   | Waldrop, Andrew |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| <b>Total:</b>  |  |  | 500.00     | 1,500.00    |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |
| <p>Date: 08/18/2021 04:34 PM <span style="float: right;">Page 1 of 1</span></p>  |  |  |            |             |            |           |                 |                |        |           |                |                |             |  |  |      |            |           |                 |  |                   |             |   |        |  |            |         |                 |  |               |  |  |        |          |  |  |  |  |