




MaineDOT



2019 LAP Training

The background features a light gray, textured surface with several realistic water droplets of varying sizes scattered across it. A faint, dotted world map is visible in the center, serving as a subtle backdrop for the text.

Welcome to the

Exciting world of :

Construction

Administration



Kevin Hanlon,
Assistant Contracts Engineer

Office: 624-3343

Cell: 592-2139

E-mail: kevin.w.hanlon@maine.gov

Attending a Training with Kevin is like
taking a drink from a Fire Hydrant



If you remember only one
thing from this today, let it be;

ASK A QUESTION



COVER SLIPS AND DELIVERY SLIPS

PIKE INDUSTRIES INC. COVER SLIP	No 22741
JOB NAME / LOCATION Rockland / Cambon	
PN# 18607.00	
ITEM# 4032H	202.203
DESCRIPTION Bull joint grinds	ENTERED VIEWPOINT BB AUG 28 1998 UPDATED BY FILES
QUANTITY 25	1.66
TOTAL	
COMMENTS Poly Lamin	
All orders and returned goods MUST be accompanied by this slip	
PIKE REPRESENTATIVE	
MOOT REPRESENTATIVE	Erin Wilson K. Ann Felder

Cover Slips and Delivery slips are to be used for materials that are measured by weight or some items that are to be measured by volume.

But not for items that are to be measured in place.

Cover Slips and Delivery Slips

54 Biscay Road
Damariscotta, Maine 04543 372823

DATE: 6/6/16

NAME: MDOT
ADDRESS: Boothbay Harbor

SOLD BY:	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE RTD.	PAID OUT

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1	290.78 TON		
2	Waste mix 7.67 TON		
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

CUSTOMERS ORDER NO.

KEEP THIS COPY FOR YOUR RECORDS
©2001 REDIFORM® 5L528

Do not put excess notes on Cover Slips, information such as wasted material, should be noted on delivery slips and tally sheets.

Cover Slips and Delivery Slips

CROOKER 10. 44151
CROOKER CONSTRUCTION LLC DAD 239954
 GENERAL CONTRACTORS (207) 729-5511 6-5001

TRUCK NO. 210 DRIVER Jan Wacker JOB NUMBER DATE 5/20/16

SOLD TO MDOT 019081-10

JOB LOCATION OPERATOR EQUIP. NO.
 Sabattus

EQUIPMENT • MOVING CHARGES • LABOR

HOURS	SERVICE DESCRIPTION / EQUIPMENT
1	
2	
3	
4	
5	
6	
7	

LOADED MATERIALS DELIVERED

CUBIC YDS.	SIZE
	GRAVEL
	SAND
	FILL
	CRUSHED GRAVEL
	CRUSHED STONE
18.25	203.24 Common Borrow
	Sabattus Pit

REC'D BY CAE FOR _____

CASH CHARGE

CUSTOMER COPY

Cover Slips and Delivery Slips

**STEELSTONE
INDUSTRIES**
CONCRETE - ASPHALT

Steelstone Industries
P.O. Box 746, Houlton, Maine 04730
(207) 532-2675

COVER SLIP

0569

Date: 7-15-16

PIN # 12780.00

Project: Caribou, Rt # 161

Item: 403,208

Total 538.53 ✓ Ton

Signed: Calvin R White Steelstone Industries

Signed: Adelbert SW Cole

Drews

**MAINE DEPARTMENT OF TRANSPORTATION
DAILY REPORT OF EQUIPMENT RENTAL**

TOWN Harrison - Norway REPORT No. 1
 PROJECT NUMBER: 22536 AUTHORIZATION Residents Directive
 CONTRACTOR Glidden Paving DATE 6/6/2017

LABOR

ITEM NO.	CLASS	RATE	TIME	TOTAL
629.05	Hand Labor	\$45	10	450
				0
				0
				0
				0
				0
				0
TOTAL				450

EQUIPMENT RENTAL

ITEM NO.	TYPE	RATE	TIME	TOTAL
631.172	Truck - Large	\$80	10	800
631.12	APE	\$165	10	1650
				0
				0
				0
				0
				0
TOTAL				2450

MATERIAL

QUANTITY	DESCRIPTION	RATE	TOTAL
			0
			0
			0
			0
			0
			0
			0
			0
TOTAL			0

SUMMARY	
TOTAL LABOR	\$450.00
TOTAL EQUIPMENT	\$2,450.00
TOTAL MATERIAL	\$0.00
TOTAL THIS REPORT	\$2,900.00
PREVIOUS REPORT	
TOTAL DATE	\$0.00

APPROVED _____ APPROVED: [Signature]
 CONTRACTOR REPRESENTATIVE

DESCRIPTION OF WORK:

Contractor cleaning winter sand

- When using draws for equipment rental items, document the work being performed and its adherence to the contract or as directed.



When does Buy America apply?



products such as cast iron frame and grates

BEFORE payment is made on these product,
you must the contractor must submit a Buy
America Certification

Why is Documentation Important?

- To insure Federal Participation
- Documentation is written for others:
ie; quantities, locations, crew, weather and notes of
Inspection, accidents, claims, abutter questions etc.

Penalties for Poor Documentation

- “If you don’t write it down, it never happened.”
- Federal/State Non-participation
- Extra cost to determine if payments legal
- Change in career plans

What is Documentation?

Documentation is the:

- who** (you, general contractor or sub)
- what** (activity of the GC and yourself!!!)
- where** (Location on the project)
- when** (date, time etc.)

Of all your daily activities

How and what are the Documentation requirements?

Remember the three R's

- **Read the Specifications**

Scope of Work, Materials & Measurement

- **Read the Construction Manual/Standard Details**

What are your Inspection responsibilities

- **Read the Documentation Manual**

What are your Documentation responsibilities

What is required for documenting a project?

Chapter 11 – Construction Administration

Chapter 12 – Construction Documentation

Project Record Keeping Manual states:

Construction books can be used for:

- Project Diary
- Final Quantity Book
- Construction-Field measurements Book
- Grade Check Book
- Drainage Book

Project Record Keeping Manual states:

Three Ring binders can be used for:

Testing File

Correspondence File

Final Quantity Computation Book

The background of the slide features a light gray, textured surface with a faint, dotted world map centered behind the text. Scattered around the map are several realistic water droplets of various sizes, some with highlights and shadows, giving a fresh and clean aesthetic.

Contract Modifications



When to create a Contract Modification

1. Revisions to the specifications
2. Substitutions of Materials
3. Changes in testing requirements
4. Changes or Extra Work with-in the scope of the contract
5. Changes in Design beyond the original scope of works
6. Revisions to the DBE utilization plan
7. Adding a payment or credit
8. Revisions to Major Items
9. Revisions to Deadlines, Completions dates or time extensions
10. Revisions that require additional right-of-way
11. Revisions to scope of work or additional work that is the responsibility of any other Agency

Contents of a Contract Modifications

- 1. Description and location of work
 2. Reason for the change of added work
 3. Method of Payment; Existing bid items, contractor quote or Force account
 4. Procedures to be followed by the Contractor such as; Time Constraints and Special Provisions
 5. Price Quotations
 6. Time extensions and reasons for the extra time
 7. Right-of-way acquisitions or easements
 8. Cost Estimates.
 9. All required Signatures and Approvals
 10. Note if Participating or non-participating

Short Description

This Section will contain the scope of work that is added by this contract modification

Description of Changes

This Section will contain the information on how the added work is to be paid

- 1) using existing bid item
- 2) new bid items that include a quote from the contractor
- 3) Lump sum quote from the contractor
- 4) Force account information such as required Labor, Material & Equipment

Also note all other consideration that are to be included within this Contract Modification, such as but not limited to;

- 1) Specification and or testing revisions
- 2) Design revisions
- 3) Time extensions

The Descriptions of the Contract Modification

Short Description

The scope of work is to remove and replace a 24" x 54' option III pipe at sta 5+75

Description of Changes

This Contract Modification will be paid using a combination of existing bid prices and agreed prices.

The following item will be paid using existing bid items;

403.213 HMA 12.5 mm @ approx. 58 tons @ 2"

403.210 HMA 9.5 mm @ approx 40 tons @ 1 1/2"

610.08 Rip Rap \$65/cy, approx. 20 cy

618.14 Seeding Method 2 \$50/un, approx. 6 units

652.38 flaggers, 3 flaggers @ 10 hr per day for 3 days

The following item will be paid using this contract modification at agreed prices.

603.19 ,24" option III, 56' length \$225.00/ft = \$12,600

652 Maintenance of Traffic \$850 ls

The contract completion date will be revised from Sept 12, 2008 to Sept 15, 2008

Contract Modification

1. Once this Contract Modification has been signed by the Resident, PM and Contractor, the work may begin
2. Additionally, the some of the quantities in the contract modification are estimates and will need to be measured and verified in the field which may change the cost of the contract modification up or down.

Example Documentation:

How to install and document item

508.13

MEMBRANE

WATERPROOFING

Construction Manual/Standard Details

- Read Item 508 in MaineDOT Standard Specifications (Gold)
- There is no Standard Detail for this item

Record Keeping Manual

- Note describing contactors preparation and installation of Membrane
- Notes of crew, equipment, weather & Temps
- Manufactures product name and verify the MDOT approved product list.

- 508.04 General The Contractor shall store and install the membrane and all associated components in accordance with the manufacturer's published recommendations. Priming and membraning shall only be done when the air and concrete temperatures are above 6°C [40°F] and the surfaces that are to receive the primer and membrane have a moisture content at, or below, 6%. The moisture content will be checked with a "Sovereign Portable Electronic Moisture Master" meter, or an approved equal. Primer or membrane shall not be applied or installed until the concrete has been in place for a minimum of 10 days. Membrane waterproofing remaining on existing structures to be rehabilitated shall be completely removed to the primed surfaces. **The entire deck shall be shot blasted to achieve an anchor profile which is clean of all foreign materials, such as oil or grease, and any sharp protrusions removed, and free of laitance.** The Contractor shall have a copy of Technical Guideline No. 03732, published by the International Concrete Repair Institute. The final concrete surface profile shall range between a CSP 1 and a CSP 5 as defined by this Guideline.



Shot Blasting will remove 15 to 40 mils of concrete off the surface by propelling steel shot onto the floor. This provides for a light to heavy textured sidewalk finish. Shot Blasting will blast patterns that range from 6" to 30" in width. This preparation process creates an ideal bonding profile for thick mil coatings (25 mils and above).



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Doing Business

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Flagger Resources

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CADD Support

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Transportation Research

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Qualified Products List

Users are responsible for confirming content of this web site. Please contact us with any questions or comments.

Product Acceptance Criteria and Information links are now included in the Qualified Products lists.

- [Concrete & Bridge](#)
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- [Environmental](#)
- [Geotextiles](#)
- [Electrodes](#)

- [Asphaltic Plug Joints \(PDF\)](#)

- [Grout Materials \(PDF\)](#)
- [Macro Synthetic Fibers for Concrete Reinforcement \(PDF\)](#)
- [Rapid Setting Concrete Patching Materials \(PDF\)](#)
- [Retaining Wall Systems \(PDF\)](#)
- [Silicone and Polyurethane Joint Sealants \(PDF\)](#)
- [Waterproofing Membranes \(PDF\)](#)



Waterproofing Membranes and/or Materials

4/25/2019
7:03 AM

High Performance - Spray Applied

Bridge Preservation LLC

www.bridgepreservation.com

REF	13-049	Product Name	Bridge Deck Membrane (BDM)	Recertification Due	6/15/2022
Description	Rapid setting, 100% solids, two-component polymer product. Bridge Deck Membrane™ is used as a waterproof membrane with dielectric properties for protection against typical corrosion conditions that exist on many rail and DOT structures.				
Other Information	Can be applied in temperatures down to -20°F without effect on setup time or curing.				

D.S. Brown Company

www.dsbrown.com

DEC	14 000	Product Name	DarkCured Membrane	Recertification Due	6/15/2022
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Chase Corp. (MA)

www.chasecorp.com

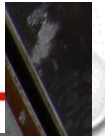
REF	72-000	Product Name	Royston 10AN Easy Pave	Recertification Due	10/31/2023
Description	ROYSTON BRIDGE MEMBRANE 10AN EASY PAVE is a prefabricated reinforced laminate consisting of an impregnated fiberglass, non-woven, high strength inner mat sandwiched between layers of a polymer modified bitumen. An "open" spun-bonded polyester top mat provides ease of installation, mechanical protection against foot and vehicular traffic and instant adhesion to the compacted pavement interface. A unique 3-inch leading edge guarantees a positive compound-to-compound seal at the overlap. Transverse seals are easily made using a simple propane torch. The membrane shall include the use of Royston's Roybond 713B low VOC adhesive applied according to the manufacturer's specifications. The membrane should be applied at ambient temperatures of 35°F or higher.				
Other Information	The hot asphalt overlay should be between 290°F and 340°F at the time of application. A minimum of 1-1/2 inches of compacted asphalt is desirable.				

- 508.04 General The Contractor shall store and install the membrane and all associated components in accordance with the manufacturer's published recommendations. Priming and membrane shall only be done when the air and concrete temperatures are above 6°C [40°F] and the surfaces that are to receive the primer and membrane have a moisture content at, or below, 6%. The moisture content will be checked with a "Sovereign Portable Electronic Moisture Master" meter, or an approved equal. Primer or membrane shall not be applied or installed until the concrete has been in place for a minimum of 10 days. Membrane waterproofing remaining on existing structures to be rehabilitated shall be completely removed to the primed surfaces. The entire deck shall be shot blasted to achieve an anchor profile which is clean of all foreign materials, such as oil or grease, and any sharp protrusions removed, and free of laitance. The Contractor shall have a copy of Technical Guideline No. 03732, published by the International Concrete Repair Institute. The final concrete surface profile shall range between a CSP 1 and a CSP 5 as defined by this Guideline. Areas where rapid setting patching materials have been placed shall be cured for a minimum of 72 hours, or longer when recommended by the product manufacturer, prior to applying primer or installing membrane. **All surfaces shall then be swept and cleaned by brooms and compressed air, as directed by the Resident**



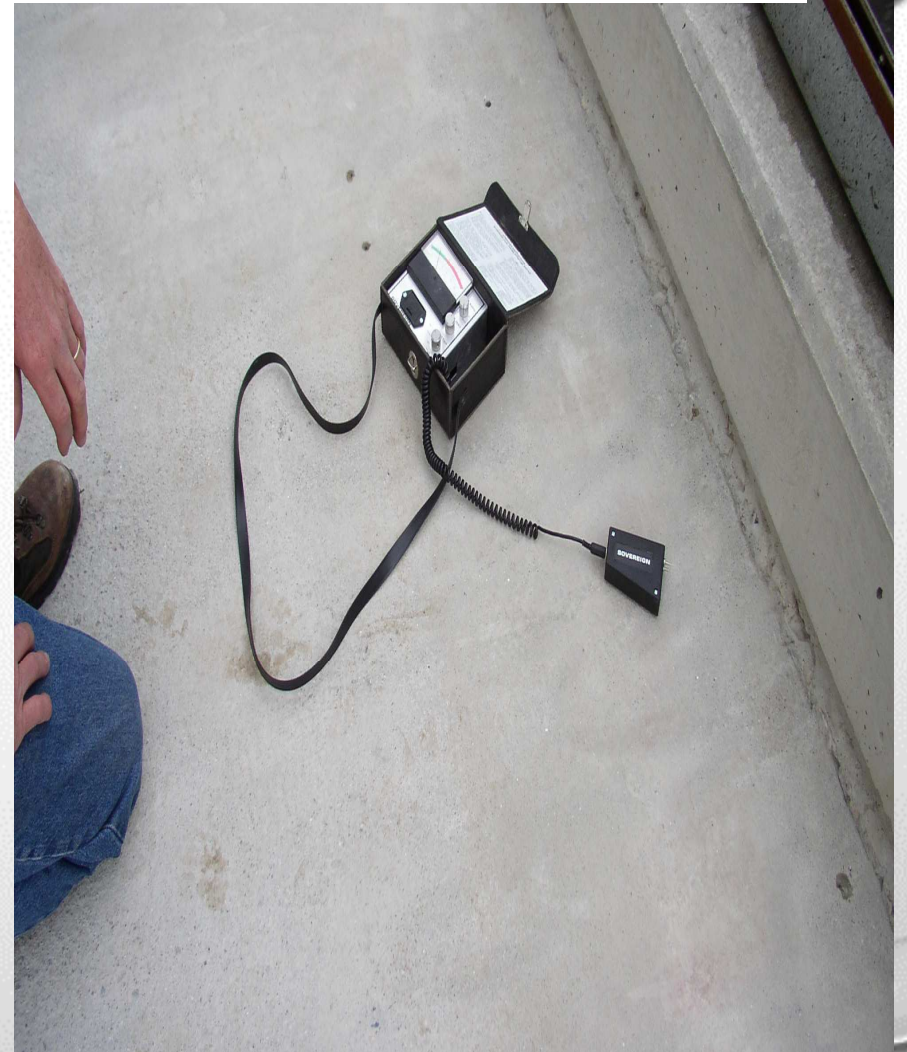
How to you clean all the Steel Pellets??





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09/30/2009

SOKKIA

NAPLES FIELD
BOOK

STP-2046(600)

CROCKET BRIDGE

OVER

MUDDY RIVER

CONSTRUCTION

BOOK #3

No. 8152-60

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Users are responsible for confirming content of this web site. Please contact us with any questions or comments.

Product Acceptance Criteria and Information links are now included in the Qualified Products lists.

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Other Information	Can be applied in temperatures down to -20°F without effect on setup time or curing.				

D.S. Brown Company

www.dsbrown.com

DEC	14 000	Product Name	DeckGuard Membrane	Recertification Due	6/15/2022
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Chase Corp. (MA)

www.chasecorp.com

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Other Information	The hot asphalt overlay should be between 290°F and 340°F at the time of application. A minimum of 1-1/2 inches of compacted asphalt is desirable.				



July 10, 2018

Tuesday

Sunny 75

Pg 28

Item 508.13 Membrane

AD Rossi on site to install membrane on Bridge Deck. The Deck was "shot Blasted" using a Blastrac Machine with small black steel pellets. The deck was blasted complete and free of Latance.

3 Moisture readings were taken using a Sovereign portable electronic moisture master with results of 3.2, 3.2 and 3.3. Readings were taken at sta 1+05 CL, Sta 1+25 6 ft rt, and sta 1+35 6 ft left.

Rossi primed the deck using Royston Raybond 713, Batch no. BA 23808. Rossi placed 165 Square Yards of Royston 10 AN Easypave membrane. All edges were sealed with mastic. The primer and membrane are on the Maine DOT Approved products list.

Entered BY: Bill Bitterman 7-10-18

QUESTIONS

