How to Review QC Data in Atwoods (Exhibit 4)

Updated 3/18/2025

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General Notes

1. <u>All test data in Atwoods must be reviewed when materials are submitted for final review.</u>

 Before any data can be reviewed, you must have review authority on your project. After logging in to Atwoods, click "Review Authority" at the top of the screen. Enter the Contract ID for your project and select your role (either consultant or WisDOT employee). Click "Send Request" to submit.

Номя	Management System	Y m					DSYSTEMS Js: (608) 848-6085
	🕈 Home 🛛 🔍 projects	REVIEW AUTHORITY		🐣 MY ACCOUNT	🕼 LINKS	🕒 LOG OUT	
	MY PROJECTS	SEARCH PROJECTS	PROJEC	TS BY REPORT TYPE	PROJEC		
	Recent projects:				MAM	NAGE PROJECT LIST	
REQUEST 'APPF Enter the Cont The administra Cont	ROVAL AUTHORITY' FOR NEW C tract ID(s) and your role on th ator will review and process y tract 1:	contract. rour requests. Role:		~			
Con	tract 2:	Role:		~			
Con	tract 3:	Role:		~			
Con	tract 4:	Role:		~			
Con	tract 5:	Role:		~			
	SEND REQUE	ST					

After you have review authority, you can review and finalize lots. This is required for pavement, structures (including barrier wall), HMA, and IRI Ride.

3. Make sure to include any disincentive on the DT1310. Refer to CMM 845 for more information on what to include in DT1310 entries.

Reviewing QMP Pavement Results

1. To view QC data for QMP Pavement, hover over [project ID] Data and click Pavement in the drop-down.

HQMS [™] HIGHWAY QUALI Management Syst	T Y e m	(A) ATWOODSYSTEMS Contact Us: (608) 848-6085				
😤 HOME	Q PROJECTS S REVIEW AUTHORITY	🕒 1060-33-84 DATA 🗸	🕼 LINKS	_		
Project 1060-33-84 – Zoo Ic, Ush 45		Појсенито				
Contract ID: 20201013001		VERIFIED REPORTS	DATA FOUND			
FIELD OFFICE DETAILS		STRUCTURES				
Office: Phone Number Not Available		PAVEMENT	DATA FOUND			
Cell: Phone Number Not Available			. Diminound			
Fax: Fax Number Not Available	-	PCC THICKNESS (MITSCAN - CONTRACTS 2018 AND L	DATA FOUND ATER)			
Address: 2515 N. 124th St.,Brookfield		PCC THICKNESS	* NO DATA			
Directioner		(OLD PROBING METHOD - CONTRAC	TS PRIOR TO 2018)			
Directions:		НМА	V DATA FOUND			
PROJECT LEADER	MANAGER	RIDE	DATA FOUND			
Jason Zembroski jzembroski@cgcinc.net	Sean Race sean.race@dot.wi.gov	SOILS & AGG	✓ DATA FOUND	.gov		
Office: (414)443-2000 Cell: (414)315-0018	Office: Phone Number Not Available Cell: 414-750-2380	AGG SOURCES	✓ DATA FOUND)		

2. QC Data is separated for cylinders and beams. The example in this document is showing how to review beams; however, the process is the same for cylinders. The contractor enters QC results for each lot. To view this information, click "Details". It's important to review all information for each lot before adjusting payment.

ement Data	for Project	1060-33-84 - Zoo I	c, Ush 45							÷ (
OJECT SUMN	IARY							🏴 Flag indica	tes record has been	updated after review.
t Area (Sq. Yo proved Area	ds.): 194,69 (Sq. Yds.):	98.80 194,698.80	Tota	al Incentive: \$81, al Disincentive: -\$	235.91 \$3,034.44			Flag indicates record has quantity mismatch (subivs. approved).		
g Options:	SUMMARY	MOISTURE P20	0 Calculations Exp	blained Filter:	All Records	i	~			
rage Compre	essive Streng	th (Cylinders)	lodulus of Rupture (E	Beams)						
intered By: I	BOB ODEG#	ARD								
ntered By:	BOB ODEGA	ARD Station Start – End	Modulus of Rupture	Standard Deviation	LQI	PWL	Lot Sq. Yards	Approved Sq. Yards	Adjustment / Sq. Yard	Adjustment Total (Est.)
ntered By:	BOB ODEGA Lot ID OT 2	ARD Station Start – End	Modulus of Rupture 0.0	Standard Deviation 0.0	LQI	PWL 0.0	Lot Sq. Yards 2526.00	Approved Sq. Yards 2526.00	Adjustment / Sq. Yard \$0.00	Adjustment Total (Est.) \$0.00
ntered By:	BOB ODEGA Lot ID OT 2 Finaled By:	ARD Station Start – End - : Nicole Roberts on 00	Modulus of Rupture 0.0 5/12/23 (Lot last uploa	Standard Deviation 0.0 aded on 10/27/22)	LQI	PWL 0.0	Lot Sq. Yards 2526.00	Approved Sq. Yards 2526.00	Adjustment / Sq. Yard \$0.00	Adjustment Total (Est.) \$0.00
ntered By:	BOB ODEGA Lot ID OT 2 Finaled By: Pay Adjust	ARD Station Start – End - Nicole Roberts on 00 ment (Estimated / A	Modulus of Rupture 0.0 5/12/23 (Lot last uploa pproved): \$0.00 / \$	Standard Deviation 0.0 aded on 10/27/22) 50.00 (Final) ADJU	LQI IST PAY	PWL	Lot Sq. Yards 2526.00	Approved Sq. Yards 2526.00	Adjustment / Sq. Yard \$0.00	Adjustment Total (Est.) \$0.00
ntered By:	Lot ID OT 2 Finaled By: Pay Adjust Comments	ARD Station Start – End - Nicole Roberts on 00 ment (Estimated / A & No Disincentive Sinu	Modulus of Rupture 0.0 5/12/23 (Lot last uploa pproved): \$0.00 / \$ ce Strength Testing Is	Standard Deviation 0.0 aded on 10/27/22) \$0.00 (Final) ADJU Not Required For F	LQI IST PAY Hes Concrete, C	PWL 0.0 Qmp 6.02 Us	Lot Sq. Yards 2526.00	Approved Sq. Yards 2526.00 Deb At Wisdot. Qm	Adjustment / Sq. Yard \$0.00	Adjustment Total (Est.) \$0.00 \$Spec Limit Of 600 Psi.

- 3. It's important to review the following information for each lot:
 - a. The pay equation (QMP equation) matches contract requirements. This is found in the 700 section of the standard specifications or ASP 6 (and sometimes the special provisions).
 - b. The spec. limit is correct (comes from the 700 section of the standard specifications or project plans project plans override the specifications).
 - c. The lot area (SY) is correct if this is incorrect, it can be adjusted during the final review. This SY total should match the quantity paid to the contractor.
 - d. The mix design number & associated 132 test number is correct.
 - e. Verify that the incentive/disincentive value is calculating correctly using the QMP equations found in the contract documents.

A HIDE	LOT 70 413+00 - 421+00	880.9 32.	9 7.02	2 100.0	4407.67	4407.67	\$1.00 \$4407.67	
	Finaled By: Isabelle Holcomb on 12	2/04/23 (Lot last uploaded	on 10/19/23)					
	Pay Adjustment (Estimated / App	roved): \$4407.67 / \$440	7.67 (Final) ADJUST	T PAY				
	Comments: Qty Eligible = 4407.67	Sy Pwl = 100 Incentive = (0.	2*100)-19 = \$1.00/Sy	y Incentive = \$4407.6	7 Qmp 6.01			
	LOT SUMMAR	SUBLOT SUMMARY	SUBLOT DETAILS	SURFACE RESISTIVI	TY LOT AIR SL	UMP SUMM	ARY REPORT	
	Contract:	20201013001				County:	MILWAUKEE	
	Project ID:	1060-33-84				Lot ID:	LOT 70	
	Description:	Zoo Ic, Ush 45				Highway:	USH 045	
	Sting company.					Tested By:		
	Pay Equation:	QMP 6.02			Numbe	er of Sublots:	5	
	Spec. Limit:	650						
	Station Start:	413+00				Station End:	421+00	
	Lot Area:	4407.67			Modulu	s of Rupture:	880.9	
	Standard Deviation:	32.90				LQI:	7.02	
	Percent Within Limit:	100.00			Adj. / S	quare Yards:	1.00	
	Est. Total Strength Adj.:	\$4407.67				Mix Design:	Z364/156-PEM2-22 (Contractor)	
							MIC01.890-132-24-2022 (WisDOT)	
	Reviewed By:	ISABELLE HOLCOMB			Da	te keviewed:	12/04/23	
	Reviewer Approved Lot \$ Adj.:	\$4407.67		Re	viewer Approve	d Lot Sq Yd.:	4407.67	
	Review Comments:	Qty Eligible = 4407.67 S	Y PWL = 100 Incent	tive = (0.2*100)-19	= \$1.00/SY Incer	ntive = \$4407.6	57 QMP 6.01	

- 4. Additionally, the following information needs to be checked in the "Sublot Summary" tab:
 - a. Ensure all start-up (SU), quality control (QC) and engineer directed (PC) tests are entered.
 - b. Correct date of placement.
 - c. Correct STA ranges for sublots.
 - d. Test results match QC field reports & inspector's notes (fresh concrete) or break reports (cylinders or beams). If resistivity testing is required, make sure that is entered as well in the "Surface Resistivity" tab.
 - e. PCCTEC & CST names match QC reports.
 - f. Lot-Sublot ID matches the field reports, along with the test type.
 - g. The average strength data matches the lab reports (may be slightly off due to rounding, which is acceptable).

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Sublot ID	Date & Time Poured	Test Type	Station Start – End	Sublot Length (ft)	Actual Length Paved (ft)	Sublot Area (Sq. Yds.)	Slump	Net Air Pct	PCCTEC1 /ACT Name	Beam ID 1	Mod. of Rupture	Beam ID 2	Mod. of Rupture	Avg. Mod. of Rupture (Rounded)	Certified Concrete Strength Tester /ACT Name	Qualified Lab/ Testing Company
LOT 70-1	08/18/23 10:15	PC	413+00 - 421+00	800.0	624.0	416	0.00	5.6								
LOT 70-1	08/18/23 10:40	QC	413+00 - 421+00	800.0	624.0	416	0.00	6.0	Anthony James / 207199	70-1 A	819	70-1 B	901	860	Mathew Thompson / 106184	Michels Road & Stone

5. If all of the information is correct, click "Adjust Pay" to finalize the lot.

A HIDE	LOT 70	413+00 - 421+00	880.9	32.9	7.02	100.0	4407.67	4407.67	\$1.00	\$4407.67
	Finaled By Pay Adjust Comments	: Isabelle Holcomb on 12 tment (Estimated / Appi s: Qty Eligible = 4407.67 s	1/04/23 (Lot last u roved): \$4407.6 5y Pwl = 100 Incer	ploaded on 10/19/2 7 / \$4407.67 (Final) ntive = (0.2*100)-19	ADJUST PAY = \$1.00/Sy Incer	ntive = \$4407	.67 Qmp 6.01			
		LOT SUMMAR	SUBLOT SU	MMARY SUBLOT	DETAILS	RFACE RESISTI	VITY LOT AIR	SLUMP SUMMA	RY REPORT	

6. To finalize the lot, fill in the approved area, select the adjustment type, and fill in the strength bonus/deduct total. Select "final review" (you can still change things after this if needed). Fill in review comments so that anyone after the fact can see why/why not incentive was paid. Some examples of explanations are shown below.

Incentive example:

Approved Sq. Yards	2793.34 Original Sq. Yards: 2793.34					
Pay Adjustment Type	○ No Bonus/Deduct					
Strength Bonus/Deduct (\$ total)	2793.34 Original Pay Adj. (total): \$2793.34					
Lot Review Status	Final Review O Partial Review					
Review Comments (Optional)	Qty Eligible = 2793.34 SY PWL = 100 Incentive = (0.2*100)-19 = \$1.00/SY Incentive = \$2793.34 QMP 6.01					

Disincentive example:

Approved Sq. Yards	3356.56 Original Sq. Yards: 3356.56
Pay Adjustment Type	○ No Bonus/Deduct ○ Bonus ● Deduct
Strength Bonus/Deduct (\$ total)	-369.22 Original Pay Adj. (total): \$-436.35
Lot Review Status	● Final Review ○ Partial Review
Review Comments (Optional)	Qty Eligible = 3356.56 SY PWL = 83.0 Disincentive = (2.0/35 x 83.0) - (170/35) = -\$0.11/SY Disincentive = -\$369.22 QMP 6.01
No pay adjustment examp	bles
Approved Sq. Yards	2551.12 Original Sq. Yards: 2551.12
Pay Adjustment Type	No Bonus/Deduct O Bonus Deduct Deduct
Strength Bonus/Deduct (\$ total)	0.00 Original Pay Adj. (total): \$0.00
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	No incentive since standard deviation is greater than 60 psi.
Approved Sq. Yards	1985.78 Original Sq. Yards: 1985.78
Pay Adjustment Type	No Bonus/Deduct
Strength Bonus/Deduct (\$ total)	0.00 Original Pay Adj. (total): \$0.00
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	No incentive since less than four sublots

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Pay Adjustment Type	No Bonus/Deduct
strength Bonus/Deduct (\$ total)	0.00 Original Pay Adj. (total): \$0.00
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	No incentive for HES

- 7. Some other things to consider when assessing incentive/disincentive:
 - a. Check Standard Spec 715.5.2 for additional notes about when lots are not eligible for incentive
 - b. Incentive is not paid for concrete that is nonconforming in another property (ex. failing air)- this quantity of material will need to be subtracted from the approved square yards
 - c. No incentive is paid for HES concrete. Fresh concrete results will be entered for these lots, but strength will be entered as 0. These lots still need to be reviewed and approved.
 - d. If 28-day strengths are low, refer to 715.3.2 for more information about evaluation for possible removal and replacement.
- 8. Click "save changes" to finalize the lot.

Reviewing QMP Structures & Barrier Wall Results

1. To view QC data for QMP Structures, hover over [project ID] Data and select "Structures" from the drop-down.

	C PROJECTS	REVIEW AUTHORITY	눹 1060-33-84 DATA 🗸	🕼 LINKS		
Project 1060-33-84 – Zoo Ic, Ush 45			PROJECT INFO		- → PRINT	
Contract ID: 20201013001			VERIFIED REPORTS	✓ DATA FOUND	1	
FIELD OFFICE DETAILS			STRUCTURES	✓ DATA FOUND		
Office: Phone Number Not Available			PAVEMENT	✓ DATA FOUND	-	
Cell: Phone Number Not Available Fax: Fax Number Not Available			PCC THICKNESS	✓ DATA FOUND		
Address: 2515 N. 124th St. Brookfield			(MITSCAN - CONTRACTS 2018 AND	LATER)		
VIEW ON GOOGLE MAPS			PCC THICKNESS X NO DATA (OLD PROBING METHOD - CONTRACTS PRIOR TO 2018)			
Directions:			НМА	V DATA FOUND		
PROJECT LEADER	MANAGE	R	RIDE			
Jason Zembroski	Sean Rac	e	- MOL	+ WATAFOOND	-	
jzembroski@cgcinc.net	sean.race	@dot.wi.gov	SOILS & AGG		gov	

2. The contractor enters QC results for each lot. To view this information, click "Details". It's important to review all information for each lot before adjusting payment.

Entered By:	Entered By: ANDY DAVIS												
	Lot ID	Avg. Comp. Strength (PSI)	Standard Deviation (PSI)	LQI	PWL	Lot Volume Cu. Yards	Approved Cu. Yards	Adjustment / Cu. Yard (Est.)	Adjustment Total (Est.)				
✓ DETAILS	Lot 1	6199.7	588.7	4.59	100.0	500.00	500.00	\$0.00	\$0.00				
	Finaled By: Nicole Roberts on 01/19/22 (Lot last uploaded on 03/30/21)												
	Pay Adjustmen	t (Estimated / Approved): \$0.00 / \$0.00 (Final)	ADJUST PAY									
		7004.0											

- 3. It's important to review the following information for each lot:
 - a. The pay equation (QMP equation) matches contract requirements. This is found in the 700 section of the standard specifications or ASP 6 (and sometimes the special provisions).
 - b. The spec. limit is correct (comes from the 700 section of the standard specifications or project plans project plans override the specifications).

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- c. The lot volume (CY) is correct if this is incorrect, it can be adjusted during the final review.
- d. The mix design number & associated 132 test number is correct.
- e. Verify that the incentive/disincentive value is calculating correctly using the QMP equations found in the contract documents.

LOT SUMMAR	Y SUBLOT SUMMARY	SUBLOT DETAILS	SURFACE RESISTIVITY	LOT AIR SLUMP	LOT SUMM	ARY REPORT
Contract:	20201013001				County:	MILWAUKEE
Project ID:	1060-33-84				Lot ID:	1
Description:	Zoo Ic, Ush 45				Highway:	USH 045
Testing Company:					Tested By:	
Pay Equation:	QMP 2.01			Number	of Sublots:	10
Spec. Limit:	3500					
Lot Volume:	500.00			Average Comp	Strength:	6199.70
Standard Deviation:	588.70				LQI:	4.59
Percent Within Limit:	100.0			Ad	i / Cu. Yds:	0.00
Est. Total Strength Adj.:	\$ 0.00			N	lix Design:	4196 - WEST ALLIS (Contractor) GEI01.029-132-1-2021 (WisDOT)
Reviewed By:	NICOLE ROBERTS			Date	Reviewed:	01/19/22
Reviewer Approved Lot \$ Adj.:	\$0.00		Revie	ewer Approved Lo	ot Volume:	500.00
Review Comments:	None					

- 4. Additionally, the following information needs to be checked in the "Sublot Summary" tab:
 - a. Ensure all start-up (SU), quality control (QC) and engineer directed (PC) tests are entered.
 - b. Correct date of placement.
 - c. Test results match QC field reports & inspector's notes (fresh concrete) or break reports (cylinders). If resistivity testing is required, make sure that is entered as well in the "Surface Resistivity" tab.
 - d. PCCTEC & CST names match QC reports.
 - e. Lot-Sublot ID matches the field reports, along with the test type.
 - f. The average strength data matches the lab reports (may be slightly off due to rounding, which is acceptable).

Sublot ID	Sublot Vol (Cu. Yds.)	Date & Time Poured	Test Type	Slump	Net Air Pct	PCCTEC1 /ACT Name	Cyl ID 1	Stength (PSI)	Cyl ID 2	Stengt (PSI)	Cyl 1 + 2 Avg Strength (PSI)	Certified Concrete Strength Tester /ACT Name	Qualified Lab/ Testing Company Name
2-1	50	05/10/21 12:15	QC	3.00	5.2	Jesse Ponyicsanyi / 201163	А	7094.4	В	7567.	7331.0	Aaron Hamberger / 202446	Gestra Engineering Inc

5. If all of the information is correct, click "Adjust Pay" to finalize the lot.

▲ HIDE	Lot 2	7331.0	0.0	
	Finaled By: Nic	ole Roberts on 01/18/2	22 (Lot last uploaded on 05/1	1/21)
	Pay Adjustmer	ADJUST PAY		

6. To finalize the lot, fill in the approved volume, select the adjustment type, and fill in the strength bonus/deduct total. Select "final review" (you can still change things after this if needed). Fill in review comments so that anyone after the fact can see why/why not incentive was paid. Some examples of explanations are shown below.

Approved Cu. Yards 500 Pay Adjustment Type ○ No Bonus/Deduct ● Bonus ○ Deduct Strength Bonus/Deduct (\$ total) 5000.00 (Approved Cu. Yards × Bonus/Deduct per Cu. Yard) ● Final Review ○ Partial Review Lot Review Status QMP 2.01 **Review Comments** (Optional) PWL = 100 CY = 500 (no nonconforming placed in lot 38) Pay Adjustment = \$10/CY Incentive = \$10/CY x 500 CY = \$5000

Disincentive example

Incentive example

Approved Cu. Yards	1,000
Pay Adjustment Type	○ No Bonus/Deduct ○ Bonus
Strength Bonus/Deduct (\$ total)	-12800.0((Approved Cu. Yards × Bonus/Deduct per Cu. Yard)
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	Lot Volume = 1000 Cy PWL = 75.3% Pay Adjustment = -\$12.86/CY (eqn. QMP 2.01) Disincentive = 1000 Cy x -\$12.86 = -\$12,800

No pay adjustment example:

Approved Cu. Yards	10
Pay Adjustment Type	No Bonus/Deduct O Bonus O Deduct
Strength Bonus/Deduct (\$ total)	0.00 (Approved Cu. Yards × Bonus/Deduct per Cu. Yard)
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	No incentive for less than 4 sublots.
	6

- 7. Some other things to consider when assessing incentive/disincentive:
 - a. Check Standard Spec 715.5.2 for additional notes about when lots are not eligible for incentive
 - b. Incentive is not paid for concrete that is nonconforming in another property (ex. failing air)- this quantity of material will need to be subtracted from the approved square yards
 - c. No incentive is paid for HES concrete. Fresh concrete results will be entered for these lots, but strength will be entered as 0. These lots still need to be reviewed and approved.
 - d. If 28-day strengths are low, refer to 715.3.2 for more information about evaluation for possible removal and replacement.
- 8. Click "save changes" to finalize the lot.

Reviewing QMP HMA Results

- 1. Before reviewing HMA data, determine the method of acceptance for density on your project.
 - a. Department acceptance
 - b. QMP PWL
 - c. QMP Nuclear Density

Only results for QMP Nuclear Density are entered by the contractor and need to be approved by the project team. Department acceptance testing is entered by the department (or the department's representative) and can be found under Verified Reports – 262 Asphaltic Pavement Nuclear Density tests.

Use the "NucDensityIncentive.xlsx" document found in WisDOT Pantry > Region Specific > SE – Southeast Region > Southeast Materials to calculation incentive and disincentive for acceptance testing.

QMP PWL results are reported in the PWL spreadsheet that is shared between the contractor, the project team, and the region.

2. To view HMA data entered by the contractor, hover over [Project ID] Data and select "HMA" from the drop-down.

HIGHWAY QUALITY Management System		(A) ATWOOD SYSTEMS						
		Contact Us: (608) 848-6085						
🚓 Home 🛛 🔾	PROJECTS SREVIEW AUTHORITY	🖺 1060-33-84 DATA 🗸 🕼 LI	NKS					
Project 1060-33-84 – Zoo Ic, Ush 45		PROJECT INFO						
Contract ID: 20201013001		VERIFIED REPORTS 🗸 DATA FOR	лир					
FIELD OFFICE DETAILS		STRUCTURES	UND					
Office: Phone Number Not Available		PAVEMENT 🗸 DATA FOR	лир					
Cell: Phone Number Not Available								
Fax: Fax Number Not Available		PCC THICKNESS	UND					
Address: 2515 N. 124th St.,Brookfield		PCC THICKNESS X NO D (OLD PROBING METHOD - CONTRACTS PRIOR TO 2	ATA (018)					
Directions:		HMA 🗸 DATA FOU	UND					
PROJECT LEADER	MANAGER	RIDE 🗸 DATA FOI	UND					
Jason Zembroski	Sean Race							
jzembroski@cgcinc.net	sean.race@dot.wi.gov	SOILS & AGG 🗸 DATA FOR	UND .gov					
Office: (414)445-2000 Cell: (414)315-0018	Cell: 414-750-2380	AGG SOURCES 🗸 DATA FOR	рир					

3. The contractor enters QC results for each lot. To view this data, click "Details". It's important to review all information for each lot before adjusting payment.



- 4. It's important to review the following information for each lot:
 - a. Mix type and target info (including correct WisDOT-250 number).
 - b. Pay equation which is found in the special provisions under QMP Nuclear Density.
 - c. Nucdensity tester and gauge used.
 - d. Eligible tonnage, non-conforming tonnage or unacceptable (depending on what your project entails).
 - e. STA range.
 - f. Verify that the incentive/disincentive value is calculating correctly using the QMP equations found in the contract documents.

S	UBLOT SUMMARY	SUBLOT DETAILS	AIR VOIDS DATA	EQUIPMENT DATA SU	IMMARY REPOR	т	
Project ID:	1060-33-84				Mix Type:	LT	
Lot:	7-L1			т	arget Gmm:	2.515	
Date Paved:	11/17/2021			Target I	Density PCF:	156.5	
Lot Type:	SIDE ROADS			Required % of Tar	get Density:	91.0	
Lot Tonnage:				Lot Average	% of Target:	92.2	
				Gau	ge Offset %:	0.00	_
Eligible Tonnage:	787.0			Pa	ay Equation:	QMP 5.01	
Incentive Per Ton:	\$0.00			Estimated Lot \$ /	Adjustment:	\$0.00	
Non-Conforming Tonnage:	0.0			Lot \$ Not 0	Conforming:	\$0.00	
Unacceptable Tonnage:	0.0			Lot \$ Un	nacceptable:	\$0.00	
Sublots By:	TONNAG				Layer:	\$L1	
Station Start:	11+54			Pa	aving Width:	13.00	
Station End:	27+25				Bid Price:	\$61.69	_
Pavement Length:		-		Mi	ix Design ID:	0-250-0160-	2020
Date Tested:	11/17/21				Tested By:	Josh Harter	102800
Testing Company:	Stark Pavement	Corp		Te	est Location:	Traffic Lanes	5
Reviewed By:	Nicole Roberts			Dat	e Reviewed:	03/24/22	
Reviewer Approved Lot Adj.:	\$0.00			Approved L	ot Tonnage:	909.1	
Lot Comments:	None						
Review Comments:	None						

5. Click on the "Sublot Details" tab to view density data for the sublot.

SUBLOT SUMMARY	SUBLOT DETAILS AIR	E VOIDS DATA EQU	IPMENT DATA	SUMM	ARY REPORT	
Sublot ID: 12-4 Station Begin - End:	759+74 - 740+01		Test Station	Offset	Gauge Density	Percent of Target
Length (ft):	1973	Station 1	751+43	9.2	147.0	94.2
09/13/2024 Offset Reference:	CENTERLINE	Station 2	749+08	7.5	145.4	93.2
Sublot Status: NC Tonnage:	C 0.0	Station 3	740+71	3.7	149.0	95.5
NC Disincentive:	0.00	Station 4		0.0	0.0	0.0
UA Tonnage:	0.0	Station 5		0.0	0.0	0.0
UA Disincentive:	0.00	Station 6		0.0	0.0	0.0
		Station 7		0.0	0.0	0.0
				Sublot	Avg. % of Target:	94.3 %

Information for each sublot should match QC density reports submitted to the project team. Check the station/offset and average gauge density.

		1	740+71	3.7	1956	244	149.0	1957	235	149.0		Avera	e		8.0%		
198.70								1000	I.S. ASS		those values	thoso values			0.0%		
740.01 750.74		740+08	7.5	2014	234	145.8	2034	230	144.9	τn	ese va	lues		0.0%			
740401	199+14	-	235					Production and the		0.0%							
		2	751+43	9.2	1998	239	HLe. 8	1964	234	148.6	1991	254	147.2		0.0%		
		3	3	3	867												0.0%
0.0000000000000000000000000000000000000					The second second	South States								Classification of the			

6. For a lot to be eligible for incentive, QC and QV air voids test data must be within limits shown in the Standard Spec (see 460.5.2.3). To check this, click the "Air Voids Data" tab. Air voids must also be checked to make sure they match QC test reports.

	SUBLOT SUMMARY SUBLOT DETAILS	OIDS DATA EQUIPMENT	SUMMARY REPORT
Date Tested	Sample ID	Air Void %	Test Type
09/11/2024	1-1	3.6	QC
09/11/2024	1-2	4.0	QC
09/11/2024	1-3	4.8	QC

	Vo	l. Properti	es——		Voi	d %		
	1	MF Target	s ——	→	4	5		
QMP V	Varning o	or PWL Acc	eptance	Limits	LWL	LWL		
Date	te Test Planned Daily Total Accur		Test Planned Daily Total A		est Planned Daily Total Acc		3.5	5.5
		Tonnage	Tons	Tons	Ind	Ave/4		
9/10/2024	TS-1				4.1			
9/10/2024	TS-2	550.0	515.1	515	3.2			
9/11/2024	1-1				3.6	3.6		
9/11/2024	1-2				4.0	3.6		
9/11/2024	1-3	1900.0	1690.9	1,691	4.8	4.1		

7. If all of the information is correct, click "Adjust Pay" to finalize the lot.

▼ DETAILS	Lot 11-ML-L1	11/13/23	MAINLINE	65.3	65.3	LANE FEET	2.543	158.3	93.0	0.0
Finaled By: Isabelle Holcomb on 11/14/23 (Lot last uploaded on 11/14/23)										
	Lot Average Pay Adju	stment (Estimate	ed / Approved): \$0.00	/ \$0.00 (Final)	ADJUST PAY					

8. To finalize the lot, fill in the approved tonnage, select the adjustment type, and fill in the lot pay adjustment total. Select "final review" (you can still change things after this if needed). Fill in review comments so that anyone after the fact can see why/why not incentive was paid. Some examples of explanations are shown below.

Approved Lot Tonnage	1690.9
Pay Adjustment Type	No Bonus/Deduct O Bonus Deduct
Lot Pay Adjustment	0.00
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	No incentive since air voids test results are not all within 4.0-5.5 percent per 460.5.2.3.
	CANCEL CHANGES SAVE CHANGES
Approved Lot Tonnage	668.0
Pay Adjustment Type	○ No Bonus/Deduct ● Bonus ○ Deduct
Lot Pay Adjustment	534.40
Lot Review Status	Final Review O Partial Review
Review Comments (Optional)	Eligible for incentive since air voids data is within 4.0-5.5 percent per 460.5.2.3. Lot density 2.4% above specified minimum Incentive = \$0.80 * 668 tons = \$534.40
	Paid in estimate #12

9. Click "save changes" to finalize the lot.

QMP IRI Ride Review

1. To review IRI Ride data, hover over [Project ID] Data and select "Ride".

HIGHWAY QU Management S	ALITY ystem		ATWOODSYSTEMS Contact Us: (608) 848-6085			
🖨 ном	ie Q projects	REVIEW AUTHORITY	🗎 1090-09-76 DATA	V 🕼 LINKS		
Project 1090-09-76 – IH 43 Rock Freeway			PROJECT INFO			
Contract ID: 20240109008			VERIFIED REPORTS	✓ DATA FOUND		
FIELD OFFICE DETAILS			STRUCTURES	✓ DATA FOUND		
Office: (414)750-1403			PAVEMENT	× NO DATA		
Cell: Phone Number Not Available Fax: Fax Number Not Available	450 (44 4) 750 7400	PCC THICKNESS (MITSCAN - CONTRACTS 2018 A)				
VIEW ON GOOGLE MAPS	150 (414)/50-7490		PCC THICKNESS (OLD PROBING METHOD - CONT	X NO DATA TRACTS PRIOR TO 2018)		
Directions:			НМА	✓ DATA FOUND		
PROJECT LEADER	MANAG	ER	RIDE	✓ DATA FOUND		
Brian Perz	Alex Gra	asse				
brian.perz@dot.wi.gov	alex.gra	sse@dot.wi.gov	SOILS & AGG	DATA FOUND	V	
Cell: 414-750-1403	Cell: Ph	one Number Not Available	AGG SOURCES	× NO DATA	er Not Avaliable	
WisDOT MATERIALS PERSON	CONTRA	ACTOR MATERIALS PERSON	T	RAFFIC COMPANY		
Email Not Available	Mike Jac	cobs	N	Aega Rentals		
Office: Phone Number Not Available	mjacobs	@rockroads.com	C	Office: (262)786-690	0	
Cell: Phone Number Not Available	Office:	Phone Number Not Available				
	Cell: (60	8)931-2965				

2. Verify that the overall information is correct – this included lane description, pavement type, spec. equation, and station range.

Details Sub	mitted By: JAKE AM	UNDSON				
	Description	Run Date	Туре	Pay Spec	Station Start – End	Pay Adjustment / Review
✓ DETAILS	IH43 SB LANE 1	09/25/24 11:10	НМА	RIDE 2.01	759+72 - 468+43	ADJUST PAY (Click "Details" to View Pay Adjustment Dollars)
						Reviewed By: ISABELLE HOLCOMB on 10/23/24 (Lane last uploaded on 09/25/24)
✓ DETAILS	IH43 SB LANE 2	09/25/24 11:10	HMA	RIDE 2.01	759+72 - 468+42	ADJUST PAY (Click "Details" to View Pay Adjustment Dollars) Reviewed By: ISABELLE HOLCOMB on 10/23/24 (Lane last uploaded on 10/22/24)
✓ DETAILS	IH43 NB LANE 1	10/22/24 11:10	HMA	RIDE 2.01	467+35 - 758+86	ADJUST PAY (Click "Details" to View Pay Adjustment Dollars) Reviewed By: ISABELLE HOLCOMB on 10/23/24 (Lane last uploaded on 10/22/24)
✓ DETAILS	IH43 NB LANE 2	10/22/24 11:10	НМА	RIDE 2.01	467+35 - 758+86	ADJUST PAY (Click "Details" to View Pay Adjustment Dollars) Reviewed By: ISABELLE HOLCOMB on 10/23/24 (Lane last uploaded on 10/22/24)

- 3. There are two components to IRI Ride Segment IRI Ride and Localized Roughness.
 - a. Segment IRI Ride incentive/disincentive is calculated using the spec equation (in the example photos, Ride 2.01 was used). Each segment is 500 LF long. See snip below from the 2024 Standard Spec for an example of how segment incentive/disincentive is calculated. There is no department adjustment of IRI Ride pay adjustments just review this information to make sure it's entered and calculated correctly.
 - b. Be sure to check the following:
 - i. The category type matches the definitions included in section 740 of the standard specifications.
 - ii. The lane number and start and end station. You need to make sure that all areas where IRI ride was required were profiled and uploaded.
 - iii. Ensure all sections which were required to be profiled were indeed profiled.
 - iv. Excluded areas are accurate per standard spec 740 directions.

(6)	The departr using equat	ment will adjust lion "ride 2.01" a For HMA I	pay for 5 as follows Pavemer	00-foot lon 5: ht: In	g standard segi itial IRI (in/mile) < 30 >= 30 to <35 >= 35 to < 60 >= 60 to < 75 >= 75	ments nomi	inally one wheel Pay Adjustment (d 25 1750 - (f 0 1000 - (50 -25	path wide dollars/500 fe 0 50 x IRI) /3 x IRI) ^{/17} 0 ^{/17}	et)				
	Segment Stat			Station	Station	Segment	IRI (in/mile)		Pay Adjustment (5)	Exclude Seg	ment	
	ategory	Type	Lane	Start	End	Length	Left	Right	Left	Right	Left	Right	
	HMAI	MAINLINE	1	759+72	754+72	500	50.30	37.00	0.00	0.00	No	No	
	HMAT	MAINLINE	1	754+72	749+72	500	27.80	17.40	250.00	250.00	No	No	
ŀ	IMAT	MAINLINE	1	469+72	468+42	130	68.00	81.80	-34.67	-65.00	No	No	

- c. Localized Roughness requires department review and pay adjustment. After review of the data, the project team must decide between the options listed in Standard Spec section 740 for Corrective Action for Localized Roughness.
 - i. Please note that areas with excessive IRI ride (see standard spec 740 for definitions) must be corrected and re-profiled. The re-profiled data will only be uploaded as a reference document.
 - ii. All localized roughness areas that received corrective action (e.g. grinding) are required to be re-profiled. That re-profiled data will only be uploaded as a reference document.

740.3.4.2 Corrective Action for Localized Roughness

(1) The engineer will assess each wheel path for areas of localized roughness within 5 business days of being notified that ProVAL reports are uploaded. For each area that exceeds 200 in/mile, the engineer will do one of the following:

- 1. Direct the contractor to correct the area to minimize the effect on the ride.
- 2. Leave the area of localized roughness in place with no pay reduction.
- 3. Assess a pay reduction for each area in each wheel path as follows:
 - Length <=25 feet: (localized roughness in/mile 200) dollars/foot or \$250 whichever is least
 - Length >25 feet: (localized roughness in/mile 200) dollars/foot or 10 dollars/foot whichever is least The department will not reduce pay for localized roughness within HMA IV and PCC IV segments.

(2) Re-profile corrected areas to verify that the localized roughness is less than 140 in/mile. Upload a revised ProVAL ride quality module report for corrected areas into MRS software.

After corrective action is performed (or the material is allowed to remain in place as-is), review the data in Atwoods by clicking "Adjust Pay".

Ride Data for	Ride Data for Project 1090-09-76 – IH 43 Rock Freeway 🔒 PRI									
Viewing Options:	RUN LIST REF	ERENCE DOCS	LANE MASTER DATA	Filter: All Records	~					
Details Submi	tted By: JAKE AM	UNDSON								
	Description	Run Date	Туре	Pay Sper	Station Start – End	Pay Adjustment / Review				
✓ DETAILS	IH43 SB LANE 1	09/25/24 11:10	НМА	RIDE 2.01	759+72 - 468+43	ADJUST PAY (Click "Details" to View Pay Adjustment Dollars) Reviewed By: ISABELLE HOLCOMB on 10/23/24 (Lane last uploaded on 09/25/24)				

Enter the adjusted pay reduction and fill out the "Remarks" field. In this section, indicate which corrective action option was selected. This is important so that anyone looking at the data after the fact can understand why pay was or was not adjusted.

LANE	WHEEL PATH	STATION START	STATION END	IRI VALUE	PAY ADJUSTMENT (FROM CONTRACTOR)	PAY ADJUSTMENT (REVIEWED)	EXCLUDE
2	Left	468+60	468+54	383.60	\$ -250.00 Not Corrected	0.00	No
Rema	arks: 740.3.4	4.2 Option #2 - lea	ave in place with	no pay reduc	tion //		

4. Also check that the contractor has uploaded the required documentation. Click

"Reference Docs" to view these documents.

Ride Data for Project 1090-09-76 - IH 43 Ro	ck Freeway		
Viewing Options: RUN LIST REFERENCE DOC	S ANE MASTER DATA	Filter: All Records	~
Reference Docs (Click on a filename	to download)		
IH43 SB LANE 1 T1 to T2.ppf	2,798 KB	09/25/2024	
IH43 SB LANE 1.rsd	3,095 KB	09/25/2024	
IH43 SB LANE 2 T1 to T2.ppf	2,798 KB	09/25/2024	
IH43 SB LANE 2.rsd	2,913 KB	09/25/2024	
IH43 NB LANE 1 T1 to T2.ppf	2,800 KB	10/22/2024	
IH43 NB LANE 1.rsd	3,072 KB	10/22/2024	
IH43 NB LANE 2 T1 to T2.ppf	2,800 KB	10/22/2024	
IH43 NB LANE 2.rsd	3,036 KB	10/22/2024	

5. Lastly, check that the equipment matches the QC plan and is on the approved products list. Also check that the operator is HTCP certified. To do this, click "Equipment Data".

	Description	Run Date	Туре	Pay Spec	Station Start – End	Pay Adjustment / Rev	view
▲ HIDE	IH43 SB LANE 1	09/25/24 11:10	НМА	RIDE 2.01	759+72 - 468+43	ADJUST PAY (Click "Details" to View Reviewed By: ISABELI (Lane last uploaded o	w Pay Adjustment Dollars) LE HOLCOMB on 10/23/24 n 09/25/24)
		RIDE DAT	A LOCALIZED RO		SUMMARY ADJUS	TMENTS DETAILS ADJUSTMENTS	
Eq	uipment Operator/Tes	ster		Operator: JAKE A	MUNDSON	HTCP Certification Number:	103866
Eq	uipment		Ma Collection Softw	Model: CS910 Andel: CS910 Are Version: 4.6.2.5	D MID-MOUNT	Serial Number: Certification No.: Analysis Software Version:	C59100-0163 103866 PROVAL 3.4
Eq	uipment Settings		B	ump Height: 200.00		Bump Length:	25.00
Bu	mp Identification Met	thod	> 200 inches pe	er mile IRI based on a	25 foot moving average IRI u	using the ProVAL Smoothness Assuranc	
Ot	her Settings:						

a. Check the Approved Profilers List on the WisDOT Approved Products list website.

2024 WisDOT Approved Profiler Listing Note: Profiler Approvals Expire on May 31, in the year following approval.

Contractor	Rock Ros	ad Companies Inc	A	oproved IRI Settings			
contractor.	301 W B	R Townline Rd	A	sproved net settings			
	Beloit W	Vi 53511					
	Belon, v						
Date Approve	ed:	Certified 05/01/2024	Collection Software Version:	Dual Laser Collection Version 4.5			
Approved for	Testing:	HMA and PCC	Data Collection Interval:	1 Inch			
Manufacturer	:	SSI	Fi ers:	None			
Device Type:	Device Type: High Speed Profiler Dual Laser		Other Selectable Settings:	None			
Model:	Model: CS9100 Mid Mount		Profile Initiation on/off	Auto			
Serial Number: 103		Reference Point Locator:	Auto				
Host Vehicle:	:	2017 GMC	Analysis Software Version:	ProVal 3.61.50			
Host Vehicle	Model:	Sierra 1500	250 mm Filter:	Yes			
Host Vehicle	Serial:	1GTV2MEC7H2199341	IRI Filter:	Yes			
Contact Perso	on:	Jake Amundson	Other Selectable Settings	None			
Cell Number:		608-752-8944	ProVAL Training Video and Ir	ProVAL Training Video and Input Import:			
E-mail Addre	SS	608-225-3568	http://roadwaystandards.dot.wi.go	http://roadwaystandards.dot.wi.gov/standards/gmp/index.htm			
Profiler Opera	ator:	jamundson@rockroads.com	IRI and Localized Roughness A	Areas Are Determined Using ProVAL:			
			http://www.roadprofile.com/				
Statement of the second			IRI and Localized Roughness I	Data Reported In MRS:			
AL - LANGE	and the second	Property and the second s	http://www.atwoodsystems.com	m/mrs			
			ALL	SCONSIN * ZOF			

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b. Check the UW Platteville HTCP Website for the operator's certification. The operator must have a current Profiler certification.

Certificatio	ons for:										
Jake Amundson (1	03866)										
Rock Road Co Inc	Rock Road Co Inc Certification list is current as of Tue Mar 18 13:36:36 GMT 2025										
Certification list is c	urrent as of Tue Mar 18 13:36:36	GMT 2025									
7 Certification(s)											
Certification	Cert. Date (ACT Only)	Expiration Date	Status	Main Instructor and Mentor (ACT Only)							
AGGTEC-I		7/31/2028	Active								
HMA-IPT		7/31/2028	Active								
HMA-MD		7/31/2028	Active								
HMA-TPC		7/31/2028	Active								
Nucdensity		7/31/2027	Active								
Profiler		7/31/2025	Active								
TMS		7/31/2028	Active	-							

Soils and Aggregate Review

- 1. All QC aggregate tests are entered in MRS for project review. These do not need to be approved, but it's important to review them for completion and accuracy.
 - a. Examples of aggregates that are entered Class I & Class II concrete aggregates, base aggregate, MSE backfill, etc.
- 2. To review aggregate tests, hover over [Project ID] Data and select "Soils & Agg"

	ment syst	t e m			0	Contact Us: (608) 848-6085
	🖨 HOME	Q PROJECTS	REVIEW AUTHORITY	🔓 1090-09-76 DATA	V 🕼 LINKS	
Project 1090-09-76 – IH 43 Rock Fr	reeway			PROJECT INFO		
Contract ID: 20240109008				VERIFIED REPORTS	V DATA FOUND	
FIELD OFFICE DETAILS				STRUCTURES	✓ DATA FOUND	
Office: (414)750-1403				PAVEMENT	× NO DATA	
Cell: Phone Number Not Available Fax: Fax Number Not Available				PCC THICKNESS	× NO DATA	
Address: W/19057777 Pacino Avo M	skogo WI 52150 (414)750 7400		(MITSCAN - CONTRACTS 2018	AND LATER)	
Address: W18957777 Racine Ave, Mu	uskego, WI 53150 ((414)750-7490		(MITSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO	NTRACTS PRIOR TO 2018)	
Address: W18957777 Racine Ave, Mu	uskego, WI 53150 (414)750-7490		(MITSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO	AND LATER) X NO DATA NTRACTS PRIOR TO 2018) DATA FOUND	
Address: W1895777 Racine Ave, Mu VIEW ON GOOGLE MAPS Directions: PROJECT LEADER	uskego, WI 53150 ((414)750-7490 MANAG	ER	(MITSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO HMA RIDE	X NO DATA X NO DATA NTRACTS PRIOR TO 2018) V DATA FOUND V DATA FOUND	
Address: W1895777 Racine Ave, MU VIEW ON GOOGLE MAPS Directions: PROJECT LEADER Brian Perz brian.perz@ot.wi.gov Office: (41,4750-1403	uskego, WI 53150 (414)750-7490 MANAG Alex.gras Office: 4	ER Isse Sse@dot.wi.gov	(MITSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO HMA RIDE SOILS & AGG	AND LATER) X NO DATA NTRACTS PRIOR TO 2018) DATA FOUND DATA FOUND A DATA FOUND	Nor dvailabla
Address: W1895777 Racine Ave. Mu view on GOOGLE MAPS Directions: PROJECT LEADER Brian Perz brian.perz@dot.wi.gov Office: (414)750-1403 Cell: 414-750-1403	uskego, WI 53150 (MANAG Alex Gra alex.gras Office: 4 Cell: Pho	ER ISSE SSe@dot.wi.gov 114-750-1404 one Number Not Available	(MTSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO HMA RIDE SOILS & AGG AGG SOURCES	AND LATER) X NO DATA NTRACTS PRIOR TO 2018) DATA FOUND ATA FOUND ATA FOUND X NO DATA	Not Available
Address: W1895777 Racine Ave, Mu view on GOOGLE MAPS Directions: PROJECT LEADER Brian Perz brian.perz@dt.wi.gov Office: (414)750-1403 Cell: 414-750-1403 WisDOT MATERIALS PERSON	uskego, WI 53150 (414)750-7490 MANAG Alex Gra alex.gras Office: 4 Cell: Pho CONTRA	ER Isse sse@dot.wi.gov 114-750-1404 one Number Not Available ACTOR MATERIALS PERSON	(MITSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO HMA RIDE SOILS & AGG AGG SOURCES	AND LATER) X NO DATA NTRACTS PRIOR TO 2018) DATA FOUND DATA FOUND ADATA FOUND X NO DATA TRAFFIC COMPANY	Not Available
Address: W1895777 Racine Ave, Mu view on GOGGLE MAPS Directions: PROJECT LEADER Brian.perz@dot.wi.gov Office: (414)750-1403 Cell: 414-750-1403 WisbOT MATERIALS PERSON Email Not Available	uskego, WI 53150 (414)750-7490 MANAG Alex Gra alex.gras Office: 4 Cell: Pho CONTRA Mike Jac	ER Isse sse@dot.wi.gov 114-750-1404 one Number Not Available ACTOR MATERIALS PERSON tobs	(MTSCAN - CONTRACTS 2018 PCC THICKNESS (OLD PROBING METHOD - CO HMA RIDE SOILS & AGG AGG SOURCES	AND LATER) X NO DATA NTRACTS PRIOR TO 2018) DATA FOUND DATA FOUND AND DATA FOUND X NO DATA TRAFFIC COMPANY Mega Rentals	: Not Available

- 3. Per Standard Spec 710.5.6.2.1, gradation results and control charts must be provided to the engineer within 1 business day of sampling. QC reports (including source documents) and entry into MRS are both required. Timely submission and review of aggregate data is crucial to ensure conformance and to determine whether corrective action is needed. Close communication with the QC testing company is the best way to accomplish this!
- 4. To review aggregate test results, click "Details" for the sample you want to review. Then click "Summary Report" to view the entire entry.

HIDE CO201.636-162-7-2024	06/26/24 LeVar L	ofton / 203861 07/18/24	CHRISTIAN CAPE QC	FINE AGG, COURSE AGG A AND B	556.00 CUBIC YARDS Yes
Detrore Summary Report For COR01.636-16 Date Sampled: 06/ Date Received: 06/ Date Tested: 06/ Material Tested: RIN Manufacturer Name: GE Prime Contractor: Verified By: CH Remarks:	2-7-2024 25/2024 26/2024 26/2024 E AGG, COURSE AGG A NESEE	Placement Station: Placement Offset: Placement Lift ID: Quantity & Units: Item Number: Measurement System: Date Verified:	556.00 CUBIC YARDS English 07/18/2024	Sampled By: Received By: Tested By: MSE Wan Structure 10: Test Type: Sampled During: Satisfactory? :	Print Report Bradley Schmidt / 101011 LeVar Lofton / 203861 QC Yes
Multiple Gradation #2 Coarse	2	#1C	oarse	Fine G	radation
Weight of Sample (Moist):	16765.30	Weight of Sample (Moist):	5857.70	Weight of Sample (Moist):	520.90 495.20
Sieve Size Metric (English) 50.0 (2")	Cumulative Weight 0.0	Sieve Size Metric (English) 25.0 (17)	Cumulative Weight	Sieve Size Metric (English) 9.5 (3/8")	Cumulative Weight
37.5 (1 1/2")	1603.0	19.0 (3/4")	376.0	4.75 (#4)	45.6
25.0 (1")	11901.0	9.5 (3/8")	4279.0	1.18 (#16)	137.4
19.0 (3/4")	15946.8	4.75 (#4)	5399.8	0.600 (#30)	235.2
12.5 (1/2")	16234.8	2.36 (#8)	5613.7	0.425 (#40)	
9.5 (3/8")	16234.8	75µm (#200)	5634.0	0.300 (#50)	386.8
75µm (#200)	16255.6	In Pan	5638.6	0.150 (#100)	467.7
In Pan	16266.8			75µm (#200)	485.2
				In Pan	485.6
				Reviewed By:	
				Printed Name:	

- 5. Check that the following information matches the QC test report.
 - a. Date sampled & date tested
 - b. Sampler and tester
 - c. Materials source(s)
 - d. Individual gradations
 - e. Satisfactory?
- 6. Even though these tests don't need to be approved/finalized, it is good practice to note on a quantity tracking sheet that a test has been entered and reviewed. It's helpful for final reviewers if the test number is recorded on the tracking sheet.