

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 4

1. CONTRACTOR: J. C. Evans Construction
2. Change Order Work Limits: Sta. 1375+02 to Sta. 1587+45
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>08WC607</u>
Roadway:	<u>US 79</u> <u>Section 5B</u>
CSJ Number:	<u>0204-04-042</u>

5. Describe the work being revised:

3M: County Convenience. Other. This change order allows Williamson County to adjust the amount of compensation to be paid to the contractor in proportion to the quality of the asphalt pavement produced and placed 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><small>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.</small></p> <p>THE CONTRACTOR Date <u>6/29/09</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Blake Cervenka</u></p> <p>Typed/Printed Title <u>P.M.</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>\$55,234.06</u></p> <p>Received</p> <p>JUN 29 2009</p> <p>HNTB Corporation Round Rock</p>
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RECOMMENDED FOR EXECUTION:

<p><u>[Signature]</u> <u>6/29/09</u></p> <p>Project Manager Date</p> <p>Construction Observer</p>	<p>County Commissioner Precinct 1 Date</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p>Design Engineer Date</p>	<p>County Commissioner Precinct 2 Date</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p><u>[Signature]</u> <u>7/7/09</u></p> <p>Program Manager Date</p>	<p>County Commissioner Precinct 3 Date</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p>Design Engineer's Seal:</p> <p>See Revised Sheets</p>	<p>County Commissioner Precinct 4 Date</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p> <p><u>[Signature]</u> <u>7-16-09</u></p> <p>County Judge Date</p>

Project # 08WC607

CHANGE ORDER NUMBER: 4

TABLE A: Force Account Work and Materials Placed into Stock

[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

Williamson County Pass Through Financing

**US 79, Section 5B
Williamson County Project No. 08WC607**

Change Order No. 4

Reason for Change

Contract Item 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA) allows for 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 specifications, the Contractor was either awarded a bonus or assessed a penalty. This change order adds the pay items below to the contract in order to make these pay adjustments.

Following is a summary of the new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
9341-9001	D-GR HMA (QC/QA) TY-B BONUS/ PENALTY	30,532.42	DOL
9341-9002	D-GR HMA (QC/QA) TY-C BONUS/ PENALTY	24,701.64	DOL

This Change Order results in a net increase of \$55,234.06 to the Contract amount, for an adjusted total Contract amount of \$17,088,637.55. The original Contract amount was \$16,986,053.49. As a result of this and all Change Orders to date, \$102,584.06 has been added to the Contract, resulting in a 0.60% net increase in the Contract Cost. No additional days will be added to the Contract as a result of this Change Order.

Huitt~Zollars, Inc.

Kenneth L. 'Zeke' Zieschang, P.E.

US 79 - Section 5B

Project: 08WC607

CSJ: 0204-04-042

ITEM 341-2014: D-GR HMA (QCQA) TY-B PG70-22

PRODUCTION & PLACEMENT BONUS / PENALTY

LOT #	PRODUCTION BONUS	PLACEMENT BONUS	PRODUCTION PENALTY	PLACEMENT PENALTY	TOTAL BONUS OR PENALTY
1		\$1,007.50	(\$195.00)		\$812.50
2	\$2,064.00	\$2,263.73			\$4,327.73
3	\$3,835.77	\$106.55			\$3,942.32
4			(\$1,120.94)	(\$240.20)	(\$1,361.14)
5	\$2,437.49	\$2,242.50			\$4,679.99
6	\$981.81	\$1,446.88			\$2,428.69
7	\$4,996.59	\$3,397.67			\$8,394.26
8	\$3,020.67	\$4,287.40			\$7,308.07
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
TOTALS	\$17,336.33	\$14,752.23	(\$1,315.94)	(\$240.20)	\$30,532.42

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: US 79 SECTION 5B	DATE LOT OPENED: 5/1/09
LOT NUMBER: 1	LETTING DATE:
SAMPLE STATUS:	CONTROLLING CSJ: 0204-04-042
COUNTY: Williamson	SPEC YEAR: 2004
SAMPLED BY: Paul Baguley	SPEC ITEM: 341
SAMPLE LOCATION: Truck	SPECIAL PROVISION:
MATERIAL CODE:	MIX TYPE: ITEM341_B_Fine_Base
MATERIAL NAME: HOT 834-70 - TYPE "B" HMAC w/PG 70-22	
PRODUCER: Iron Horse Asphalt- MANOR	
AREA ENGINEER:	PROJECT MANAGER:

COURSE/LIFT:	STATION:	DIST. FROM CL:
Quantity Actually Placed, Tons: 1,000.00		Bid Price / Tons: \$65.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot? Yes

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	97.8	96.9	96.8
Absolute Deviation:	1.0	1.3	0.4	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.000	0.895	1.038	1.044
Average Pay Factor:	0.994			
Production Pay Factor:	0.994			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.1	5.4	5.6	7.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.000	1.050	1.050	1.024
Average Pay Factor:	1.031			
Placement Pay Factor:	1.031			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 1,000.00 x 0.994

A = \$64,610.00

TPA1 = \$64,610.00

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

Production Only Penalty* = \$64,610.00 - (\$65.00 x 1,000.00)

Production Only Penalty* = (\$390.00)

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

Production Penalty Deducted from Estimate = Penalty / 2.

Production Penalty Deducted from Estimate = (\$390.00) / 2

Production Penalty Deducted from Estimate = (\$195.00)

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 = (\$65.00 x 1,000.00 x 1.031) + (\$65.00 x 0.00)

B = \$67,015.00

TPA2 = (A+B) / 2

TPA2 = (\$64,610.00 + \$67,015.00) / 2

TPA2 = \$65,812.50

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

Placement Bonus Paid on Estimate = \$65,812.50 - (\$65.00 x 1,000.00) - (\$195.00)

Placement Bonus Paid on Estimate = \$1,007.50

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/4/09
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE\LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,048.63	Bid Price / Tons:		\$65.00
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	97.2	97.1	
Absolute Deviation:	0.1	0.7	0.6	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.019	1.025	No Seg?
Average Pay Factor:	1.031			
Production Pay Factor:	1.031			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.4	6.3	7.7	
Auto 1.000 Pay Factor:				
Pay Factor:	1.042	1.044	1.016	No Seg?
Average Pay Factor:	1.034			
Placement Pay Factor:	1.034			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 2,048.63 x 1.031

A = \$137,288.94

TPA1 = \$137,288.94

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

Production Only Bonus* = \$137,288.94 - (\$65.00 x 2,048.63)

Production Only Bonus* = \$4,127.99

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,127.99 / 2

Production Bonus Paid on Estimate = \$2,064.00

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 = (\$65.00 x 2,048.63 x 1.034) + (\$65.00 x 0.00)

B = \$137,688.42

TPA2 = (A+B) / 2

TPA2 = (\$137,288.94 + \$137,688.42) / 2

TPA2 = \$137,488.68

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

Placement Bonus Paid on Estimate = \$137,488.68 - (\$65.00 x 2,048.63) - \$2,064.00

Placement Bonus Paid on Estimate = \$2,263.73

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/5/09
LOT NUMBER:	3	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		3,278.43	Bid Price / Tons: \$65.00
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	96.3	96.1	95.8
Absolute Deviation:	0.4	0.2	0.4	0.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.050	1.038	1.019
Average Pay Factor:	1.036			
Production Pay Factor:	1.036			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	8.6	9.0	8.1	8.1
Auto 1.000 Pay Factor:				
Pay Factor:	0.998	0.990	1.008	1.008
Average Pay Factor:	1.001			
Placement Pay Factor:	1.001			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 3,278.43 x 1.036

A = \$220,769.48

TPA1 = \$220,769.48

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

Production Only Bonus* = \$220,769.48 - (\$65.00 x 3,278.43)

Production Only Bonus* = \$7,671.53

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$7,671.53 / 2

Production Bonus Paid on Estimate = \$3,835.77

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 = (\$65.00 x 3,278.43 x 1.001) + (\$65.00 x 0.00)

B = \$213,311.05

TPA2 = (A+B) / 2

TPA2 = (\$220,769.48 + \$213,311.05) / 2

TPA2 = \$217,040.27

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

Placement Bonus Paid on Estimate = \$217,040.27 - (\$65.00 x 3,278.43) - \$3,835.77

Placement Bonus Paid on Estimate = \$106.55

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/6/09
LOT NUMBER:	4	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:		SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,502.09	Bid Price / Tons:		\$64.00
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:	96.7	95.1	97.2	95.7
Absolute Deviation:	0.2	1.4	0.7	0.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	0.860	1.019	1.013
Average Pay Factor:	0.986			
Production Pay Factor:	0.986			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.8	9.3	7.3	7.0
Auto 1.000 Pay Factor:				
Pay Factor:	1.034	0.900	1.024	1.030
Average Pay Factor:	0.997			
Placement Pay Factor:	0.997			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$64.00 x 2,502.09 x 0.986

A = \$157,891.89

TPA1 = \$157,891.89

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

Production Only Penalty* = \$157,891.89 - (\$64.00 x 2,502.09)

Production Only Penalty* = (\$2,241.87)

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

Production Penalty Deducted from Estimate = Penalty / 2.

Production Penalty Deducted from Estimate = (\$2,241.87) / 2

Production Penalty Deducted from Estimate = (\$1,120.94)

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 = (\$64.00 x 2,502.09 x 0.997) + (\$64.00 x 0.00)

B = \$159,653.36

TPA2 = (A+B) / 2

TPA2 = (\$157,891.89 + \$159,653.36) / 2

TPA2 = \$158,772.63

Placement Penalty Deducted from Estimate = TPA2 - (Bid Price x Quantity Actually Placed) - Production Estimate Adjustment.

Placement Penalty Paid on Estimate = \$158,772.63 - (\$64.00 x 2,502.09) - (\$1,120.94)

Placement Penalty Deducted from Estimate = (\$240.20)

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/7/09
LOT NUMBER:	5	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,999.99	Bid Price / Tons:		\$65.00
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	95.5	95.9	
Absolute Deviation:	0.1	1.0	0.6	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.000	1.025	No Seg?
Average Pay Factor:	1.025			
Production Pay Factor:	1.025			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	8.9	6.4	6.8	
Auto 1.000 Pay Factor:				
Pay Factor:	0.992	1.042	1.034	No Seg?
Average Pay Factor:	1.023			
Placement Pay Factor:	1.023			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 2,999.99 x 1.025

A = \$199,874.33

TPA1 = \$199,874.33

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

Production Only Bonus* = \$199,874.33 - (\$65.00 x 2,999.99)

Production Only Bonus* = \$4,874.98

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,874.98 / 2

Production Bonus Paid on Estimate = \$2,437.49

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 = (\$65.00 x 2,999.99 x 1.023) + (\$65.00 x 0.00)

B = \$199,484.34

TPA2 = (A+B) / 2

TPA2 = (\$199,874.33 + \$199,484.34) / 2

TPA2 = \$199,679.34

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

Placement Bonus Paid on Estimate = \$199,679.34 - (\$65.00 x 2,999.99) - \$2,437.49

Placement Bonus Paid on Estimate = \$2,242.50

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/8/09
LOT NUMBER:	6	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:		SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,589.97	Bid Price / Tons: \$65.00
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?

LABORATORY MOLDED DENSITY					IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4	TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5	Average Percent Air Voids:	6.2	8.8	6.3	
Average Percent Density:	97.1	95.9	95.6						
Absolute Deviation:	0.6	0.6	0.9						
Auto 1.000 Pay Factor:					Auto 1.000 Pay Factor:				
Pay Factor:	1.025	1.025	1.006	No Seg?	Pay Factor:	1.046	0.994	1.044	No Seg?
Average Pay Factor:	1.019				Average Pay Factor:	1.028			
Production Pay Factor:	1.019				Placement Pay Factor:	1.028			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 1,589.97 x 1.019

A = \$105,311.66

TPA1 = \$105,311.66

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

Production Only Bonus* = \$105,311.66 - (\$65.00 x 1,589.97)

Production Only Bonus* = \$1,963.61

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$1,963.61 / 2

Production Bonus Paid on Estimate = \$981.81

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 = (\$65.00 x 1,589.97 x 1.028) + (\$65.00 x 0.00)

B = \$106,241.80

TPA2 = (A+B) / 2

TPA2 = (\$105,311.66 + \$106,241.80) / 2

TPA2 = \$105,776.73

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

Placement Bonus Paid on Estimate = \$105,776.73 - (\$65.00 x 1,589.97) - \$981.81

Placement Bonus Paid on Estimate = \$1,446.88

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/18/09
LOT NUMBER:	7	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:			
PRODUCER:	HMAC		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE\LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		3,074.82	Bid Price / Tons: \$65.00
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	96.5	96.3	96.4
Absolute Deviation:	0.0	0.0	0.2	0.1
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.050	1.050
Average Pay Factor:	1.050			
Production Pay Factor:	1.050			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.3	6.7	7.1	7.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.036	1.028	1.026
Average Pay Factor:	1.034			
Placement Pay Factor:	1.034			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$65.00 x 3,074.82 x 1.050

A = \$209,856.47

TPA1 = \$209,856.47

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

Production Only Bonus* = \$209,856.47 - (\$65.00 x 3,074.82)

Production Only Bonus* = \$9,993.17

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$9,993.17 / 2

Production Bonus Paid on Estimate = \$4,996.59

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 = (\$65.00 x 3,074.82 x 1.034) + (\$65.00 x 0.00)

B = \$206,658.65

TPA2 = (A+B) / 2

TPA2 = (\$209,856.47 + \$206,658.65) / 2

TPA2 = \$208,257.56

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

Placement Bonus Paid on Estimate = \$208,257.56 - (\$65.00 x 3,074.82) - \$4,996.58

Placement Bonus Paid on Estimate = \$3,397.67

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/19/09
LOT NUMBER:	8	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:		SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	HMAC- HOT 834-70 TYPE "B" w/ PG 70-22		
PRODUCER:	Iron Horse Asphalt		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,998.18	Bid Price / Tons: \$65.00
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:	96.9	96.0	96.0	97.1
Absolute Deviation:	0.4	0.5	0.5	0.6
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.031	1.031	1.025
Average Pay Factor:	1.031			
Production Pay Factor:	1.031			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.7	7.0	5.2	6.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.030	1.050	1.046
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 = \$65.00 x 2,998.18 x 1.031

A = \$200,923.03

TPA1 = \$200,923.03

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

Production Only Bonus* = \$200,923.03 - (\$65.00 x 2,998.18)

Production Only Bonus* = \$6,041.33

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,041.33 / 2

Production Bonus Paid on Estimate = \$3,020.67

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 = (\$65.00 x 2,998.18 x 1.044) + (\$65.00 x 0.00)

B = \$203,456.49

TPA2 = (A+B) / 2

TPA2 = (\$200,923.03 + \$203,456.49) / 2

TPA2 = \$202,189.76

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

Placement Bonus Paid on Estimate = \$202,189.76 - (\$65.00 x 2,998.18) - \$3,020.67

Placement Bonus Paid on Estimate = \$4,287.40

Signature of Contractor Representative

Signature of TX DOT Representative

US 79 - Section 5B

Project: 08WC607

CSJ: 0204-04-042

ITEM 341-2050: D-GR HMA (QCQA) TY-C PG70-22

PRODUCTION & PLACEMENT BONUS / PENALTY

LOT #	PRODUCTION BONUS	PLACEMENT BONUS	PRODUCTION PENALTY	PLACEMENT PENALTY	TOTAL BONUS OR PENALTY
1	\$1,163.75	\$798.00			\$1,961.75
2	\$1,649.03	\$1,075.45			\$2,724.48
3	\$3,242.58	\$2,904.81			\$6,147.39
4	\$4,313.68	\$2,464.96			\$6,778.64
5	\$1,333.10	\$1,599.72			\$2,932.82
6	\$2,566.76	\$3,065.86			\$5,632.62
7		\$54.67	(\$1,530.73)		(\$1,476.06)
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
TOTALS	\$14,268.90	\$11,963.47	(\$1,530.73)	\$0.00	\$24,701.64

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/11/09
LOT NUMBER:	1	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM 341 C Coarse Surface
MATERIAL NAME:	H.O.T. 822-70-22		
PRODUCER:	Iron Horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,000.00	Bid Price / Tons:		\$66.50
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:	97.1	96.9	96.3	97.1
Absolute Deviation:	0.6	0.4	0.2	0.6
Auto 1.000 Pay Factor:				
Pay Factor:	1.025	1.038	1.050	1.025
Average Pay Factor:	1.035			
Production Pay Factor:	1.035			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.3	7.9	7.7	7.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.012	1.016	1.024
Average Pay Factor:	1.024			
Placement Pay Factor:	1.024			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 1,000.00 x 1.035

A = \$68,827.50

TPA1 = \$68,827.50

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

Production Only Bonus* = \$68,827.50 - (\$66.50 x 1,000.00)

Production Only Bonus* = \$2,327.50

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,327.50 / 2

Production Bonus Paid on Estimate = \$1,163.75

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 = (\$66.50 x 1,000.00 x 1.024) + (\$66.50 x 0.00)

B = \$68,096.00

TPA2 = (A+B) / 2

TPA2 = (\$68,827.50 + \$68,096.00) / 2

TPA2 = \$68,461.75

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

Placement Bonus Paid on Estimate = \$68,461.75 - (\$66.50 x 1,000.00) - \$1,163.75

Placement Bonus Paid on Estimate = \$798.00

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/11/09
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,078.15	Bid Price / Tons:		\$66.50
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	96.7	96.9	
Absolute Deviation:	0.1	0.2	0.4	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.038	No Seg?
Average Pay Factor:	1.046			
Production Pay Factor:	1.046			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.6	8.4	6.0	
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.002	1.050	No Seg?
Average Pay Factor:	1.030			
Placement Pay Factor:	1.030			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 1,078.15 x 1.046

A = \$74,995.04

TPA1 = \$74,995.04

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

Production Only Bonus* = \$74,995.04 - (\$66.50 x 1,078.15)

Production Only Bonus* = \$3,298.06

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$3,298.06 / 2

Production Bonus Paid on Estimate = \$1,649.03

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 = (\$66.50 x 1,078.15 x 1.030) + (\$66.50 x 0.00)

B = \$73,847.88

TPA2 = (A+B) / 2

TPA2 = (\$74,995.04 + \$73,847.88) / 2

TPA2 = \$74,421.46

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

Placement Bonus Paid on Estimate = \$74,421.46 - (\$66.50 x 1,078.15) - \$1,649.03

Placement Bonus Paid on Estimate = \$1,075.45

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/12/09
LOT NUMBER:	3	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSI:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341-C Coarse_Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
Quantity Actually Placed, Tons:		2,031.69	Bid Price / Tons: \$66.50
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	96.4	
Absolute Deviation:	0.3	0.1	0.1	
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.050	1.050	No Seg?
Average Pay Factor:	1.048			
Production Pay Factor:	1.048			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.7	5.5	6.4	
Auto 1.000 Pay Factor:				
Pay Factor:	1.036	1.050	1.042	No Seg?
Average Pay Factor:	1.043			
Placement Pay Factor:	1.043			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 2,031.69 x 1.048

A = \$141,592.54

TPA1 = \$141,592.54

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

Production Only Bonus* = \$141,592.54 - (\$66.50 x 2,031.69)

Production Only Bonus* = \$6,485.16

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,485.16 / 2

Production Bonus Paid on Estimate = \$3,242.58

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 = (\$66.50 x 2,031.69 x 1.043) + (\$66.50 x 0.00)

B = \$140,917.00

TPA2 = (A+B) / 2

TPA2 = (\$141,592.54 + \$140,917.00) / 2

TPA2 = \$141,254.77

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

Placement Bonus Paid on Estimate = \$141,254.77 - (\$66.50 x 2,031.69) - \$3,242.58

Placement Bonus Paid on Estimate = \$2,904.81

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/13/09
LOT NUMBER:	4	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM 341 - C Coarse Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,647.65		Bid Price / Tons:	\$66.50
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	96.3	96.3	96.8
Absolute Deviation:	0.2	0.2	0.2	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:	7.4	7.9	6.3	6.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.022	1.012	1.044	1.034
Average Pay Factor:	1.028			
Placement Pay Factor:	1.028			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 2,647.65 x 1.049

A = \$184,696.09

TPA1 = \$184,696.09

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

Production Only Bonus* = \$184,696.09 - (\$66.50 x 2,647.65)

Production Only Bonus* = \$8,627.36

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$8,627.36 / 2

Production Bonus Paid on Estimate = \$4,313.68

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 = (\$66.50 x 2,647.65 x 1.028) + (\$66.50 x 0.00)

B = \$180,998.65

TPA2 = (A+B) / 2

TPA2 = (\$184,696.09 + \$180,998.65) / 2

TPA2 = \$182,847.37

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

Placement Bonus Paid on Estimate = \$182,847.37 - (\$66.50 x 2,647.65) - \$4,313.68

Placement Bonus Paid on Estimate = \$2,464.96

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/14/09
LOT NUMBER:	5	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM 341-C Coarse Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,145.52	Bid Price / Tons:		\$66.50
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	96.2	97.0	97.3
Absolute Deviation:	0.0	0.3	0.5	0.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.044	1.031	1.013
Average Pay Factor:	1.035			
Production Pay Factor:	1.035			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.1	6.8	5.4	6.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.048	1.034	1.050	1.036
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 = \$66.50 x 1,145.52 x 1.035

A = \$78,843.28

TPA1 = \$78,843.28

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

Production Only Bonus* = \$78,843.28 - (\$66.50 x 1,145.52)

Production Only Bonus* = \$2,666.20

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,666.20 / 2

Production Bonus Paid on Estimate = \$1,333.10

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 = (\$66.50 x 1,145.52 x 1.042) + (\$66.50 x 0.00)

B = \$79,376.52

TPA2 = (A+B) / 2

TPA2 = (\$78,843.28 + \$79,376.52) / 2

TPA2 = \$79,109.90

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

Placement Bonus Paid on Estimate = \$79,109.90 - (\$66.50 x 1,145.52) - \$1,333.10

Placement Bonus Paid on Estimate = \$1,599.72

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/20/2009
LOT NUMBER:	6	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,144.33	Bid Price / Tons:		\$66.50
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:	96.0	96.3	96.0	97.0
Absolute Deviation:	0.5	0.2	0.5	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.050	1.031	1.031
Average Pay Factor:	1.036			
Production Pay Factor:	1.036			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.3	6.4	5.0	6.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.042	1.050	1.034
Average Pay Factor:	1.043			
Placement Pay Factor:	1.043			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 2,144.33 x 1.036

A = \$147,731.47

TPA1 = \$147,731.47

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

Production Only Bonus* = \$147,731.47 - (\$66.50 x 2,144.33)

Production Only Bonus* = \$5,133.52

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,133.52 / 2

Production Bonus Paid on Estimate = \$2,566.76

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 = (\$66.50 x 2,144.33 x 1.043) + (\$66.50 x 0.00)

B = \$148,729.66

TPA2 = (A+B) / 2

TPA2 = (\$147,731.47 + \$148,729.66) / 2

TPA2 = \$148,230.57

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

Placement Bonus Paid on Estimate = \$148,230.57 - (\$66.50 x 2,144.33) - \$2,566.76

Placement Bonus Paid on Estimate = \$3,065.86

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	5/26/09
LOT NUMBER:	7	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-042
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Paul Baguley	SPEC ITEM:	341
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C2 Coarse_Surface
MATERIAL NAME:	H.O.T 822 70-22 Type C		
PRODUCER:	Iron horse Asphalt - Manor		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,644.17	Bid Price / Tons: \$66.50
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:	97.6	97.9	96.9	97.1
Absolute Deviation:	1.1	1.4	0.4	0.6
Auto 1.000 Pay Factor:				
Pay Factor:	0.965	0.860	1.038	1.025
Average Pay Factor:	0.972			
Production Pay Factor:	0.972			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.7	5.5	4.1	6.9
Auto 1.000 Pay Factor:				
Pay Factor:	1.005	1.050	0.915	1.032
Average Pay Factor:	1.001			
Placement Pay Factor:	1.001			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$66.50 x 1,644.17 x 0.972

A = \$106,275.86

TPA1 = \$106,275.86

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

Production Only Penalty* = \$106,275.86 - (\$66.50 x 1,644.17)

Production Only Penalty* = (\$3,061.45)

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

Production Penalty Deducted from Estimate = Penalty / 2.

Production Penalty Deducted from Estimate = (\$3,061.45) / 2

Production Penalty Deducted from Estimate = (\$1,530.73)

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 = (\$66.50 x 1,644.17 x 1.001) + (\$66.50 x 0.00)

B = \$109,446.64

TPA2 = (A+B) / 2

TPA2 = (\$106,275.86 + \$109,446.64) / 2

TPA2 = \$107,861.25

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

Placement Bonus Paid on Estimate = \$107,861.25 - (\$66.50 x 1,644.17) - (\$1,530.72)

Placement Bonus Paid on Estimate = \$54.67

Signature of Contractor Representative

Signature of TX DOT Representative