



# Reports in Your Toolbag – Materials for Construction

DAN BRAYACK, WITH HELP FROM ANTONIO VALLEZ

# SHOW OF HANDS

WHO KNOWS WHAT AWP IS?

WHO HAS LOGGED INTO AWP?

WHO HAS RUN A REPORT?

WHO THINKS THAT A HOTDOG IS A SANDWICH?

WHO KNOWS EVERY REPORT WE HAVE AVAILABLE?

# Reports, Reports, Reports!



- ▶ With AWP, we have the ability to quickly and easily create, update and generate reports.
- ▶ If you have a report you need, please email. We can make it happen for you.
- ▶ In report, links are clickable and will take you to places where you can review the information.

# How to Generate a Report

The screenshot displays a web application interface with a navigation bar at the top containing 'Home', 'Previous', and 'My Pages' dropdown menus. On the right side of the navigation bar are 'Help' and 'Log off' links. Below the navigation bar, there is a breadcrumb trail: 'On this page: Construction Materials Materials Worksheets Materials Reference Data'. The main content area is titled 'PROJECT Materials Regional Coordinators User (Materials Reference Data)'. On the left, there is a sidebar with two main sections: 'Materials' and 'Materials Reference Data'. The 'Materials' section includes 'Daily Source Reports', 'Mix Design', and 'Sample Records'. The 'Materials Reference Data' section includes 'Code Tables', 'Destination Labs', 'Facilities', 'Item Family', and 'Items'. On the right side of the main content area, there is a vertical list of items, each with a dropdown arrow. An 'Actions' menu is open over this list, showing a list of options: 'Open Process History', 'Tracked Issues', 'Cases', 'Generate Report', 'Execute Process', 'Execute System Interface', 'Global Links', 'My Settings', 'My Outbox', 'Contract vendor Assets', 'Daily Work Reports', 'Daily Work Reports by Contract', 'Payment Estimate Accounting', and 'Payment Estimate Approval Decisions'. The 'Generate Report' option is highlighted with a red box, and a red arrow points from the 'Actions' menu header to it.

Home Previous My Pages

On this page: Construction Materials Materials Worksheets Materials Reference Data

PROJECT Materials Regional Coordinators User (Materials Reference Data)

Materials ?

- Daily Source Reports
- Mix Design
- Sample Records

Materials Reference Data ?

- Code Tables
- Destination Labs
- Facilities
- Item Family
- Items

Actions

- Open Process History
- Tracked Issues
- Cases
- Generate Report
- Execute Process
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- Contract vendor Assets
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Help Log off

# OFTEN REPORTS ARE “IN” THE ENTITY

ON THE ACTION MENU OF THE ENTITY, YOU CAN GENERATE REPORTS

The screenshot displays a web application interface for a 'Sample Record Summary'. The record ID is 'DGros20240229023249 C5A3537-F'. The interface includes a navigation bar with 'Home', 'Previous', and 'My Pages' dropdowns, and a top right corner with 'Actions', 'Help', and 'Log off' links. Below the navigation, there are tabs for 'Overview', 'Find Sample', 'Maintain Test Queue', 'Receive at Destination Lab', 'Receive at Lab Unit', 'Review Samples', and 'Review Tests'. The main content area is divided into a left sidebar with tabs for 'General', 'Mix Design Information', 'Sources/Facilities', 'Destination Lab', 'Contract', and 'Tests'. The 'General' tab is active, showing fields for 'Lab Reference Number' (C5A3537-F), 'Sample ID' (DGros20240229023249), 'Material Code - Name' (601.003.003.03, Concrete, Class B, Modified Strength), and 'Field Technician' (Hutzenbiler, Timothy). On the right, an 'Actions' menu is open, listing options such as 'Split Sample Record...', 'Unauthorize', 'Views', 'Attachments (1)', 'Issues', 'Links', and 'Reports'. The 'Reports' section is highlighted, and 'PCC Similarity Report' is selected and highlighted with a red box. A red arrow points from the 'Actions' menu icon to the 'PCC Similarity Report' option.

# Reports are Role Specific

Tom has the report, but I don't ? I need it?

Send a request to MCS&T (email at the end)

We need to review and make sure this report doesn't provide proprietary information.

# EXAMPLE LIST OF REPORTS

**Generate Report**

Generate Report Execute ?

Settings Select Report 1 of 5 ← →

System Default Showing 50 of 68

0 selected

Report	Data
Anticipated Completion File	Contract
Anticipated Completion Report	Contract
Approved Product List	Material
Buy America Materials	Contract
Certified Vendor Directory	RefVendor
Change Order Report	ChangeOrder

# Why isn't my project paying??

Chances are, a material requirement is not met.

Should we be holding money for that item?

What can you do to fix it?

# Detailed Insufficient Materials



Progress Overview   Change Orders   Contract Administration   Contract Materials and Acceptance Actions   Contract Progress   Items   Payment Estimates

Projects   Subcontracts

## Contract Payment Estimate Summary

▼ 2017001582 - NEWHALL ARCH #2 Save ?

Payment Est Num: 0014   Period End Date: 02/23/2024 11:59:00 PM   Type: Progress

General  
Notes  
Exceptions  
Time Charges  
Projects  
Items  
Contract Adjustments  
Item Adjustments  
Approval Tracking

Q Type search criteria or press Enter Advanced Showing 8 c

Exception ID	Payment Estimate Exception	Status
▼ 1	Insufficient Materials	Ackno

**Description**  
🔍 Estimate Exception Type: Insufficient Materials: Project 2

**Adjustment**  
No

**Actions** ×

*There are no actions available.*

**Views**

Attachments (0)

Issues

Links

**Reports**

Detailed Insufficient Materials Report

Insufficient Materials Report

Items with Unpaid Placed Quantities

Payment Estimate for Contractor

Payment Estimate Report



Division of Highways

02/28/2024 14:34:29

Detailed Insufficient Materials Report

Report v1



Estimate Number: 7 Estimate Status: Draft Estimate Date: 2/24/2023

Item: 660007-001 - MISCELLANEOUS SIGNAL      Item Qty Posted To Dt: 1.000

Supp Descr: 1      Item Qty Pd To Dt: 0.000      Item Qty Whld Due to Matls: 1.000

Contract Line Number: 0115      Item Qty Remaining: 1.000      Item Unit Price: \$6,500.00

Project Item Line Number: 0115      Item Amt Remaining: \$6,500.00      Item Amt Whld Due to Matls: **\$6,500.00**

Insufficient Materials

Material Set	Matl Set Posted To Dt	Material	Conversion Factor	Appr Satisfied Matl Qty	Appr Reported Matl Qty	Appr Remaining Satisfied Qty	In Other Items
Default	01.000	715.042.000.1 - Traffic Signal Materials & Equipment	1	0.000	1.00000	-1.000	No

Exceptions	Withholding Payment?
APL-AS is insufficient.	Yes



Division of Highways

02/28/2024 14:34:29

Detailed Insufficient Materials Report

Report v1

Item: 675018-001 - ADJUSTING MANHOLE	Item Qty Posted To Dt:	3.000		
Supp Descr:	Item Qty Pd To Dt:	3.000	Item Qty Whld Due to Matls:	0.000
Contract Line Number: 0200	Item Qty Remaining:	0.000	Item Unit Price:	\$4,800.00
Project Item Line Number: 0200	Item Amt Remaining:	\$0.00	Item Amt Whld Due to Matls:	<b>\$0.00</b>

Insufficient Materials

Material Set	Matl Set Posted To Dt	Material	Conversion Factor	Appr Satisfied Matl Qty	Appr Reported Matl Qty	Appr Remaining Satisfied Qty	In Other Items
Default	03.000	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	1	200.000	3.00000	197.000	No

Exceptions	Withholding Payment?
<a href="#">Field-QA is insufficient.</a>	No
<a href="#">Lab-QA is insufficient.</a>	No

# What Material Coverage Do I Need?

- ▶ Evidence of Inspection – DWR
- ▶ Evidence of Inspection – Sample Records

# Evidence of Inspection - DWR

The screenshot displays a web application interface with a navigation menu on the left and a top navigation bar. The top navigation bar includes buttons for 'Home', 'Previous', and 'My Pages', along with 'Help' and 'Log off' links. The main content area shows a breadcrumb trail: 'On this page: Construction Materials Materials Worksheets Materials Reference Data'. Below this, the page title is 'PROJECT Materials Regional Coordinators User (Materials Reference Data)'. The left navigation menu is expanded to show 'Materials' and 'Materials Reference Data'. The 'Materials' menu includes 'Daily Source Reports', 'Mix Design', and 'Sample Records'. The 'Materials Reference Data' menu includes 'Code Tables', 'Destination Labs', 'Facilities', 'Item Family', and 'Items'. The 'Item Family' item is highlighted. An 'Actions' dropdown menu is open, showing a list of options: 'Open Process History', 'Tracked Issues', 'Cases', 'Generate Report', 'Execute Process', 'Execute System Interface', 'Global Links', 'My Settings', 'My Outbox', 'Contract vendor Assets', 'Daily Work Reports', 'Daily Work Reports by Contract', 'Payment Estimate Accounting', and 'Payment Estimate Approval Decisions'. A red arrow points from the 'Actions' dropdown to the 'Generate Report' option.

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## Generate Report

### Generate Report - Evidence of Inspection DWRs

Settings

Select Data

2 of 5

Execute



Enter search criteria or hit enter



System Default



Showing 10 of 567

Select: All None

1 selected

Contract

Description



1605051RFP

CHEAT RIVER BRIDGE

1620203

ROCK CLIFF I/S IMPROVEMENTS

2004001388

NORTHFORK ARCH BR

2006000306

I-77 SIGNING

## Evidence of Inspection DWRs

### CAPON BRIDGE

Line Number	Material Code and Name	Acceptance Action	Required for Pay?
0220	715.025.000 - Limestone, Ground Agricultural	APL-AS	Yes
0245	657.002.011.1 - Supports, Steel, Channel Bar (U Channel)	APL-AS	Yes
0250	657.002.011.1 - Supports, Steel, Channel Bar (U Channel)	APL-AS	Yes
0260	661.002.001.1 - Signs, Aluminum, Flat Sheet Finished	DC-DOC	Yes
0280	704.006.002.10 - Class 10 Aggregate - Base or Subbase Course	APL-AS	Yes
	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	APL-AS	Yes
0335	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Field-QA	No
	707.009.000 - Curing, Concrete, Liquid Membrane Compound	APL-AS	Yes
	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	APL Only - No	No
	627.PSP.001 - Expansion Joint, Foam	WVDOH St1	Yes
	709.001.000.1 - Plain Black Reinforcing Bar, Steel Rebar, R/F	APL-AS	Yes
0345	707.012.002 - Sealer, Concrete	APL-AS	Yes
	707.009.000 - Curing, Concrete, Liquid Membrane Compound	APL-AS	Yes
0360	707.016.001 - Coating Materials, Concrete Protection	APL-AS	Yes
0365	601.PSP.002 - Epoxy Resin Injection System	ST1	Yes
0375	709.001.000.2 - Epoxy Coated Reinforcing Bar, Steel, Rebar, R/F	APL-AS	Yes
0385	709.024.002 - Bolt, Steel, High Strength A325 / A449	ST-1	No
	709.000.000 - Steel, Miscellaneous	DC-DOC	No
	709.024.002 - Bolt, Steel, High Strength A325 / A449	APL-AS	Yes
	714.016.001 - Pipe, Fiberglass Reinforced (Scuppers and Drain Pipes)	ST1	No
0395	715.008.000 - Fabric, Waterproofing	ST-1	Yes
	709.000.000 - Steel, Miscellaneous	DC-DOC	Yes

0375	709.001.000.2 - Epoxy Coated Reinforcing Bar, Steel, Rebar, R/F	APL-AS	Yes
0385	709.024.002 - Bolt, Steel, High Strength A325 / A449	ST-1	No
	709.000.000 - Steel, Miscellaneous	DC-DOC	No
	709.024.002 - Bolt, Steel, High Strength A325 / A449	APL-AS	Yes
	714.016.001 - Pipe, Fiberglass Reinforced (Scuppers and Drain Pipes)	ST1	No
0395	715.008.000 - Fabric, Waterproofing	ST-1	Yes
	709.000.000 - Steel, Miscellaneous	DC-DOC	Yes

# Evidence of Inspection – Sample Records

## Evidence of Inspection Sample Records

### VALLEY HEAD T-BEAM

LN #	Material Code and Name	Name	Option Name	Rate	Frequency	Type	Required for Pay?
0020	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	Limits - QAD	Liquid and Plastic Limit	1	100000	Quantity	No
		QA Compaction	QA Compaction	1	Contract	Contract	Yes
	716.001.001.2 - Granular Material	QC Compaction	Comp. - QA/QC Lot per Roller Pass	2	Contract	Contract	No
	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	Limits - QC	Liquid and Plastic Limit	1	Contract	Contract	No
		Gradation - QA	Blended Aggregate Gradation - QA/QC	1	Contract	Contract	No
		Gradation - QC	Blended Aggregate Gradation - QA/QC	1	Day	Temporal	No
0030	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	Limits - QAD	Liquid and Plastic Limit	1	Contract	Contract	Yes
		Gradation - QC	Blended Aggregate Gradation - QA/QC	2	Contract	Contract	Yes
		Gradation - QA	Blended Aggregate Gradation - QA/QC	1	Contract	Contract	No
		Limits - QC	Liquid and Plastic Limit	1	10000	Quantity	No
		Compaction-QA	Comp. - QA/QC Lot per Roller Pass	1	Contract	Contract	No
		Compaction-QC	Comp. - QA/QC Lot per Roller Pass	1	Contract	Contract	Yes
0035	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	Compaction-QC	Asphalt - QA/QC Lot by Lot	0	Contract	Contract	No
		Gradation - QC	Blended Aggregate Gradation - QA/QC	1	Contract	Contract	Yes
0040	704.006.002.10 - Class 10 Aggregate - Base or Subbase Course	Limits - QC	Liquid and Plastic Limit	1	10000	Quantity	No
		Gradation - QC	Blended Aggregate Gradation - QA/QC	1	Contract	Contract	Yes
		Compaction-QC	Compaction - QA/QC Lot per Roller	1	Contract	Contract	Yes
0165	715.025.000 - Limestone, Ground Agricultural	pH of Lime	pH of Lime	1	Contract	Contract	No
0175	715.025.000 - Limestone, Ground Agricultural	pH of Lime	pH of Lime	0	Contract	Contract	Yes
0210	711.041.000.1 - Paint, White or Yellow, Fast-Dry Traffic	Retroreflectivity	Retroreflectivity	1	Contract	Contract	No
0215	711.041.000.1 - Paint, White or Yellow, Fast-Dry Traffic	Retroreflectivity	Retroreflectivity	1	Contract	Contract	No
0225	401.002.000.01 - Base 1 Asphalt Mix, Marshall	QAD Comp Lot	QAD Comp Lot	1	Contract	Contract	No
		Compaction-QC	Comp. - QA/QC Lot per Roller Pass	1	Contract	Contract	No
		Lab-QA	Marshall Asphalt Mixture Test	1	Contract	Contract	No
		Lab-QC	Marshall Asphalt Mixture Test	1	Contract	Contract	Yes

# Evidence of Inspection – Sample Records

0310	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Lab-QC	PCC-Lab Test - Cylinder Breaks	1	100	Quantity	No
		QA Field Similarity	QA Field Similarity				No
		Field-QC	PCC Field Tests	1	Contract	Contract	No
		Lab-QA	PCC-Lab Test - Cylinder Breaks	1	500	Quantity	No
		Field-QA	PCC Field Tests	1	1000	Quantity	No
0315	601.003.002.02 - Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM	Field-QC	PCC Field Tests	1	50	Quantity	Yes
		Lab-QC	PCC-Lab Test - Cylinder Breaks	2	Contract	Contract	Yes
		Lab-QA	PCC-Lab Test - Cylinder Breaks	1	500	Quantity	No

# Detailed Sampling Checklist



- ▶ A more specific materials report
- ▶ For General Project People, this may be in the weeds...but...

Project: 2013001233 - VALLEY HEAD T-BEAM

Detailed Sampling Checklist

03/02/2024

Line #	Item Code	Item Description	Supplemental Description	Estimated Qty	Authorize Qty	Unit	Comp
0310	601002-001	CLASS B CONCRETE		55	54.133	CY	✓

Material Code - Desc		Sample Type / Acceptance Type				Acc Action
601.003.003.02-Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM		Field / Quality Assurance				<a href="#">Click Here</a>
<u>Test Method</u>	<u>Freq Type</u>	<u>Completed</u>	<u>Current Req.</u>	<u>Total Expected</u>	<u>Frequency</u>	<u>Conv. Factor</u>
AWP601.03 PCC QA/QC - PCC - QC - Slump & Air	Quantity	2	1	1	1 / 1000	1

Sample Records

Sample Record	Sample Status	Lab Number	Tests	Sample Date	Completion Date	Authorized Date	Date Last Modified	Authorized By
<a href="#">MSwec20221212120207</a>	QA - Similar Passed	M8223158	1	12/08/2022	08/15/2023	08/15/2023	08/15/2023	Adam W. Nester
<a href="#">MSwec20230707034418</a>	QA - Similar Passed	M8231657 Lab and Field	1	07/07/2023	08/16/2023	10/27/2023	10/27/2023	Adam W. Nester

Material Code - Desc		Sample Type / Acceptance Type				Acc Action
601.003.003.02-Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM		Lab / Quality Assurance				<a href="#">Click Here</a>
<u>Test Method</u>	<u>Freq Type</u>	<u>Completed</u>	<u>Current Req.</u>	<u>Total Expected</u>	<u>Frequency</u>	<u>Conv. Factor</u>
T22 - Compressive Strength - Cylinders	Quantity	2	1	1	1 / 500	1

Sample Records

Sample Record	Sample Status	Lab Number	Tests	Sample Date	Completion Date	Authorized Date	Date Last Modified	Authorized By
<a href="#">MSwec20221212120207</a>	QA - Similar Passed	M8223158	1	12/08/2022	08/15/2023	08/15/2023	08/15/2023	Adam W. Nester
<a href="#">MSwec20230707034418</a>	QA - Similar Passed	M8231657 Lab and Field	1	07/07/2023	10/27/2023	10/27/2023	10/27/2023	Adam W. Nester

Project: 2020000966 - Emerson Ave

Detailed Sampling Checklist

03/02/2024

Line #	Item Code	Item Description	Supplemental Description	Estimated Qty	Authorize Qty	Unit	Comp
0015	609001-001	CONCRETE SIDEWALK		116	74.917	SY	✘

Material Code - Desc	Sample Type / Acceptance Type	Acc Action
601.003.003.02-Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Lab / Quality Assurance	<a href="#">Click Here</a>

Test Method	Freq Type	Completed	Current Req.	Total Expected	Frequency	Conv. Factor
T22 - Compressive Strength - Cylinders	Quantity	0	1	1	1 / 1000	1

Sample Records

Sample Record	Sample Status	Lab Number	Tests	Sample Date	Completion Date	Authorized Date	Date Last Modified	Authorized By
<a href="#">JThei20240108065617</a>	Received at Lab Unit	M3231427-L	1	12/06/2023			01/16/2024	

Material Code - Desc	Sample Type / Acceptance Type	Acc Action
601.003.003.02-Concrete, Class B, With Fly Ash, Slag Cement, Natural SCM	Quality Assurance / Field / PCC Sim.	<a href="#">Click Here</a>

Test Method	Freq Type	Completed	Current Req.	Total Expected	Frequency	Conv. Factor
PCC QA Field Sim. - PCC QA Field - Slump and Air	Quantity	0	1	1	1 / 1000	1

Sample Records

Sample Record	Sample Status	Lab Number	Tests	Sample Date	Completion Date	Authorized Date	Date Last Modified	Authorized By
<a href="#">JThei20240108043011</a>	In Testing	M3231427-F	1	12/06/2023			01/17/2024	

# Ghost Estimate Materials Exceptions

[East Street ADA +3](#)

Contract ID	Line #	Item #	Material	Unit	Unit Price	Pending Qty	Paid Quantity	Paid Amount
2020000965	0055	610001-001	707.009.000 - Curing, Concrete, Liquid	LF	\$109.00	16	213	\$23,217.00
			<b>Daily Work Reports</b>					
			Acceptance Actions	Satisfied?	Exclude from Payment			
			<a href="#">APL-AS</a>	Yes	No			
2020000965	0060	610001-004	601.003.003.02 - Concrete, Class B, With Fly	LF	\$130.00	0	20	\$2,600.00
			<b>Sample Records</b>					
			Acceptance Actions	Satisfied?	Exclude From Payment			
			<a href="#">Field-QC</a>	Yes	No			
			<a href="#">Lab-QA</a>	Yes	Yes			
			<a href="#">Lab-QC</a>	Yes	Yes			
			<a href="#">QA - Field - PCC Sim.</a>	Yes	Yes			
2020000965	0060	610001-004	707.009.000 - Curing, Concrete, Liquid	LF	\$130.00	0	20	\$2,600.00
			<b>Daily Work Reports</b>					
			Acceptance Actions	Satisfied?	Exclude from Payment			
			<a href="#">APL-AS</a>	Yes	No			
2020000965	0065	636011-001	636.002.001.01 - Traffic Control Devices	UN	\$1.30	0	28840	\$37,492.00
2020000965	0065	636011-001	715.009.003.01 - Drum, Flexible Plastic	UN	\$1.30	0	28840	\$37,492.00
2020000965	0065	636011-001	715.009.006 - Sign Stand, Portable	UN	\$1.30	0	28840	\$37,492.00
2020000965	0075	636021-001	636.002.001.01 - Traffic Control Devices	DA	\$40.00	0	3	\$120.00
2020000965	0080	636025-001	636.002.001.02 - Warning Lights, Hazard	DA	\$4.50	0	809	\$3,640.50
2020000965	0085	636025-001	636.002.001.02 - Warning Lights, Hazard	DA	\$3.00	0	312	\$936.00
2020000965	0090	663006-010	715.040.002 - Pavement Preformed Marking	LF	\$16.00	0	500	\$8,000.00
			<b>Daily Work Reports</b>					
			Acceptance Actions	Satisfied?	Exclude from Payment			
			<a href="#">APL-AS</a>	Yes	No			



*West Virginia  
Department of Transportation*

***Contract Key Information***

<b>Contract ID</b>	<b>Contract Name</b>	<b>Auth No.</b>	<b>State Project Number</b>	<b>Federal Proj Number</b>
<b>District: 01</b>				
<a href="#">2020000593</a>	40th St - 33rd St	SC3670C	U320-61-23.21 00	NFA-2617(003)
<a href="#">2021000750</a>	58th St - 40th St	SC3683C	S320-61-21.40 00	STP-0061(419)D
<a href="#">2020000815</a>	BUFFALO RD	FC3966G	S340-62-18.82 00	STP-0062(865)D
<a href="#">2020000910</a>	BUFFALO RD	FC3959G	S340-62-19.43 00	STP-0062(869)D
<a href="#">2015000093R1</a>	CARTER BR - BROOKS ST I/C	XC2350W	S320-64-57.54 00	NHPP-0642(164)DTC
<a href="#">2020000924</a>	CLENDENIN ST +1	SC3922G	S320-119-38.46 00	STP-0119(483)D
<a href="#">2016000957</a>	CROOKED CREEK BR	SC3890G	S327-16-0.42 00	STP-0016(275)DBC
<a href="#">2018000066</a>	Capehart Bridge	SC3682C	S327-35/10-5.43 00	NFA-2317(305)
<a href="#">2022810002</a>	D-1 RECALL STRIPING 2023	XC3138G	S381-REC/AL-23. 00	STBG-2023(007)D
<a href="#">2022810001</a>	D-1 Recall Striping	XC3094G	S381-REC/AL-22. 00	STBG-2022(030)D
<a href="#">2020001631</a>	D-1 STRIPING	XC3084G	S381-STR/IP-22 00	STP-2022(002)D
<a href="#">2022810008</a>	D1 2023 REM GUARDRAIL	XM1140C	R081-REM/GR-23 00	
<a href="#">2023810002</a>	D1 2024 REM GUARDRAIL	XM1152C	R081-REM/GR-24 00	
<a href="#">2022030002</a>	DANVILLE HFST	XC3120G	S303-119-13.29 00	HSIP-0119(599)D
<a href="#">2020000448</a>	DAVIS CREEK - OAKWOOD	XC2325K	S320-119-14.05 00	NHPP-0119(460)DTC

Date: 11/07/2023 10:44:41 AM

# Line Item Certification Status

## INSTITUTE LIGHTING

Contract ID	Line	Material Name	Review Date	Approve Date	Rejected Date	MCST Review	Ln Comp
2020000392	0170	662.002.013.1.6 - Lighting Support, Steel, Anchor Bolt	10/03/2023	10/03/2023		0 Days	✓
2020000392	0170	709.001.000.1 - Plain Black Reinforcing Bar, Steel	10/03/2023	10/03/2023		0 Days	✓
2020000392	0175	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag	10/03/2023	10/03/2023		0 Days	✓
2020000392	0175	709.001.000.1 - Plain Black Reinforcing Bar, Steel	10/03/2023	10/03/2023		0 Days	✓
2020000392	0180	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag					✓
2020000392	0180	709.001.000.1 - Plain Black Reinforcing Bar, Steel					✓
2020000392	0185	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag					*
2020000392	0185	631.002.000 - Electrical, Miscellaneous					*
2020000392	0190	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag					*
2020000392	0190	631.002.000 - Electrical, Miscellaneous					*
2020000392	0215	601.003.003.02 - Concrete, Class B, With Fly Ash, Slag					*
2020000392	9000	603.002.000.08 - Concrete Reinforced Wingwall	10/03/2023	10/03/2023		0 Days	✓
2020000392	9005	715.042.011.2 - Junction Box, Type H, Heavy Duty,					✓
2020000392	9010	715.042.011.2 - Junction Box, Type H, Heavy Duty,					✓
2020000392	9015	715.042.011.2 - Junction Box, Type H, Heavy Duty,					✓

**Sample ID:**



**CRams20220413080539**

**Sample Date:** 3/10/2022

**Material Code:** 401.002.000.03

**Material Name:** Wearing 1 Asphalt Mix, Marshall

**Facility:** S-AAA0.400 - AMERICAN ASPHALT & AGGREGATES

**Source:** F-AAA1.400 - American Asp&Agg - St. Albans

**Lab Control Number:** CNCRams20220413080539

**Lab Reference Number:** C1A1754

## Contract Approved Sources/Facilities

[CARTER BR - BROOKS ST I/C](#)

FIV	Proj	Material Code/Name	Approval #	Facility Code/Name	Link To DWR
✓	0075	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0080	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0115	688.005.004 - Soluble Salt Removers	1436952 - CHLOR*RID	<a href="#">CHLOR*ID International Inc</a>	<a href="#">Click Here</a>
✓	0120	688.005.004 - Soluble Salt Removers	1436952 - CHLOR*RID	<a href="#">CHLOR*ID International Inc</a>	<a href="#">Click Here</a>
✓	0145	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0150	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0200	688.005.004 - Soluble Salt Removers	1436952 - CHLOR*RID	<a href="#">CHLOR*ID International Inc</a>	<a href="#">Click Here</a>
✓	0390	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0395	715.004.001 - Cementitious Materials, PCC	1460221A-SikaQuick VOH	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0450	688.005.004 - Soluble Salt Removers	1436952 - CHLOR*RID	<a href="#">CHLOR*ID International Inc</a>	<a href="#">Click Here</a>
✓	0515	688.005.004 - Soluble Salt Removers	1436952 - CHLOR*RID	<a href="#">CHLOR*ID International Inc</a>	<a href="#">Click Here</a>
✓	0595	715.004.001 - Cementitious Materials, PCC	2002705A-Sikacrete 421 CI	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>
✓	0600	709.001.000.1 - Plain Black Reinforcing Bar,	2001035	<a href="#">Steel Dynamics Inc. - Columbia City</a>	<a href="#">Click Here</a>
✓	0675	715.004.001 - Cementitious Materials, PCC	1460221A-SikaQuick VOH	<a href="#">Sika Corp.</a>	<a href="#">Click Here</a>

# Contract DWR Acceptance Records

## [VALLEY HEAD T-BEAM](#)

FIV	Proj	Material Code/Name	Approval #	Comments	Link To DWR
APL	0055	607.002.000.02 - Blockout, Polymer	1438598 - GB14SH		<a href="#">Click Here</a>
APL	0055	709.045.000 - Guardrail Posts, Galvanized	1435787		<a href="#">Click Here</a>
APL	0055	712.004.005 - Guardrail Beam, Panels, Steel	1435787		<a href="#">Click Here</a>
APL	0060	712.004.005 - Guardrail Beam, Panels, Steel	1435787		<a href="#">Click Here</a>
APL	0065	607.002.000.01 - End Terminal, Flared or	1901418-MFLEAT		<a href="#">Click Here</a>
VI	0115	715.042.000.2 - Traffic Signals, Miscellaneous		1462448	<a href="#">Click Here</a>
APL	0200	657.002.011.1 - Supports, Steel, Channel Bar			<a href="#">Click Here</a>
DC	0205	661.002.001.1 - Signs, Aluminum, Flat Sheet	2300551	This 0 quantity posting is an acceptance record only. This record is for a Direct Coverage Sample for 6 SF of Flat Sheet Signs.	<a href="#">Click Here</a>
APL	0280	211.005.000 - Rock Borrow Excavation		CA # 1453589 FA # 1453590	<a href="#">Click Here</a>
APL	0295	704.006.002.07 - Class 7 Aggregate - Base or		CA lab # 1453589 FA lab # 1453590	<a href="#">Click Here</a>
APL	0305	708.001.002 - Expansion Joint, Bituminous	1462229		<a href="#">Click Here</a>
APL	0305	709.001.000.1 - Plain Black Reinforcing Bar,	1464577		<a href="#">Click Here</a>
APL	0315	708.001.001 - Expansion Joint, Sponge Rubber,	2102719		<a href="#">Click Here</a>
APL	0315	708.001.001 - Expansion Joint, Sponge Rubber,	2102719		<a href="#">Click Here</a>
APL	0320	601.003.006.02 - Concrete, Class H, With Fly		C8223159 - Yield C8223160 - Cylinders	<a href="#">Click Here</a>
ST-1	0320	601.008.009 - Stay-in-Place Fabricated Metal		ST-1 M8231276 - Logan Gambill - 108 panels and accessories of SIP Forms	<a href="#">Click Here</a>
APL	0325	707.016.001 - Coating Materials, Concrete	1463844		<a href="#">Click Here</a>
APL	0325	707.016.001 - Coating Materials, Concrete	1463844		<a href="#">Click Here</a>
APL	0330	709.001.000.2 - Epoxy Coated Reinforcing Bar,		WV steel - Knoxville - 1464577	<a href="#">Click Here</a>
DC	0335	615.000.000.07 - Steel Girders	2300101	Direct Coverage - 2300101	<a href="#">Click Here</a>
APL	0335	615.003.003 - Shear Stud Connector, Steel		Tri-fit products : Tru-Weld Shear Stud Approved # 1437975	<a href="#">Click Here</a>
APL	0335	709.024.002 - Bolt,Steel, High Strength A325 /	2103466		<a href="#">Click Here</a>
APL	0335	709.024.002 - Bolt,Steel, High Strength A325 /		Approved source for nuts, bolts, and washers WV Lab # 2103466	<a href="#">Click Here</a>
DC	0340	715.014.000 - Bearing Pads, Elastomeric, Plain	2201683	Approval Number 2201683 --- Test at MCS&T	<a href="#">Click Here</a>

## Approved Product List

Report Generated on 11/7/2023

Material Code: [609.002.001](#)

Material Name: Detectable Warning Surface

Facility Code	Facility Name	Location	Effective Date	Approval No
<a href="#">F-3DT1.715</a>	Three D Traffic Works	Burbank, CA	03/20/2019	<a href="#">1420339 - Tough EZ Tile</a>
			03/20/2019	<a href="#">1420342 - Tough - Rep Tile</a>
<a href="#">F-ALT1.609</a>	Alert Tile	Jacksonville, FL	03/20/2019	<a href="#">1420337</a>
<a href="#">F-APC1.609</a>	Armorcast Products	North Hollywood, CA	03/20/2019	<a href="#">1393194 - Panels</a>
			03/20/2019	<a href="#">1393195 - Tile Set System</a>
<a href="#">F-ART1.609</a>	ADA Replaceable Tile	Bellevue, WA	03/20/2019	<a href="#">1420344 - Wet Set Tile</a>
<a href="#">F-ASI1.609</a>	ADA Solutions, Inc.	North Billerica, MA	03/20/2019	<a href="#">1394173 - Surface Mount Composite Tile</a>
			03/20/2019	<a href="#">1394174 - Replaceable Composite Tactile</a>
<a href="#">F-AT1.609</a>	Access Tiles	Buffalo, NY	03/20/2019	<a href="#">1462288-Surface Applied</a>
			03/20/2019	<a href="#">1462289-Cast in Place</a>
<a href="#">F-DWS1.609</a>	Detectable Warning Systems Inc - Jacksonville	Jacksonville, FL	01/01/2019	<a href="#">1420338</a>
<a href="#">F-DWS2.609</a>	Detectable Warning Sys - Alert Cast - Wilmington	Wilmington, NC	01/01/2019	<a href="#">1420341 - Cast in Place Tile</a>
<a href="#">F-EPI1.609</a>	Engineered Plastics Inc.	Williamsville, NY	03/20/2019	<a href="#">1393232 - Armor - Tile Surface Applied System</a>
			03/20/2019	<a href="#">1393233 - Armor - Cast in Place Tile</a>
			03/20/2019	<a href="#">1393234 - Armor - Replaceable Cast in Place</a>
<a href="#">F-EPI1.664</a>	Ennis Paint, Inc.	Dallas, TX	03/20/2019	<a href="#">1393170 - Detect - A - Mark</a>
<a href="#">F-FTI1.664</a>	Flint Trading Company	Thomasville, NC	03/20/2019	<a href="#">1393171 - Top Mark</a>
<a href="#">F-SRP1.609</a>	Safe Routes Products LLC	Lehigh Acres, FL	03/20/2019	<a href="#">1420340 - Surface Mount With Drive Anchors</a>
			03/20/2019	<a href="#">1420343 - Cast in Place Wet Set</a>
<a href="#">F-TIS1.609</a>	Trelleborg Industrial Solutions		03/20/2019	<a href="#">1393173 - Tactile Guidance System</a>
<a href="#">F-TTP1.609</a>	TufTile Tactile Products	Lake Zurich, IL	03/20/2019	<a href="#">1462231 - Surface Applied Polymer Tile</a>
			03/20/2019	<a href="#">1462232 - Wet Set Polymer Tile</a>
<a href="#">F-UTI1.609</a>	Ultra Tech International	Jacksonville, FL	03/20/2019	<a href="#">1393174 - Surface Mount (retrofit)</a>
			03/20/2019	<a href="#">1393176 - Cast in Place Wet Set</a>

***Buy America Materials for Contract Bid Items with 2013001233***

<b>Line #</b>	<b>Item #</b>	<b>Bid Qty</b>	<b>Material Code</b>	<b>Material Name</b>
0025	207034-000	248	715.011.008	Geotextile - Eng Fabric, Separation
0055	607001-001	200	607.002.000.02	Blockout, Polymer
0055	607001-001	200	709.045.000	Guardrail Posts, Galvanized Steel
0055	607001-001	200	712.004.005	Guardrail Beam, Panels, Steel
0060	607006-001	4	712.004.005	Guardrail Beam, Panels, Steel
0065	607065-001	1	607.002.000.01	End Terminal, Flared or Tangent Steel
0115	636023-002	12	715.042.000.2	Traffic Signals, Miscellaneous
0130	636060-020	2	715.041.006	Traffic Safety Devices, Attenuating Type II
0170	642015-001	1000	715.011.005	Geotextile - Eng Fabric, Sediment Control - Silt Fence
0200	657008-001	40	657.002.011.1	Supports, Steel, Channel Bar (U Channel)
0210	663001-026	600	711.041.000.1	Paint, White or Yellow, Fast-Dry Traffic
0210	663001-026	600	711.041.000.2	Paint, White or Yellow, Fast-Dry Traffic
0215	663002-040	600	711.041.000.1	Paint, White or Yellow, Fast-Dry Traffic
0305	502001-012	138	709.001.000.1	Plain Black Reinforcing Bar, Steel Rebar, R/F
0315	601003-001	27	707.012.002	Sealer, Concrete
0320	601009-001	190	601.008.009	Stay-in-Place Fabricated Metal Forms for Concrete Bridge Decks
0325	601019-001	3710	707.016.001	Coating Materials, Concrete Protection
0330	602002-001	56767	709.001.000.2	Epoxy Coated Reinforcing Bar, Steel, Rebar, R/F
0335	615001-001	1	615.000.000.06	Bearing Assemblies, Steel
0335	615001-001	1	615.000.000.07	Steel Girders
0335	615001-001	1	615.003.003	Shear Stud Connector, Steel
0335	615001-001	1	709.024.002	Bolt, Steel, High Strength A325 / A449
0335	615001-001	1	715.014.000	Bearing Pads, Elastomeric, Plain & Reinforced

# Contract Sample Listing

Contract: 2013001233

Material: 601.003.002.02 - Concrete, Class K, With Fly Ash, Slag Cement, Natural SCM

Sample Date	Sample Record	Lab Reference Number	Type	LN #	CTRCT QTY	Test Method	Final Status
05/08/2023	<a href="#">BSchm20230815105550</a>	C8231292-2 Air, Slum	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass
05/08/2023	<a href="#">BSchm20230815105705</a>	C8231292-3 Air, Slum	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass
05/08/2023	<a href="#">MHawk20230515094432</a>	C8231291 Yield	QC	0315	27	PCC - Yield & Unit Weight	In Testing
05/08/2023	<a href="#">MHawk20230515095006</a>	C8231292 Field and L	QC	0315	27	Compressive Strength - Cylinders	QC/QAD - Pass
05/08/2023	<a href="#">MHawk20230515095006</a>	C8231292 Field and L	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass
05/08/2023	<a href="#">MHawk20230515095238</a>	M8231293	QA	0315	27	Compressive Strength - Cylinders	QA - Similar Passed
05/08/2023	<a href="#">MHawk20230515095238</a>	M8231293	QA	0315	27	PCC - QC - Slump & Air	QA - Similar Passed
09/11/2023	<a href="#">MSwec20230911015233</a>	C8233258 Field and L	QC	0315	27	Compressive Strength - Cylinders	QC/QAD - Pass
09/11/2023	<a href="#">MSwec20230911015233</a>	C8233258 Field and L	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass
09/11/2023	<a href="#">MSwec20230911015459</a>	C8233258-02 Air Slu	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass
09/11/2023	<a href="#">MSwec20230911015547</a>	M8233259	QA	0315	27	Compressive Strength - Cylinders	QA - Similar Passed
09/11/2023	<a href="#">MSwec20230911015547</a>	M8233259	QA	0315	27	PCC - QC - Slump & Air	QA - Similar Passed
09/11/2023	<a href="#">MSwec20230911015749</a>	C8233258-03 Air Slu	QC	0315	27	PCC - QC - Slump & Air	QC/QAD - Pass



*West Virginia  
Department of Transportation*

***Posted Material By Facility***

<b>Facility</b>	<b>Material</b>	<b>Total Mat Qty</b>
F-DSC2.709 - Dayton Sup Corp. - Miamisburg	707.009.000 - Curing, Concrete, Liquid Membrane Compound	213.60
F-DWS1.609 - Detectable Warning Systems Inc - Jacksonville	609.002.001 - Detectable Warning Surface	2
F-DWS2.609 - Detectable Warning Sys - Alert Cast - Wilmington	609.002.001 - Detectable Warning Surface	0
F-EDI1.715 - Eberle Design Inc.	715.042.000.1 - Traffic Signal Materials & Equipment	2
F-EFI1.664 - Ennis Flint Inc.	715.040.002 - Pavement Preformed Marking Material, Type V	22424.70
F-EFI1.664 - Ennis Flint Inc.	715.040.006.1 - Raised Pavement Markers, Type P-2, RPM	14185
F-EJI1.709 - East Jordan Global - East Jordan, MI	605.002.000.01 - Steel, Welded Grates for Inlets	7
F-EJI1.709 - East Jordan Global - East Jordan, MI	709.010.000.1 - Gray Iron Castings	0.50
F-EPI1.664 - Ennis Paint, Inc.	715.040.006.1 - Raised Pavement Markers, Type P-2, RPM	4423
F-EVC1.600 - Eastern Vault Co.	715.042.011.2 - Junction Box, Type H, Heavy Duty, Precast	32.65
F-FCC1.600 - Fast Cast Inc.	715.019.000.10 - Inlet, Type G (Precast)	1
F-FCC1.600 - Fast Cast Inc.	715.042.011.2 - Junction Box, Type H, Heavy Duty, Precast	2
F-FIC1.709-PHYS - Franklin Industries Co. - Franklin, PA	657.002.011.1 - Supports, Steel, Channel Bar (U Channel)	70648.8070
F-FSA1.715 - Foundation System & Anchors	662.002.013.1 - Pole, Steel, Lighting Support	7
F-FSA1.715 - Foundation System & Anchors	662.002.013.1.6 - Lighting Support, Steel, Anchor Bolt	7
F-FSA1.715 - Foundation System & Anchors	715.042.009.2.2 - Signal Supports, Anchor Bolts	5
F-FSC1.600-PHYS - Foster Supply Co. - Scott Depot, WV	605.002.000.01 - Steel, Welded Grates for Inlets	50
F-FSC4.600 - Foster Supply Co. - Charleston	715.019.000.05 - Inlet, Type B (Precast)	1
F-FSC4.600 - Foster Supply Co. - Charleston	715.019.000.10 - Inlet, Type G (Precast)	5



### Sample Record Status Overview

Lab Ref #	Sample Record ID	Material Code	Sample Date	Sample Status	Field Technician	Authorized By
<b>Contract:</b> <a href="#">2021000820 - Lower Elk Mtn</a>						
C8221388	<a href="#">MHawk20220714020716</a>	703.004.000.057 - Aggregate, Coarse, Size # 57, Crushed	05/03/2022	QC/QAD - Pass		Schmidt, Brad
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	Blended Aggregate Gradation -	D08-AGG	
M8220924	<a href="#">GQuat20220727082136</a>	401.002.000.03 - Wearing 1 Asphalt Mix, Marshall	06/16/2022	QA - Similar Passed		Nester, Adam
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	Marshall Asphalt Mixture Test	D08-ASP	
M8220924	<a href="#">GQuat20220727082136</a>	401.002.000.03 - Wearing 1 Asphalt Mix, Marshall	06/16/2022	QA - Similar Passed		Nester, Adam
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	Marshall Asphalt Mixture Test	D08-ASP	
M8221386	<a href="#">MHawk20220714012756</a>	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	06/23/2022	QA - Similar Passed		Cooper, Randall
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	Blended Aggregate Gradation -	D08-AGG	
C8221391	<a href="#">MHawk20220714021400</a>	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	06/23/2022	QC/QAD - Pass		Schmidt, Brad
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	Liquid/Plastic Limits	D08-AGG	
C8221389	<a href="#">MHawk20220714021114</a>	704.006.002.01 - Class 1 Aggregate - Base or Subbase Course	06/23/2022	QC/QAD - Pass		Schmidt, Brad
			<b>Test #</b>	<b>Test Description</b>	<b>Lab Unit</b>	
			1	T313 - Compaction - QA/QC Roller	D08-COMP	
			1	T317 - Compaction - QA/QC Lot	D08-COMP	

# Questions about AWP?

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