



CHAPTER 12B

QUALITY

The Contract documents specify the minimum requirements for the quality of Materials and Work to be furnished or performed under the Contract. The Resident Engineer (RE) must assure that the Materials incorporated and Work performed by the Contractor is in conformance with Contract requirements.

If the RE has questions about or problems determining the quality requirements, contact the Region Assurance Specialist (RAS) or the Contract Administration Unit (CAU) for assistance.

The RE must be continually observant to verify that necessary inspection, sampling, testing, and measurements are performed and that inspection reports, test results, calculations and other conformance documents are prepared promptly and verified by a second person.

As specified in Subsection 00165.70, the RE must not allow the Contractor to incorporate Materials into the Project without acceptable conformance documents. This condition may be temporarily waived only if the Material must be installed for immediate traffic safety, but no payment will be made for the value of the Materials, or the costs of incorporating them, until acceptable conformance documentation is received and/or testing is performed.

For each Project, the RE must become familiar with the quality compliance requirements for all of the Materials that are to be incorporated. The RE must also assure that the Contractor is aware of quality documentation required to be submitted or sampling and testing that must be performed.

NOTE: *The Agency and Design-Builder's quality management and compliance roles, responsibilities and requirements are significantly different in Design-Build Projects. Refer to Subsection DB150.20 and Sections DB154, DB155 and DB156. See the Design-Build Contract Administration Manual.*

Consult the following sources to determine the quality requirements for a Project:

- The Project Special Provisions
- The Project Plans
- Standard Drawings
- Contract Change Orders
- The Standard Specifications
- The Supplemental Standard Specifications
- ODOT's Qualified Products List (QPL)
- The Nonfield-Tested Materials Acceptance Guide
- The Manual of Field Test Procedures, which includes:
 - The Field Tested Materials Acceptance Guide
 - The Field Tested Materials Small Quantity Guideline

There are two (2) types of Material quality documentation: nonfield-tested and field-tested. There is a Test Summary form 734-1902A or 734-1902B (or 734-1902C) for each type of documentation. Some Pay Items

may require the use of both Test Summary A and B forms to enter different Materials for that item. An example of this would be for a bid item for pipe, which would require quality documentation for the pipe Materials to be entered on Test Summary A (Nonfield-Tested Materials), and the pipe trench compaction and backfill documentation and testing information to be entered on Test Summary B (Field-Tested Materials).

The RE must assure that the Test Summary sheet(s) are completed for each Pay Item, before Work starts, to determine what type of documentation is needed prior to receipt, placement, and payment of Materials needed for the Project.

Record the quality documentation on the Test Summary sheets as the Work progresses to assure that the Material complies with quality requirements. The purpose of the Test Summary is to verify that the proper and adequate quality documentation has been furnished.

As stated in Subsection 00195.60, before the RE authorizes payment for Materials on Hand (MOH). Refer to Chapter 12F – Materials on Hand, if requested by the Contractor, the Materials shall, among other things:

- Meet contract specification requirements.
- Have the required material conformance documents on file with the Engineer.

The RE must assure that all Project documentation is continuously and currently maintained throughout the life of the Project.

12B-1 Nonfield-Tested Materials

The RE will accept nonfield-tested Materials according to the individual Materials Specifications or to the Nonfield-Tested Materials Acceptance Guide (NTMAG) version in effect at the time of the Project Advertisement date. This document is to be used as a guide for documentation required for acceptance of Materials on ODOT construction Projects, but its use does not relieve the user from following the requirements specified in the Project documents. New Materials or Materials which are infrequently used may not be listed in the NTMAG. The NTMAG does not have precedence over the Special Provisions, Contract Plans, or Standard Specifications.

The RE may accept relatively small quantities of some nonfield-tested Materials without normal sampling and testing, as long as other documentation is furnished as defined in the guidelines for acceptance under the small quantity method shown in the NTMAG.

Record documentation for nonfield-tested Materials on the Test Summary A, form 734-1902-A:



TEST SUMMARY FOR NON-FIELD TESTED MATERIALS (A)

PROJECT NAME OR126: Florence - Eugene Shoulder Widening Section											CONTRACT NO. 15222				SHEET 1 OF 15									
PREPARED BY Justin Cary											DATE 5/26/2022													
											10	20	30	40	50	60	ITEM NO.	UNIT	ORIGINAL QUANTITY	FINAL QUANTITY				
LINE	DATE OF SAMPLE, TEST, OR INSPECTION	PAY NOTE OR FIR REPORT NO.	DATA SHEET NO. OR MATERIALS LAB. "I" REPORT NO.	INSPECTION/ LAB REPORT NO.	TEST RESULTS CERTIFICATE	QUALITY COMPLIANCE CERTIFICATE	Q* WITH MATERIALS "I" REPORT NO.	EQUIPMENT LISTS AND DRAWINGS	CERTIFICATE OF MATERIALS ORIGIN	Mobilization	TP & DT	Temporary Signs	Temporary Barricades, Type II	Temporary Barricades, Type III	Pedestrian Channeling Devices	20	30	40	50	60				
																LS	SQFT	EACH	EACH	FOOT				
		F		L	T	Q	QI	E	O	NDR	L = TCIR	F, QPL	F, QPL	QPL	QPL									
																INCORPORATED QUANTITIES					EXPLANATIONS AND NONCOMPLIANCE MATERIALS DESCRIPTION			
1	2/8/2021	01										321.8 sqft								QPL# 4548, 1821, 2795, 4932 / Signs & Supports / BI0030 Est01 Note01				
2	2/8/2021	01												7						QPL# 2303 / BI0050 Est01 Note01				
3	4/12/21																			Nate Neal RAS Review				
4	5/11/2021	02										82 sqft								QPL# 4548, 1821, 2795, 4932 / Signs & Supports / BI0030 Est04 Note02				
5	7/12/2021																			Nate Neal RAS Review				
6	5/17/2021	03										94								QPL# 4548, 1821, 2795, 4932 / Signs & Supports / BI0030 Est09 Note03				
7	2/7/2022																			Nate Neal RAS Review				
8																								
9																								
10																								
11																								
12																								
13																								
14																								
15																								

Compile nonfield-tested Material quality documentation in accordance with e-Construction protocol.

Nonfield-tested Material Quality Documentation

Nonfield-tested Material quality documentation includes, but is not limited to, the following:

1. FIR - Field Inspection Report, found in Paynote form 734-2605. Examples of when this form is used are when materials are visually verified or when other supporting quality documentation is required.



Pay Note (New Field Inspection) (Project Work Record)

US101 Columbia River (Astoria-Megler) Bridge		0030	01	01	C15285
Project Name		Bid/Pay Item	Estimate	Pay Note	Contract
Materials Delivered for this Project					
Tubular Markers		2021.09.13	S&K PAINTING, INC		
Type of Material		Date Delivered	Delivered to (Name of Contractor/Subcontractor)		
JBC Safety		0.00	N/A		
Source of Material (Manufacturer or Fabricator)		Quantity Rejected	Rejection explanation/reason		
36.00	EA	36.00	ON SITE		
Quantity Delivered	Unit	Quantity Received	Where Inspected		
36.00		36.00	Bryan Eddy		
Total Accepted to Date	Estimated Total Required		Inspector Name		
			48946		
			Cert. #		

Tubular Markers appear to comply with specification 00224.10.

Remarks




Materials Delivered for this Project

2. FIS - Field Inspection Sticker, form 734-2207. This sticker is used in conjunction with items on the QPL, manufacturer's test results and manufacturer's Materials certifications.

			FIELD INSPECTION		
CONTRACT NO.		REPORT NO. FOR BID ITEM NO.			
14789		1 4012 A			
MANUFACTURER OR FABRICATOR		BID ITEM NAME			
ACCESS PRODUCTS		RAMP IMPROVEMENTS			
QUANTITY DELIVERED	QUANTITY ACCEPTED	QUANTITY REJECTED (EXPLAIN)			
12	12	0			
VERIFIED ON MATERIALS					
<input type="checkbox"/> HEAT, LOT, OR BATCH NO.		<input type="checkbox"/> AASHTO/ASTM SPEC. NO.		<input checked="" type="checkbox"/> OBJECT LABEL OR MARK	
SUPPORT DATA					
<input type="checkbox"/> TEST RESULT CERTIFICATE		<input type="checkbox"/> QUALITY COMPL. CERTIFICATE		<input checked="" type="checkbox"/> QPL	
<input type="checkbox"/> CMO		<input type="checkbox"/> EQUIPMENT LIST & DRAWINGS		<input type="checkbox"/> OTHER (EXPLAIN)	
INSPECTED BY		DATE		CERT. NO.	
Orlando Wood		10/16/18		42970	
REMARKS					
LISTED AS 'A' ON QPL					
734-2207 (5/07) Stk #203263					

3. T - Test Result Certificate. As required by 00165.35(a), a test results certificate must:

- Be from the manufacturer verifying that the Material furnished has been sampled and tested and the test results meet the Specifications.
- Include, or be accompanied by, a copy of the specified test results (ODOT, AASHTO, ASTM, UL or other).
- Identify the testing agency and the representative responsible for the test results.
- Permit positive determination that the Material delivered to the Project is the same Material covered by the test results.
- Be delivered to the Engineer with the shipment of the Material.

	UNYTITE INC. <small>INNOVATIVE FASTENING SYSTEMS</small>	Unytite, Inc. One Unytite Drive Peru, IL 61354 Tel 815-224-2221 Fax 815-224-3434	<h2 style="margin: 0;">INSPECTION CERTIFICATE</h2>																												
Job No: 35561		Job Information	Certified Date: 12/16/21																												
Customer: PLATTE ANCHOR BOLT Customer Part No: Customer PO No: 176917SP Lot Number: 35561-212523		Ship To: Denver, CO Shipped Qty: 7,800																													
Part Information																															
Part No: A563 7/8-9 +0.022 DH HHN HDG BLUE DYE-08 Name: ASTM A563 HHN, Grade DH, HDG, Blue Dye Manufactured Quantity: 80,702																															
Applicable Specifications																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Specification</th> <th style="text-align: left;">Amend</th> </tr> </thead> <tbody> <tr> <td>ASME B1.1</td> <td>2019</td> </tr> <tr> <td>ASME B18.2.6</td> <td>2019</td> </tr> <tr> <td>ASTM F2329/F2329M</td> <td>2015</td> </tr> <tr> <td>ASTM F812</td> <td>2017</td> </tr> </tbody> </table>	Specification	Amend	ASME B1.1	2019	ASME B18.2.6	2019	ASTM F2329/F2329M	2015	ASTM F812	2017	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Specification</th> <th style="text-align: left;">Amend</th> </tr> </thead> <tbody> <tr> <td>ASME B18.2.2</td> <td>2015</td> </tr> <tr> <td>ASTM A563/A563M</td> <td>2021</td> </tr> <tr> <td>ASTM F606/606M</td> <td>2019</td> </tr> </tbody> </table>	Specification	Amend	ASME B18.2.2	2015	ASTM A563/A563M	2021	ASTM F606/606M	2019												
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Notes																															
All tests are in accordance with the latest revisions of the methods prescribed in the applicable SAE and ASTM Specifications.																															
The samples tested conform the specifications as described/listed above and were manufactured free of mercury contamination and there is no welding performed in the production of the products. No heats to which Bismuth, Selenium, Tellurium, or Lead was intentionally added have been used to produce products.																															
The steel was melted and manufactured in the U.S.A. and the product was manufactured and tested in the U.S.A.																															
We certify that this data is true representation of information provided by the material supplier and our testing laboratory. This certified material test report relates only to the items listed on this document and may not be reproduced except in full.																															
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> OFFICIAL SEAL PENNY J MAUTINO NOTARY PUBLIC, STATE OF ILLINOIS <small>My Commission Expires 3/2/25</small> </div>								12/16/21 Date																							
					Thorsen, Chris - Supervisor, Quality																										

4. Q - Quality Compliance Certificate. As required by 00165.35(b), the quality compliance certificate will come from the manufacturer, and will:
- Verify that the Material meets the Specifications, and identify by number the specified test methods used, (ODOT, AASHTO, ASTM, UL, or other).
 - Permit positive determination that Material delivered to the Project is the same Material covered by the certificate.
 - Be delivered to the Engineer with the shipment of Material, or be an identification plate or mark, decal, sticker, label or tag attached to the container or Material.



UNIVERSAL
G A L V A N I Z I N G

510 E SOUTH FIRST STREET
WRIGHT CITY, MO 63390
PHONE: 636-791-2016 FAX: 636-745-0667

December 13, 2021

UNYTITE, INC.
1 UNYTITE DRIVE
PERU, IL 61354
CERTIFICATE

RE: GALVANIZING
PO# 10173

PART #/DESCRIPTION	LOT #	COATING THICKNESS	QUANTITY
A563- 3/4-10 +0.020 DH HHN HDG Blue Dye 08 / ASTM A563 HHN, Grade DH, HDG	35657-5804750603	3.8 AVG MILS	118,604
A563- 7/8-9 +0.022 DH HDG BLUE or DYE 08 / ASTM A563 HHN< Grade DH, OverTap HDG	35667-212523	3.8 AVG MILS	26,002
A563- 3/4 0 +0.022 DH HHN HDG Blue Dye 08 / ASTM A563 HHN Grade DH HDG, Blue Dye	35561-212523	3.8 AVG MILS	80,702

THIS WILL CERTIFY THAT THE MATERIAL GALVANIZED ON THE ABOVE JOB MEETS ASTM F2329 AND ASTM A153 SPECIFICATIONS. THIS MATERIAL WAS GALVANIZED IN THE USA AT UNIVERSAL GALVANIZING INC IN WRIGHT CITY, MO AT A ZINC BATH TEMPERATURE OF 840° WITH A PLUS MINUS VARIANCE OF 5°. THE MATERIALS ITEMIZED IN THIS SHIPMENT ARE CERTIFIED TO BE IN COMPLIANCE WITH THE APPLICABLE ASTM STANDARDS AND THE IOWA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, IMs AND MEET THE BUY AMERICA REQUIREMENTS AS DESCRIBED IN IM 107 FOR ALL STEEL, IRON PRODUCTS AND COATINGS.

Lewis Parks

Lewis Parks, Plant Manager

5. E - Equipment Lists and Drawings – These consist of lists of proposed Equipment and Materials, such as: Shop drawings, Material lists, equipment lists, catalog description sheets and manufacturer's brochures. Submit these lists to the Engineer for review of conformance with the Specifications.
6. I – Fabrication Inspection report from the Structure Services ODOT Materials Laboratory. The Inspection Report will be issued for all Materials inspected by ODOT Materials Laboratory staff, such as concrete beams, permanent signs and concrete barrier. The RE office will complete the bottom portion of the report after inspecting the Materials delivered to the Project.



FABRICATION INSPECTION REPORT

Materials Laboratory, 800 Airport Road SE, Salem OR 97301

Project Name: US101: Devils Lk Outlet, Schooner Cr & Siltcoos R Brs			Inspection No. 15218	
Highway Oregon Coast Highway		County Various		Contract No. C15075
Contractor Freyssinet Inc		FA Project No. S009(474)		Expenditure Account CON04138
Project Manager Steve Schultz		Reported By McHugh, Matthew		Date Reported 10/17/2022
Shipment Of Galv, powder coated 3-tube rail, modified		Shipping Point Seattle, WA	Destination Jobsite	
Consigned To Freyssinet Inc		Specification ODOT Std 00587		Bid Item No. 0640, 1110
Inspected At Pacific Sheet Metal		Inspected By McHugh, Matthew		Date Inspected 3-18-22
Report No.	Quantity Represented See Below	Quantity Previously Reported		Total Quantity Reported

Quantity	Unit	Description	Bid Item No.	Comments
1	LS	Galv, PC Green 3-Tube Steel Rail, Modified, W/SS Hardware	0640	(Devils Lake Outlet Bridge, Structure # 00922A),(Approx. 100' each side of
1	LS	Galv, Powder Coated Green, 3-Tube Steel Rail, Modified	1110	(Schooner Creek Bridge, Structure # 00924A),(Approx. 250' each side of

Units are subject to field inspection for final acceptance pursuant to the current edition of the Oregon Standard Specifications for Construction.

MATERIAL REPRESENTED BY THIS REPORT ☒ **DOES** ☐ **DOES NOT** **COMPLY WITH SPECIFICATIONS**

Based on: Inspection ☒ Certification ☒ Lab ☐

Remarks

Items are tagged for delivery.
 Anchors for structure # 00922A are reported on Inspection # 14798.
 Stainless Steel Threaded Rods for Structure # 00924A are reported on inspection #14797.
 3/4" A193 B7 Bolts, nuts and washers are reported on inspection # 14891.



Scott Nelson, Structure Services Engineer

FIELD USE ONLY

FIELD INSP. NO.	BID ITEM NO.	QUANTITY ACCEPTED	TOTAL TO DATE	QUANTITY REJECTED (EXPLAIN)
MATERIAL REPRESENTED BY LAB REPORT ABOVE RECEIVED ON JOB VERIFIED BY <input type="checkbox"/> SAMPLE NUMBER <input type="checkbox"/> ODOT TAG MARK <input type="checkbox"/> AASHTO/ASTM MARK <input type="checkbox"/> OTHER (EXPLAIN BELOW)				INSPECTED BY DATE
REMARKS				

DISTRIBUTION: Files Portland Materials Lab Steve Schultz Freyssinet Inc Markus Schaff
 Philip Lane Kim Johnson Josh Gann

7. L - Laboratory report from the Salem ODOT Materials Laboratory for Materials that have been sampled and submitted to the Lab for testing, or for a certification evaluation for conformance to the Specifications.

OREGON DEPARTMENT OF TRANSPORTATION
MATERIALS LABORATORY
800 AIRPORT RD. SE SALEM, OR 97301-4792

Page 1 of 1
(503) 986-3000
FAX (503) 986-3096

Contract No.: C15211	EA No.: CON04329	Lab No.: 21-001686
Project: OR99/I-5/OR234 CURB RAMPS		
Highway: VARIOUS	County: JCKSN/JSPH	Data Sheet No.: F41333 421
Contractor: BROWN CONTRACTING INC		FA No.: SA00(345)
Project Manager: TIMOTHY FLETCHER	Org Unit: 3822	Bid Item No.: 0570
Submitted By: JOHN GREY	Org Unit: 7865	Sample No.:
Material Source: POTTERS IND		Qty Represented:
Sampled At: POTTERS IND	Sampled By:	Witnessed By:
DATE-Sampled: 21/ 7/30	Received: 21/ 7/30	Tested: 21/ 8/ 4
Class/Type: Verification	Use:	Date Reported: 21/ 8/ 4

TEST REPORT: GLASS SPHERES FOR TRAFFIC PAINT
SPECIFICATION : AASHTO M 247, Type I
COATING : AC110-DiAmino & Silicone

Rack # : CN-H-072621-707 CN-H-072621-713				
Screen #	% Passing	% Passing	Averages	Specs.
20	100.0	99.82	99.91	95-100
30	84.03	82.11	83.07	75.95
50	24.33	18.65	21.49	15-35
100	0.11	0.08	0.10	0-5

Spec. Grav. :	2.40 - 2.55
Spheres :	80 % Min.
Coating : PRESENT	PRESENT
Refrac Index :	1.50 Min.
Appearance : OK	OK Transparent, clean, colorless

593X	= \$ 0.	TOTAL CHARGES: \$ 0.00
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REMARKS:
Material represented by sample DOES comply with specifications.

*

KEVIN BROPHY - LABORATORY SERVICES MANAGER

REPORT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL OF THIS LABORATORY.

C: FILES ;D CHESS - NEW PRODUCTS ; PROJ MGR: TIMOTHY FLETCHER ; REG 3 Q.A.C. ; BROWN CONTRACTING INC ; PORTLAND MATERIALS DOC EXPRES

8. Certificate of Materials Origin (CMO), form 734-2126. Required on **all** Federal Aid Projects **and** certain State funded Projects as part of the Buy America requirements specified in Subsection 00160.20.
 - a. CMO for Domestic Materials Source.
 - b. CMO for Foreign Material Source or Materials of unknown origin.



CERTIFICATE OF MATERIALS ORIGIN

PROJECT NAME (SECTION) US 101: Tahkentic Cr & Over Rand Rd Bridges		CONTRACT NO. 15,275		
BID ITEM NO. 520	BID ITEM NAME Anchor Rods, Nuts & Washers for Siesmic Brkts			
DOMESTIC MATERIAL SOURCE (NAME AND ADDRESS) Platte Anchor Bolts - Denver, CO, Vulcan Threaded Products - Pelham, AL, Unytite Inc. - Peru, IL, Wrought Washer - Mount Pleasant, WI, Binder Metal Products - Gardena, CA				
DOMESTIC MATERIALS DESCRIPTION Steel threaded rods, nuts & washers - 5/8" & 7/8"				
FOREIGN MATERIALS SOURCE INCLUDING MATERIAL OF UNKNOWN ORIGIN (NAME AND ADDRESS)				
FOREIGN MATERIALS (OR OF UNKNOWN ORIGIN) DESCRIPTION AND VALUE OF IRON OR STEEL PRODUCT AS IT IS DELIVERED TO THE PROJECT				
<p>This certification is made for the purpose of establishing materials acceptance under the Contract Special Provisions titled 00160.20(a) Buy America. All iron or steel manufacturing processes, including protective coatings, for the domestic materials described above occurred within the United States of America.</p> <p>Manufacturers' certificates verifying the origin of the above described domestic materials will be kept on file for three years following final payment. Copies will be furnished to the Engineer upon request.</p> <p>I declare under penalty of perjury under Oregon and Federal laws that the foregoing is true and correct.</p> <table style="width: 100%; margin-top: 20px;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">AUTHORIZED REPRESENTATIVE*</p> <p>NAME: HAROLD TAYLOR TITLE: VICE PRESIDENT</p> <p>SIGNATURE: </p> <p>DATE: 6/2/2022</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">COMPANY* NAME AND ADDRESS</p> <p>Hogan Fab, Inc 5722 SE Johnson Creek Blvd. Portland, OR 97206</p> </td> </tr> </table>			<p style="text-align: center;">AUTHORIZED REPRESENTATIVE*</p> <p>NAME: HAROLD TAYLOR TITLE: VICE PRESIDENT</p> <p>SIGNATURE: </p> <p>DATE: 6/2/2022</p>	<p style="text-align: center;">COMPANY* NAME AND ADDRESS</p> <p>Hogan Fab, Inc 5722 SE Johnson Creek Blvd. Portland, OR 97206</p>
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Submit a new certificate for subsequent shipments if any of the above information changes.		*May be Contractor, Sub-Contractor or supplier		



CERTIFICATE OF MATERIALS ORIGIN

PROJECT NAME (SECTION) US101: Neahkahnie to Cape Creek		CONTRACT NO. 15087
BID ITEM NO. 0240	BID ITEM NAME GALVANIC ZINC ANODES	
DOMESTIC MATERIALS SOURCE (NAME AND ADDRESS)		
DOMESTIC MATERIALS DESCRIPTION		
FOREIGN MATERIALS SOURCE INCLUDING MATERIAL OF UNKNOWN ORIGIN (NAME AND ADDRESS)		
UNKNOWN		
FOREIGN MATERIALS (OR OF UNKNOWN ORIGIN) DESCRIPTION AND VALUE OF IRON OR STEEL PRODUCT AS IT IS DELIVERED TO THE PROJECT		
Steel wire component of galvanic zinc anodes - (50 anodes) x \$0.10 ea = \$5.00		
<p>This certification is made for the purpose of establishing materials acceptance under the Contract Special Provisions titled 00160.20(a) Buy America. All iron or steel manufacturing processes, including protective coatings, for the domestic materials described above occurred within the United States of America.</p> <p>Manufacturers' certificates verifying the origin of the above described domestic materials will be kept on file for three years following final payment. Copies will be furnished to the Engineer upon request.</p> <p>I declare under penalty of perjury under Oregon and Federal laws that the foregoing is true and correct.</p>		
AUTHORIZED REPRESENTATIVE* NAME: <u>Kellie Wanke-Hanks</u> TITLE: <u>Project Engineer</u> SIGNATURE: <u><i>Kellie Wanke</i></u> DATE: <u>8/13/2019</u>		COMPANY* NAME AND ADDRESS: Hamilton Construction Co. PO Box 659 Springfield, OR 97477
<small>Submit a new certificate for subsequent shipments if any of the above information changes.</small>		<small>*May be Contractor, Sub-Contractor or supplier</small>

A CMO is needed to certify that all iron or steel manufacturing processes, including protective coatings, for the domestic Materials occurred within the United States of America.

A CMO is not needed for temporary items or for items incidental to the construction, such as tie wire, reinforcement chairs, or snap ties. The complete FHWA Buy America requirements are available on the FHWA website at: <http://www.fhwa.dot.gov/construction/cqit/buyam.cfm>. Refer to the

Buy America Exempted Item List for information on exempted items. For projects awarded after July 1, 2024, the Buy America Exempted Item List will no longer be allowed for use per FHWA local division office.

Iron or steel of unknown origin is considered to be of foreign origin. The Agency will not pay for any foreign iron or steel materials that exceed the allowable value for the Project. Complete a Foreign Steel Summary, form 734-1968, listing all iron or steel Materials of foreign or unknown origin. Refer to Chapter 37 – Submittal of Final Project Documentation.

For Projects with federal authorization after August 15, 2023, the Contractor must provide the RE with a Construction Materials Certificate of Materials Origin (CCMO), form 734-5378b, before incorporating any construction materials into the Project. If a CCMO indicates the origin of materials is unknown, the Materials are considered to be foreign.

For any projects with federal construction authorization between November 10, 2022 and August 15, 2023 the contract does not provide for the acceptance of a de minimis amount of foreign Construction Materials. Any foreign construction materials must be removed and replaced. For these projects the Contractor must provide the RE with a Construction Materials Certificate of Materials Origin (CCMO), form 734-5378, attesting the construction materials were produced in the United States. If there is any question about whether the project allows the de minimis amount of foreign construction materials, the language in the Special Provisions under 00160.20(d) will identify if there is an allowance for foreign construction materials.



Construction Material Certificate of Materials Origin

[Print Form](#)

Project Name (Section) _____

Contract No. _____

Bid Item No. _____

Bid Item Name _____

Domestic Materials Source

Name _____

Address _____

Description (maximum 500 characters)

Foreign Materials Source (including material of unknown origin)

Name and Address

Description and Value of Construction Materials as delivered to the project.

The total value of the non-compliant products (foreign or unknown origin) is no more than the lesser of \$1,000,000 or 5% of total applicable costs for the project.

This certification is made for the purpose of establishing materials acceptable under the Contract Specifications titled 00160.20(d) Build America Buy America. All manufacturing processes for the domestic materials described above occurred within the United States of America.

Manufacturers' certificates verifying the origin of the above described domestic materials will be kept on file for three years following final payment. Copies will be furnished to the Engineer upon request.

I declare under penalty of perjury or falsification under Oregon and Federal laws that the foregoing is true and correct.

Authorized Representative*

Company* Name and Address

Name _____

Company _____

Title _____

Address 1 _____

Sign _____

Address 2 _____

Date _____

City/State/Zip _____

*May be Contractor, Subcontractor or Supplier

Submit a new certificate for subsequent shipments if any of the above information changes.

734-5378b (12-18-2023)

of



Construction Material Certificate of Materials Origin

This form is for projects with federal construction authorization between 11/10/2022 and 8/15/2023
and does not allow the use of any non-domestic Construction Material.

Print Form

Project Name (Section)

Contract No.

Bid Item No.

Bid Item Name

Domestic Materials Source

Name

Address

Description (maximum 1000 characters)

This certification is made for the purpose of establishing materials acceptable under the Contract Specifications titled 00160.20(d) Build America Buy America. All manufacturing processes for the domestic materials described above occurred within the United States of America.

Manufacturers' certificates verifying the origin of the above described domestic materials will be kept on file for three years following final payment. Copies will be furnished to the Engineer upon request.

I declare under penalty of perjury or falsification under Oregon and Federal laws that the foregoing is true and correct.

Authorized Representative*

Company* Name and Address

Name

Company

Title

Address 1

Sign

Address 2

Date

City/State/Zip

*May be Contractor, Subcontractor or Supplier

Submit a new certificate for subsequent shipments if any of the above information changes.

Additional Nonfield-Tested Materials Quality Documentation

1. Traffic Signals

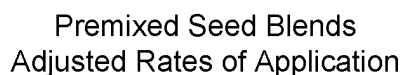
- Blue Sheets - Submittals for Field Qualification – Electrical Equipment and Materials
- Green Sheets - Submittals for Conditional Qualification - Controller Equipment
- Red Sheets - A list of certification exempt traffic management systems components used by ODOT, and other applicable public agencies. Contact the ODOT Traffic-Roadway Section for more information.

Obtain current copies of the Blue, Green, and Red Sheets electronically from the Traffic Section at:

<https://www.oregon.gov/ODOT/HWY/TS/pages/signals.aspx>

2. ODOT's Qualified Products List (QPL) – When specified, only use Materials on the qualified or approved lists. With prior approval from the Construction Section and the RE, products from the Conditional List may be used with concurrence by the Professional of Record (POR). Products that have been incorporated into the Project, and are not listed on the QPL (A or Q), will need to be removed and replaced at the Contractor's expense with a product from the QPL.
3. Product Warranties. Refer to Chapter 41 Warranties/Guarantees/Responsibilities for Materials and Workmanship.
4. Seed Application (permanent). Special Provisions will provide the seed mixes etc. in 01030.13(f). Contractor shall submit availability per 01030.13(g) with a lot number of what will be used on the project. The Construction Office shall use the submittal to verify that it matches the lot number on the seed tag and use the seed tag information to fill out form 734-5180 <https://www.oregon.gov/odot/Forms/20DOT/7345180.xlsx>.

(Premixed Seed Blends Adjusted Rates of Application) and submit it as an FIR attachment during application. An additional FIR will need to be submitted that documents that minimum ground coverage is achieved at the end of the Establishment Period.



Project Name (Section)

Contract No. _____

(Sub)Contractor

Seed Mix Type

Lot/Batch No.

Seed %	
Other Crop Seed %	
Weed Seed %	
Inert Material %	
Total %*	

*should be close to 100%

RESULTS	
Greatest Amount Calc. (from column VIII) =	0.0
Premeasured Acre =	
Greatest Amount Calc. x Premeasured Acre =	0.0

734-5180 (03-09-23)

If, after incorporation into the Project, Materials are found to not meet specifications (non-compliance), the RE, in conjunction with the POR, must determine if the Materials are to be removed and replaced or if they may remain in place as suitable for the use intended (See 00150.25). Materials that are not in close conformance with the Contract requirements, but are found suitable for the use intended, may be accepted provided that an adjustment is made to the amount paid to the Contractor for that item. [Refer to Chapter 12C - Quality Price Adjustments]

12B-2 Field-Tested Materials

Most Agency Projects will include the Quality Assurance Program, under which the Contractor performs all sampling and field testing of Materials. The Agency will perform monitoring, verification testing, and independent assurance testing to verify the quality of Materials represented by the Contractor's tests. Refer to the Quality Assurance Program in the Manual of Field Test Procedures.

Accept field-tested Materials according to the Field Tested Materials Acceptance Guide included in the Manual of Field Test Procedures, or according to the individual Specifications for the Material. Be sure you are using the correct version of this guide. This will be the version in effect at time of Project advertisement. This guide is updated yearly and is available electronically at:

https://www.oregon.gov/ODOT/HWY/CONSTRUCTION/pages/mftp_manual.aspx

FIELD TESTED MATERIALS ACCEPTANCE GUIDE					(Revised November 2021)	Same Frequency for all Tests (Minimums)					
MATERIAL AND OPERATION	DESCRIPTION OF TEST	TEST METHOD			FORM 734-	QUALITY ASSURANCE					
		ODOT	WAQTC	AASHTO		Contractor Quality Control	Independent Assurance/Verification				
Project Manager	Region Quality Assurance				Materials Laboratory						
SECTION 00680 - STOCKPILED AGGREGATES											
(1) Perform at least 3 tests, QL's required (2) May be waived by QAE	Aggregate Base and Shoulders (See Section 00641)	TM 208		T 96							
	Abrasion Degradation				4000	See Section 4A	Submit to Lab		See Section 4A		
	A Sublot equals 2,000 Tons										
	Sampling Aggregates				1792	1/Sublot & Start of Production		1 per 10 Sublots			
	Reducing Aggregates				R 90						
	(1) Sieve Analysis				R 76						
	Un-Washed				T 27						
(2) Sand Equivalent	T 176	1792									
Fracture (Method 1)	T 335	1792	1/5 Sublots & Start of Production								
Aggregate (Sanding Aggregate)											
(1) May be waived by QAE	Sampling Aggregates	TM 227		R 90 R 76 T 27		A Sublot equals 1000 Tons					
	Reducing Aggregates					1/Sublot & Start of Production	1 per 10 Sublots				
	Sieve Analysis				1792						
	Un-Washed										
	(1) Cleanness Value										
	Abrasion Degradation				TM 208	T 96	4000	See Section 4A	Submit to Lab		See Section 4A
	Lightweight Pieces					T 113	4000				
Fracture (Method 1)	TM 229	T 335	1792	1/5 Sublots & Start of Production		1 per 10 Sublots					
Elongated Pieces	TM 225		1792								
Wood Particles											


Small Quantity Table

Section	Type of Material	Approximate Quantity
00330	Earthwork (Embankment)	500 yd ³
00330	Earthwork (Excavation)	500 yd ²
00345 & 00346	Lime & Cement Treated Subgrade	2000 yd ²
00390 & 00395	RipRap & Rock Gabions	100 yd ³
00405	Ditch & Trench Excavation, Bedding and Backfill	50 yd ³
00440	Commercial Grade Concrete (Non-Structural Items)	50 yd ³
00495	Trench Resurfacing	500 Ton
00510	Structure Excavation and Backfill	500 Ton
0A596, 0B596 & 0C596	Retaining Walls	500 Ton
00641 & 00642	Aggregate Sub-base, Base & Shoulders	2000 Ton
00680	Stockpiled Aggregate	2000 yd ³
00730	Asphalt Tack Coat	50 Ton
00735	Emulsified Asphalt Concrete Pavement (includes asphalt cement)	2500 Ton
00745	Asphalt Concrete Pavement (Statistical Acceptance) (ACP-each Level) (includes asphalt cement).	2500 Ton

Test Summary Sheets

Record documentation for field-tested Materials on either the Test Summary B or C forms.

1. The Test Summary B Sheet, form 734-1902B, is used to record all field-tested Materials except concrete Materials.




**TEST SUMMARY FOR
FIELD TESTED MATERIALS (B)**

CONTRACT NO.		SHEET	
15163		2 OF 2	

PROJECT NAME I-205: I-5 to OR213, Phase 3 Section				ITEM NO 52		DESCRIPTION Aggregate Base		UNIT Ton	ORIG. QUANT. 2,200.0	FINAL QUANTITY 1,587.48											
PREPARED BY Henry Ng				DATE 1/25/2021																	
LINE	DATE OF SAMPLE, TEST, OR INSPECTION	REPORT NO.	DATA SHEET NO.	INSPECTION REPORT / LAB REPORT NO.	TESTING BY	TEST METHOD AND FREQUENCY										QUANTITIES		EXPLANATIONS AND NON-COMPLIANCE			
						QUALITY CONTROL BY CONTRACTOR	REGION-QUALITY VERIFICATION	REGION-INDEPENDENT ASSURANCE	CONTRACTOR-INDEPENDENT ASSURANCE (SPLIT SAMPLE)	SOURCE MATERIAL (QUALITY)	MIX DESIGN	Cadman's Commercial Product	Cadman Check Weighing	Proctor Curves	In Place Density	Deflection Test	Cadman Statistical Summary		Cadman's Scale Cert	KR's Check Weighing	Density & Proofroll
1	7/7/20																				
2	7/10/20																				
3	9/25/20																				
4	10/5/20																				
5	10/6/20																				
6	10/7/20																				
7	10/14/20																				
8	3/3/20																				
9	3/3/20																				
10	5/18/20																				
11	5/8/20																				
12	5/28/20																				
13	5/28/20																				
14	5/28/20																				
15	7/7/20																				
16	2/5/20																				
17	5/8/20																				
18	1/26/20																				
19																					
20																					
21																					

734-1902B (8-2009) http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/HwyConstForms1.shtml

2. The Test Summary C sheet, form 734-1902C, is used for all concrete Materials.



**TEST SUMMARY FOR
FIELD TESTED CONCRETE MATERIALS (C)**

CONTRACT NO.		SHEET	
CL5293		1 OF 1	

PROJECT NAME US20: Mervins Samples - Greenwood (3rd St., Bend) Sec.				CLASS OF CONCRETE: Commercial Grade Concrete Class 3000				UNIT	ORIG. QUANTITY	FINAL QUANTITY										
PREPARED BY Stuart Cobine				DATE 4/4/2022																
TESTING FREQUENCIES: 1 set per 20 yds cumulative. Maximum of one set per day.																				
DATE MATERIAL PLACED	BID ITEM #	DESCRIPTION OF WORK (curb, inlet, etc.)	QUANTITY PLACED	ACCUMULATIVE QUANTITY	MIX DESIGN #	TEST METHOD AND FREQUENCY										COMMENTS				
						REGION-QUALITY VERIFICATION	INSPECTION / LAB REPORT NO.	CUMULATIVE CP/R2	AIR CONTENT	SLUMP	CONCRETE TEMPERATURE	DENSITY	W/C RATIO / FIELD	BREAK RESULTS	28-DAY BREAK RESULTS		ADJUSTMENT FOR NON-COMPLIANCE CONCRETE CONTINUES			
		Mix Design			HC 33HS21A															
3/23/22	89		12.50					Y	4.5	4.5	72	140	0.54	x	4310					Reviewed by ODOT
3/24/22	89		15.50					Y	5.6	3	83	139	0.47	x	5350					
3/28/22	85		10.00					Y	4.8	3	80	141	0.47	x	6080					
	89		8.00					N												
3/29/22	89,85		16.00					Y	4.6	3	72	140	0.49	x	5390					
3/30/22	89		17.50					Y	4.9	4.5	70	140	0.47	x	5580					
3/31/22	89		10.00					N	6.5	4	76	138	0.46	x	5900					
4/7/22	89		8.00					Y	4.7	3	64	140	0.46	x	5900					Good Also for BBS
4/8/22	89		7.50					N												
4/9/22	89		7.50					Y	5.8	5	61	140	0.47	x	5160					
4/6/22	89		16.00					N												
4/7/22	89		10.00					Y	5.7	4	69	140	0.48	x	5870					
4/8/22	89		9.00					N												
4/11/22	89		10.00					Y	5.4	3.5	66	139	0.49	x	5670					
4/12/22	89		11.50					N												
4/14/2022	85		5.50					N												
4/15/2022	89		4.50					N												
4/18/2022	85,85		10.00					Y	5.5	4	70	140	0.46	x	6640					
4/18/2022	89		2.50					N												
4/19/2022	89		10.00					N												
4/19/2022	85		3.50					N												
4/20/2022	89		20.00					Y	5.2	5	71	139	0.49	x	5720					
4/21/2022	89		18.50					N												

Doc Express Link

Field-tested Materials with failing test results must also be entered on the Test Summary B or C sheets along with the quantity they represent. For Materials with failing test results, the RE, in conjunction with the POR, must determine if the Materials are to be removed and replaced or if they may remain in place as suitable for the use intended (See 00150.25). Materials that are not in close conformance with requirements, but are found suitable for the use intended, may be accepted provided that an adjustment is made to the amount paid to the Contractor for that item. [Refer to Chapter 12C – Quality Price Adjustments.]

If specified in the Contract, the Contractor may receive a premium price adjustment (bonus) for some Materials, such as ACP, which meet the Contract requirements for such an adjustment. Administer and calculate the adjustment in accordance with the Contract. [Refer to Chapter 12C - Quality Price Adjustments.]

QC/QA Testing Evaluation

Verification/independent assurance tests should be listed on Test Summaries B and C and noted if both verification and IA tests passed or failed. If either one or both failed, clearly show in the Test Summaries that they were resolved. The Contractor's quality control tests cannot be accepted until validated by passing IA and verification tests. Use form 734-5232 to enter both QC and QA data, compute the differences, measure the difference against the IA parameter table and check the appropriate boxes. How the failing test was resolved needs to be addressed on the 734-4040 form, preferably attached to the failing test in question. The QCCS and RE should work together resolving failed IA and verification tests, discussing the tests, and include a proposed resolution.

ACP Aggregate IA/V Results

PROJECT NAME (SECTION)						CONTRACT No.			
MATERIAL DESCRIPTION			BID ITEM No.	DATE SAMPLED		PROJECT MANAGER			
CONTRACTOR			SUPPLIER			SOURCE No.			
QA TEST No. ID	QC TEST No. ID	TEST PROCEDURE or PROCESS UNDER INVESTIGATION - (ONLY IF IAV PARAMETERS NOT MET)							

☐ Met I.A. Parameters
 ☐ Q.A. Met Verification
 ☐ Q.A. Compares Reasonably to Ongoing QC Data
☐ Failed I.A. Parameters
 ☐ Q.A. Failed Verification
 ☐ Q.A. Does Not Compare Reasonably to Ongoing QC Data

Note: According to QA Program, VI. Product Specific QC/QA Testing Plan, any failing condition will prompt an Investigation.

Gradation Sieve Size	Tolerances (±)	Contractor Q.C. Results	ODOT Q.A. Results	JMF Target	Specifications		Difference	IA Parameters	Met IA Parameters	Out of IA Parameters
					Lower	Upper				
#200										

Particle Analysis

Fracture two face	Contractor Q.C. Results	ODOT Q.A. Results	JMF Target	Specifications		Difference	IA Parameters (±)	Met IA Parameters	Failed IA Parameters
				Lower	Upper				
1"									
3/4"									
1/2"									
#4									
Fracture one face									
#8									
Wood Particles:									
Elongated Pieces:									
Sand Equivalent:									

REMARKS:

QCCS NAME	CERTIFICATION NUMBER	SIGNATURE	DATE
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QC/QA Testing Investigation

Print Form

Project Name (Section)

Contract No.

Contractor/Supplier Name

Project Manager Name

Bid Item No.

Contractor/Supplier Name

Project Manager Name

QA Test Number I.D.

Test Procedure or Process Under Investigation

QC Test Number I.D.

☐ Failed I.A. Parameters

☐ Questionable QC History

☐ QC Failed Verification

☐ QA Failed Verification

Investigation Information (fields expand when filled)

Investigation Description

Investigation Summary

Conclusion/Resolution

Comments/Follow-ups

Individual Performing Investigation (please print)

Company Name

Sign

Date

Project Manager or CPM Review/Approval (please print)

Company Name

Sign

Date

Distribution: QAC, QC, PW, CPM, QAE and project file

An investigation is required for all materials failing to meet the verification and independent assurance because of the potential impact on the quality of the material produced or incorporated into the project.

If verification testing fails to meet the specifications, other than gradation, QA will immediately notify the RE. The RE will evaluate the results and resolve the discrepancy. If the Contractor's test results and QA's test results for IA samples are not within IA parameters, the RE will evaluate the results and resolve the discrepancy. When performing an investigation use form 734-4040 to guide the process.

An investigation will be conducted by the RE to determine whether to reject the material or if the material is suitable for the intended purpose according to section 00150.25 and what price adjustment may be applied.

12B-3 Review Procedures for Quality Documentation

Review by the Resident Engineer

The RE must review all Project quality records to assure that the required documentation has been received and that the Material either meets Contract requirements, or that price adjustments have been appropriately assessed. Refer to Chapter 12C - Quality Price Adjustments.

Steps in the documentation review by the RE process include:

1. Verify all required quality documentation is recorded and incorporated quantities are updated on the Test Summary A, B and C sheets.
2. Ensure quality documents related to multiple Bid items are correctly cross-referenced on the Test Summary sheets.
3. Check all Contract Change Orders (CCOs) and the Special Provisions for any changes to the testing and acceptance documentation. If a CCO modifies testing or acceptance requirements, include a copy of that CCO with the documentation and enter it on the Test Summary sheet. If a CCO adds new line items, add them to the Test Summary sheets.
4. For all Pay Items and quality price adjustments, review all field and nonfield testing documentation requirements.
5. The person entering the data should sign and date the Test Summary sheets. The RE's quality documentation process should include a second-person review and check of the data entry.
6. List all quality-related price adjustments, including bonuses and quality related CCOs, on the Final Materials Certification form 734-1979. Only quality-related adjustments are listed on the Final Materials Certification; quantity price adjustments such as liquidated damages are not to be listed. Refer to Chapter 12C – Quality Price Adjustments and Chapter 37 – Submittal of Final Project Documentation.

7. Update the Foreign Steel Summary, form 734-1968. Using the information shown on the Certificate of Materials Origin forms submitted by the Contractor for all steel or iron Materials, list all Materials of foreign or unknown origin on the Foreign Steel Summary. In order for the RE to accurately know how much foreign Material has been incorporated into the Project, the Foreign Steel Summary must be kept up-to-date throughout the life of the Project. Attach copies of the CMOs for foreign steel to the Foreign Steel Summary when submitting with the final Project documentation. Refer to Chapter 37 – Submittal of Final Project Documentation.
8. If there are any quality or quantity issues outstanding for which the RE is requesting an exception, the Documentation Review Report Supporting Documentation: RE Exception Explanation, form 734-2704 will need to be completed. The RE must also obtain, and attach to this form, written concurrence from the applicable Technical Resource (TR) and Professional of Record (POR). In addition, this form needs to be signed by both the RE and RAS, and submitted with the final Project documentation. This form will be signed off by the Contract Administration Engineer (CAE) at the time of final documentation acceptance, and designated as "Accepted – Participating (federal funds)", "Accepted – Non-Participating", "Not Accepted (Return to RE) - Prepare CCO", or "Not Accepted (Return to RE) - Other". Refer to Chapter 37 – Submittal of Final Project Documentation.

Review by the Region Assurance Specialist (RAS)

The RAS will regularly review Project documentation throughout the life of the Project. The frequency of those reviews will depend on Project size, duration, complexity, RE's experience in administering ODOT construction Contracts.

The RAS will review and provide guidance in quality documentation procedures used to support payments to the Contractor, including but not limited to:


- Quality documentation requirements as determined by the Contract for field and non-field tested Materials.
- Test Summaries A, B and C (purpose, how to set up, how to track quality documentation, etc.).
- Types of quality documentation (quality compliance certifications, Certificate of Materials Origin, test results, warranties, Blue and Green sheets, etc.).
- Price adjustments associated with non-specification Materials and Materials with superior quality (Concal, StatSpec, smoothness, etc.).
- Emphasize that quality documents need to be received by the RE prior to Materials installation and payment.

At the time of the periodic Project review, the RAS will review the quality documentation to determine whether it fulfills the Contract requirements and supports the payments that have been made to the Contractor. The RAS will report any deficiencies to the RE. The RAS will also address the reported deficiencies and their resolution at the next scheduled periodic review.

The RAS will list the following on the Documentation Review Report or Completion Strategy and Action Plan, regarding quality:

- Any quantity, or quality documentation deficiencies, or documents that do not comply with Agency requirements;
- Acceptability of the documents, documentation, or Materials that may need an alternate acceptance method such as an exception or Contract Change Order [Refer to Exception vs. CCO guidance document]; and
- Any other Project related comments.

For final Project documentation acceptance, refer to Chapter 37 - Submittal of Final Project Documentation.

 DOCUMENTATION REVIEW REPORT (DRR)										PAGE OF		
										REVIEW #		
										REVIEW DATE		
CONTRACT	PROJECT NAME (SECTION)			COMPLETION DATE	TRAFFIC REPORTS <input type="checkbox"/> Yes <input type="checkbox"/> No Last on File:			PLANT <input type="checkbox"/> Yes <input type="checkbox"/> No				
					EROSION REPORTS <input type="checkbox"/> Yes <input type="checkbox"/> No Last on File:			ESTABLISHMENT <input type="checkbox"/> Yes <input type="checkbox"/> No				
KEY	PROJECT MANAGER			2nd NOTE DATE	FUEL ESCALATION <input type="checkbox"/> Yes <input type="checkbox"/> No			TRAINING	BI QUANTITY	HRS to DATE	% USED	% Project Complete
					ASPHALT ESCALATION <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Yes <input type="checkbox"/> No				
EA	LOCAL AGENCY/CONSULTANT			DAYS PAST 2ND NOTE	STEEL ESCALATION <input type="checkbox"/> Yes <input type="checkbox"/> No Eligible Pay Items			PREPARED BY (RAS)				
					Contractor Opted: <input type="checkbox"/> Yes <input type="checkbox"/> No Date							
I RECOMMEND ACCEPTANCE OF THE DOCUMENTATION												
PROJECT MANAGER SIGNATURE				DATE				REGION ASSURANCE SPECIALIST SIGNATURE				DATE
Item name, comments, unresolved quantity/quality details, exceptions to the Final Materials Certification, form 734-1979 and method of resolution. This document replaces all prior DRRs or Completion Strategy and Action Plans. <small>Note: After Second Notification is issued, any outstanding DRR items will be listed on the Completion Strategy and Action Plan. The Project documentation reviews will transition from quarterly to 30 day frequency.</small>												
DATE NOTED BY RAS	PRIORITY H-High M-Medium L-Low	BID ITEM NUMBER						C or A	ASSIGNED TO (initials): After 2nd Note	PM Resolved (initials)	RAS CONCUR	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	
										<input type="checkbox"/>	<input type="checkbox"/>	