

WILLIAMSON COUNTY, TEXAS
CHANGE ORDER NUMBER: 25



1. CONTRACTOR: J.C. Evans Construction
2. Change Order Work Limits: Sta. 457+78 to Sta. 637+00
3. Type of Change(on federal-aid non-exempt projects): minor (Major/Minor)
4. Reasons: 3M (3 Max. - In order of importance - Primary first)

Project:	<u>09WC706</u>
Roadway:	<u>Williams Drive</u>
CSJ:	<u>0211-01-016</u>

5. Describe the work being revised:

3M: County Convenience. Other. As required by Item 341, this Change Order adjusts the amount of compensation paid to the Contractor based upon the quality of the remaining hot mix asphalt surface produced and placed on the project. The Contractor has met the requirements to receive an asphalt production & placement bonus for the remaining hot mix asphalt surface on the project.

6. Work to be performed in accordance with Items: 341
7. New or revised plan sheet(s) are attached and numbered: N/A
8. New Special Provisions to the contract are attached: ☐ Yes ☒ No
9. New Special Provisions to Item N/A No. N/A, Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

<p><i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit, or loss of compensation as a result of this change.</i></p> <p>THE CONTRACTOR Date <u>10/12/11</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Steve Owen</u></p> <p>Typed/Printed Title <u>Project Manager</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u></p> <p>Amount added by this change order: <u>\$53,780.25</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 10/14/11
Project Manager Date
Construction Observer

N/A
Design Engineer Date

[Signature] 10/17/2011
Program Manager Date

Design Engineer's Seal:

N/A

County Commissioner Precinct 1 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 2 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 3 Date
☐ APPROVED ☐ REQUEST APPROVAL

County Commissioner Precinct 4 Date
☐ APPROVED ☐ REQUEST APPROVAL

[Signature] 11-15-11
☒ APPROVED County Judge Date

CHANGE ORDER NUMBER: 25

Project # 09WC706

[illegible]

TABLE B: Contract Items

[illegible]

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

ATKINS

**CHANGE ORDER
MEMORANDUM**

TO: James D. Klotz, P. E. HNTB Corp.	Date: July 19, 2011 Project: 09WC706 Control: 2211-01-016
From: Darren Muenster, Construction Project Manager, Atkins	Highway: FM 2338-Williams Drive County: Williamson

Re: Change Order No. 25, Dense-Graded Hot-Mix Asphalt (QC/QA) Bonus/Penalty

Enclosed find Change Order No. 25 for the above referenced project.

Contract Item 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA) requires the adjustment of compensation paid to the contractor based on the quality of the hot mix asphalt pavement produced and placed. Specific job control tests were run on the asphalt (see attached back-up documentation) to monitor the quality of the mix. Using the results of these tests in conjunction with TxDOT formulas as outlined in the specification, the Contractor was either awarded a bonus or assessed a penalty. This change order increases the amount of the previously added contract item in order to make the final pay adjustment for the remainder of the surface hot mix asphalt placed on the project.

No new items are required for this Change Order.

This Change Order results in a net increase of \$53,780.25 to the Contract amount, for an adjusted total Contract amount of \$13,525,372.70. The original contract amount was 11,464,068.41. As a result of this and all Change Orders to date, \$2,061,304.29 has been added to the Contract, resulting in a 18% net increase in the Contract Cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

ATKINS

Darren Muenster

WILLIAMS DRIVE - PHASE I

Project: 09WC706

CSJ: 0211-01-016

ITEM 341-2048: D-GR HMA(QCQA) TY-C SAC-B PG70-22

PRODUCTION & PLACEMENT BONUS / PENALTY					
Lot #	Production Bonus	Placement Bonus	Production Penalty	Placement Penalty	Total Bonus or Penalty
1	\$1,715.00	\$1,540.00			\$3,255.00
1B	\$783.82	\$605.67			\$1,389.49
Paid with Change Order #17					\$4,644.49
2	\$2,595.86	\$2,119.07			\$4,714.93
3	\$2,597.02	\$2,720.68			\$5,317.70
4	\$2,373.96	\$2,311.49			\$4,685.45
5	\$3,251.48	\$3,330.78			\$6,582.26
6	\$1,108.33	\$484.89			\$1,593.22
7	\$1,614.35	\$1,426.64			\$3,040.99
8	\$2,299.41	\$1,916.17			\$4,215.58
9	\$1,848.97	\$2,119.55			\$3,968.52
10	\$1,624.96	\$1,809.62			\$3,434.58
11	\$1,246.65	\$986.92			\$2,233.57
12	\$2,450.37	\$2,287.01			\$4,737.38
13	\$498.78	\$583.94			\$1,082.72
14	\$1,538.20	\$1,538.20			\$3,076.40
15	\$1,699.36	\$1,292.99			\$2,992.35
16	\$1,006.55	\$1,098.05			\$2,104.60
Paid with Change Order #25					\$53,780.25
Totals	\$30,253.07	\$28,171.67	\$0.00	\$0.00	\$58,424.74

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/11/2010
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,513.62	Bid Price / Tons:		\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?		

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.5	96.7	96.5	96.2
Absolute Deviation:	0.0	0.2	0.0	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.050	1.044
Average Pay Factor:	1.049			
Production Pay Factor:	1.049			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.0	5.4	5.1	8.0
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.050	1.010
Average Pay Factor:	1.040			
Placement Pay Factor:	1.040			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,513.62 x 1.049

A = \$111,145.12

TPA1 = \$111,145.12

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$111,145.12 - (\$70.00 x 1,513.62)

Production Only Bonus* = \$5,191.72

Bonus* only applies when Contractor is not responsible for placement of mix.

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,191.72 / 2.

Production Bonus Paid on Estimate = **\$2,595.86**

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,513.62 x 1.040) + (\$70.00 x 0.00)

B = \$110,191.54

TPA2 = (A+B) / 2

TPA2 = (\$111,145.12 + \$110,191.54) / 2

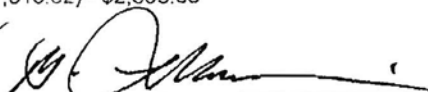
TPA2 = \$110,668.33

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$110,668.33 - (\$70.00 x 1,513.62) - \$2,595.86

Placement Bonus Paid on Estimate = **\$2,119.07**

Signature of Contractor Representative


Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/15/2010
LOT NUMBER:	3	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		1,766.68	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.0	96.3	96.3	96.9
Absolute Deviation:	0.5	0.2	0.2	0.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.050	1.050	1.038
Average Pay Factor:	1.042			
Production Pay Factor:	1.042			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.7	6.0	6.6	6.0
Auto 1.000 Pay Factor:				
Pay Factor:	1.036	1.050	1.038	1.050
Average Pay Factor:	1.044			
Placement Pay Factor:	1.044			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,766.68 x 1.042

A = \$128,861.64

TPA1 = \$128,861.64

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$128,861.64 - (\$70.00 x 1,766.68)

Production Only Bonus* = \$5,194.04

Bonus* only applies when Contractor is not responsible for placement of mix.

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,194.04 / 2

Production Bonus Paid on Estimate = \$2,597.02 ✓

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,766.68 x 1.044) + (\$70.00 x 0.00)

B = \$129,108.97

TPA2 = (A+B) / 2

TPA2 = (\$128,861.64 + \$129,108.97) / 2

TPA2 = \$128,985.31

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$128,985.31 - (\$70.00 x 1,766.68) - \$2,597.02

Placement Bonus Paid on Estimate = \$2,720.68

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/16/2010
LOT NUMBER:	4	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMAC		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		1,784.93	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	97.3	96.7	96.9	96.7
Absolute Deviation:	0.8	0.2	0.4	0.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.013	1.050	1.038	1.050
Average Pay Factor:	1.038			
Production Pay Factor:	1.038			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.7	5.7	5.7	6.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.005	1.050	1.050	1.044
Average Pay Factor:	1.037			
Placement Pay Factor:	1.037			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,784.93 x 1.038

A = \$129,693.01

TPA1 = \$129,693.01

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$129,693.01 - (\$70.00 x 1,784.93)

Production Only Bonus* = \$4,747.91

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,747.91 / 2

Production Bonus Paid on Estimate = \$2,373.96

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,784.93 x 1.037) + (\$70.00 x 0.00)

B = \$129,568.07

TPA2 = (A+B) / 2

TPA2 = (\$129,693.01 + \$129,568.07) / 2

TPA2 = \$129,630.54

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$129,630.54 - (\$70.00 x 1,784.93) - \$2,373.95

Placement Bonus Paid on Estimate = \$2,311.49

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/17/2010
LOT NUMBER:	5	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	

Quantity Actually Placed, Tons:	2,265.84	Bid Price / Tons:	\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.5	96.8	96.1	96.0
Absolute Deviation:	0.0	0.3	0.4	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.044	1.038	1.031
Average Pay Factor:	1.041			
Production Pay Factor:	1.041			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.2	5.5	5.6	7.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.046	1.050	1.050	1.022
Average Pay Factor:	1.042			
Placement Pay Factor:	1.042			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 2,265.84 x 1.041

A = \$165,111.76

TPA1 = \$165,111.76

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$165,111.76 - (\$70.00 x 2,265.84)

Production Only Bonus* = \$6,502.96

Bonus* only applies when Contractor is not responsible for placement of mix.

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,502.96 / 2

Production Bonus Paid on Estimate = \$3,251.48

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 2,265.84 x 1.042) + (\$70.00 x 0.00)

B = \$165,270.37

TPA2 = (A+B) / 2

TPA2 = (\$165,111.76 + \$165,270.37) / 2

TPA2 = \$165,191.07

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$165,191.07 - (\$70.00 x 2,265.84) - \$3,251.48

Placement Bonus Paid on Estimate = \$3,330.78

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/18/2010
LOT NUMBER:	6	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons		989.58	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	97.5	96.8	96.9	96.8
Absolute Deviation:	1.0	0.3	0.4	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.000	1.044	1.038	1.044
Average Pay Factor:	1.032			
Production Pay Factor:	1.032			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.4	4.8	6.7	6.5
Auto 1.000 Pay Factor:				
Pay Factor:	0.960	1.020	1.036	1.040
Average Pay Factor:	1.014			
Placement Pay Factor:	1.014			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 989.58 x 1.032

A = \$71,487.26

TPA1 = \$71,487.26

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$71,487.26 - (\$70.00 x 989.58)

Production Only Bonus* = \$2,216.66

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,216.66 / 2

Production Bonus Paid on Estimate = \$1,108.33 ✓

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 989.58 x 1.014) + (\$70.00 x 0.00)

B = \$70,240.39

TPA2 = (A+B) / 2

TPA2 = (\$71,487.26 + \$70,240.39) / 2

TPA2 = \$70,863.83

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$70,863.83 - (\$70.00 x 989.58) - \$1,108.33

Placement Bonus Paid on Estimate = \$484.89 ✓

Signature of Contractor Representative


 Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/24/2010
LOT NUMBER:	7	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		1,072.66	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.6	96.9	96.8	96.1
Absolute Deviation:	0.1	0.4	0.3	0.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.038	1.044	1.038
Average Pay Factor:	1.043			
Production Pay Factor:	1.043			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.0	6.2	7.5	6.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.046	1.020	1.036
Average Pay Factor:	1.038			
Placement Pay Factor:	1.038			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,072.66 x 1.043

A = \$78,314.91

TPA1 = \$78,314.91

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$78,314.91 - (\$70.00 x 1,072.66)

Production Only Bonus* = \$3,228.71

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$3,228.71 / 2

Production Bonus Paid on Estimate = \$1,614.36

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)

+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,072.66 x 1.038) + (\$70.00 x 0.00)

B = \$77,939.48

TPA2 = (A+B) / 2

TPA2 = (\$78,314.91 + \$77,939.48) / 2

TPA2 = \$78,127.20

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$78,127.20 - (\$70.00 x 1,072.66) - \$1,614.36

Placement Bonus Paid on Estimate = \$1,426.64

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	11/29/2010
LOT NUMBER:	8	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMAc		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		1,564.22	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot? <input type="checkbox"/>

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.0	96.1	96.4	96.4
Absolute Deviation:	0.5	0.4	0.1	0.1
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.038	1.050	1.050
Average Pay Factor:	1.042			
Production Pay Factor:	1.042			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.8	7.2	5.6	5.6
Auto 1.000 Pay Factor:				
Pay Factor:	1.014	1.026	1.050	1.050
Average Pay Factor:	1.035			
Placement Pay Factor:	1.035			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,564.22 x 1.042

A = \$114,094.21

TPA1 = \$114,094.21

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$114,094.21 - (\$70.00 x 1,564.22)

Production Only Bonus* = \$4,598.81

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,598.81 / 2

Production Bonus Paid on Estimate = \$2,299.41

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,564.22 x 1.035) + (\$70.00 x 0.00)

B = \$113,327.74

TPA2 = (A+B) / 2

TPA2 = (\$114,094.21 + \$113,327.74) / 2

TPA2 = \$113,710.98

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$113,710.98 - (\$70.00 x 1,564.22) - \$2,299.41

Placement Bonus Paid on Estimate = \$1,916.17

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	12/2/2010
LOT NUMBER:	9	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		1,288.48	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.2	96.4	96.9	96.0
Absolute Deviation:	0.3	0.1	0.4	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.050	1.038	1.031
Average Pay Factor:	1.041			
Production Pay Factor:	1.041			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.0	6.7	5.8	5.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.036	1.050	1.050
Average Pay Factor:	1.047			
Placement Pay Factor:	1.047			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,288.48 x 1.041

A = \$93,891.54

TPA1 = \$93,891.54

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$93,891.54 - (\$70.00 x 1,288.48)

Production Only Bonus* = \$3,697.94

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$3,697.94 / 2

Production Bonus Paid on Estimate = \$1,848.97

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,288.48 x 1.047) + (\$70.00 x 0.00)

B = \$94,432.70

TPA2 = (A+B) / 2

TPA2 = (\$93,891.54 + \$94,432.70) / 2

TPA2 = \$94,162.12

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$94,162.12 - (\$70.00 x 1,288.48) - \$1,848.97

Placement Bonus Paid on Estimate = \$2,119.55

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	12/3/2010
LOT NUMBER:	10	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Lalo Orona #2518	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMAC		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	

Quantity Actually Placed, Tons:	1,055.17	Bid Price / Tons:	\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.7	96.2	96.1	96.2
Absolute Deviation:	0.2	0.3	0.4	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.044	1.038	1.044
Average Pay Factor:	1.044			
Production Pay Factor:	1.044			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.2	5.7	5.5	5.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.046	1.050	1.050	1.050
Average Pay Factor:	1.049			
Placement Pay Factor:	1.049			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,055.17 x 1.044

A = \$77,111.82

TPA1 = \$77,111.82

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$77,111.82 - (\$70.00 x 1,055.17)

Production Only Bonus* = \$3,249.92

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2

Production Bonus Paid on Estimate = \$3,249.92 / 2

Production Bonus Paid on Estimate = \$1,624.96

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,055.17 x 1.049) + (\$70.00 x 0.00)

B = \$77,481.13

TPA2 = (A+B) / 2

TPA2 = (\$77,111.82 + \$77,481.13) / 2

TPA2 = \$77,296.48

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$77,296.48 - (\$70.00 x 1,055.17) - \$1,624.96

Placement Bonus Paid on Estimate = \$1,809.62

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	12/9/2010
LOT NUMBER:	11	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		742.05	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.6	96.5	96.8	
Absolute Deviation:	0.1	0.0	0.3	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.044	
Average Pay Factor:	1.048			
Production Pay Factor:	1.048			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.4	6.4	5.1	
Auto 1.000 Pay Factor:				
Pay Factor:	1.022	1.042	1.050	
Average Pay Factor:	1.038			
Placement Pay Factor:	1.038			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 742.05 x 1.048

A = \$54,436.79

TPA1 = \$54,436.79

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$54,436.79 - (\$70.00 x 742.05)

Production Only Bonus* = \$2,493.29

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,493.29 / 2

Production Bonus Paid on Estimate = \$1,246.65

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 742.05 x 1.038) + (\$70.00 x 0.00)

B = \$53,917.35

TPA2 = (A+B) / 2

TPA2 = (\$54,436.79 + \$53,917.35) / 2

TPA2 = \$54,177.07

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$54,177.07 - (\$70.00 x 742.05) - \$1,246.65

Placement Bonus Paid on Estimate = \$986.92

Signature of Contractor Representative


Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	12/10/2010
LOT NUMBER:	12	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C HMA		
PRODUCER:	APAC-Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	Clayton Weber
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	

Quantity Actually Placed, Tons:	1,555.79	Bid Price / Tons:	\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.4	96.5	96.3	96.0
Absolute Deviation:	0.1	0.0	0.2	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.050	1.031
Average Pay Factor:	1.045			
Production Pay Factor:	1.045			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.4	4.9	5.6	6.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.035	1.050	1.034
Average Pay Factor:	1.042			
Placement Pay Factor:	1.042			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,555.79 x 1.045

A = \$113,806.04

TPA1 = \$113,806.04

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$113,806.04 - (\$70.00 x 1,555.79)

Production Only Bonus* = \$4,900.74

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,900.74 / 2

Production Bonus Paid on Estimate = \$2,450.37

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,555.79 x 1.042) + (\$70.00 x 0.00)

B = \$113,479.32

TPA2 = (A+B) / 2

TPA2 = (\$113,806.04 + \$113,479.32) / 2

TPA2 = \$113,642.68

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$113,642.68 - (\$70.00 x 1,555.79) - \$2,450.37

Placement Bonus Paid on Estimate = \$2,287.01

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	3/29/11
LOT NUMBER:	13	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C 825-70LH		
PRODUCER:	APAC Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	

Quantity Actually Placed, Tons:	347.58	Bid Price / Tons:	\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.6	97.0		
Absolute Deviation:	0.1	0.5		
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.031		
Average Pay Factor:	1.041			
Production Pay Factor:	1.041			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.4	6.2		
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.046		
Average Pay Factor:	1.048			
Placement Pay Factor:	1.048			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 347.58 x 1.041

A = \$25,328.15

TPA1 = \$25,328.15

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$25,328.15 - (\$70.00 x 347.58)

Production Only Bonus* = \$997.55

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$997.55 / 2

Production Bonus Paid on Estimate = \$498.78

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 347.58 x 1.048) + (\$70.00 x 0.00)

B = \$25,498.47

TPA2 = (A+B) / 2

TPA2 = (\$25,328.15 + \$25,498.47) / 2

TPA2 = \$25,413.31

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$25,413.31 - (\$70.00 x 347.58) - \$498.78

Placement Bonus Paid on Estimate = \$583.94

Signature of Contractor Representative



Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	3/30/11
LOT NUMBER:	14	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C 825-70LH		
PRODUCER:	APAC Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		998.83	Bid Price / Tons:		\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?		

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.3	96.4	96.8	96.0
Absolute Deviation:	0.2	0.1	0.3	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.044	1.031
Average Pay Factor:	1.044			
Production Pay Factor:	1.044			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.5	6.4	6.3	5.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.040	1.042	1.044	1.050
Average Pay Factor:	1.044			
Placement Pay Factor:	1.044			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 998.83 x 1.044

A = \$72,994.50

TPA1 = \$72,994.50

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$72,994.50 - (\$70.00 x 998.83)

Production Only Bonus* = \$3,076.40

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$3,076.40 / 2

Production Bonus Paid on Estimate = \$1,538.20

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 998.83 x 1.044) + (\$70.00 x 0.00)

B = \$72,994.50

TPA2 = (A+B) / 2

TPA2 = (\$72,994.50 + \$72,994.50) / 2

TPA2 = \$72,994.50

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$72,994.50 - (\$70.00 x 998.83) - \$1,538.20

Placement Bonus Paid on Estimate = \$1,538.20

Signature of Contractor Representative



Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	4/5/2011
LOT NUMBER:	15	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C 825-70LH		
PRODUCER:	APAC Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:	STATION:	DIST. FROM CL:
Quantity Actually Placed, Tons:		1,055.50
Bid Price / Tons:		\$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:		
First Lot?		

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.1	96.5	96.4	96.2
Absolute Deviation:	0.4	0.0	0.1	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.050	1.050	1.044
Average Pay Factor:	1.046			
Production Pay Factor:	1.046			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.8	5.1	6.9	7.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.034	1.050	1.032	1.024
Average Pay Factor:	1.035			
Placement Pay Factor:	1.035			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 1,055.50 x 1.046

A = \$77,283.71

TPA1 = \$77,283.71

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$77,283.71 - (\$70.00 x 1,055.50)

Production Only Bonus* = \$3,398.71

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$3,398.71 / 2

Production Bonus Paid on Estimate = \$1,699.36

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)
+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 1,055.50 x 1.035) + (\$70.00 x 0.00)

B = \$76,470.98

TPA2 = (A+B) / 2

TPA2 = (\$77,283.71 + \$76,470.98) / 2

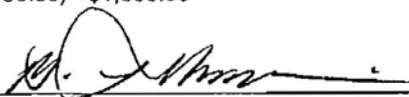
TPA2 = \$76,877.35

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$76,877.35 - (\$70.00 x 1,055.50) - \$1,699.36

Placement Bonus Paid on Estimate = \$1,292.99

Signature of Contractor Representative


Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	HOT 825-70LH	DATE LOT OPENED:	4/6/2011
LOT NUMBER:	16	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	2211-01-016
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	David Zapata #2052	SPEC ITEM:	341
SAMPLE LOCATION:	Plant/Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	Type C 825-70LH		
PRODUCER:	APAC Wheeler Liberty Hill		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:				653.60	Bid Price / Tons: \$70.00
Quantity Placed But No Air Void Testing Was Required, Tons:					First Lot?

LABORATORY MOLDED DENSITY				
TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.4	96.9	96.2	
Absolute Deviation:	0.1	0.4	0.3	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.038	1.044	
Average Pay Factor:	1.044			
Production Pay Factor:	1.044			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.3	5.6	5.7	
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.050	1.050	
Average Pay Factor:	1.048			
Placement Pay Factor:	1.048			

TOTAL PAY ADJUSTMENTS

TPA1=A

A = Bid Price x Quantity Actually Placed x Pay Adjustment Factor for Production.

A = \$70.00 x 653.60 x 1.044

A = \$47,765.09

TPA1 = \$47,765.09

Production Only Bonus* = A - (Bid Price x Production Lot Quantity Placed).

Production Only Bonus* = \$47,765.09 - (\$70.00 x 653.60)

Production Only Bonus* = \$2,013.09

Bonus only applies when Contractor is not responsible for placement of mix.*

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,013.09 / 2

Production Bonus Paid on Estimate = \$1,006.55

TPA2=(A+B)/2

B = (Bid Price x Placement Lot Quantity Tested for Air Voids x Pay Adjustment Factor for Placement)

+ (Bid Price x Placement Lot Quantity Not Tested for Air Voids.)

B = (\$70.00 x 653.60 x 1.048) + (\$70.00 x 0.00)

B = \$47,948.10

TPA2 = (A+B) / 2

TPA2 = (\$47,765.09 + \$47,948.10) / 2

TPA2 = \$47,856.60

Placement Bonus Paid on Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Bonus Paid on Estimate = \$47,856.60 - (\$70.00 x 653.60) - \$1,006.55

Placement Bonus Paid on Estimate = \$1,098.05

Signature of Contractor Representative

Signature of TX DOT Representative