WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: __13__

1. CONTRACTOR: **J.D. Ramming Paving Co., LTD.**

Project:	**10WC817**

2. Change Order Work Limits: Sta.   **537+93**   to Sta.   **766+22**

Roadway:	**US 79 Section 3**

3. Type of Change(on federal-aid non-exempt projects):   **Minor** (Major/Minor)

CSJ Number:	**0204-02-027, etc.**

4. Reasons: 3M   (3 Max. - In order of importance - Primary first)

5. Describe the work being revised: Provides bonus or penalty for work performed under Item 341.

3M: County Convenience. Other. As required by Item 341, this Change Order adds pay items 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 for the proposed eastbound lanes.

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).

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.	The following information must be provided
THE CONTRACTOR Date *2-23-2012*	Time Ext. #: **N/A** Days added on this CO: **0**
By	Amount added by this change order: **$24,967.95**
Typed/Printed Name *ROD PEKURNEY*	
Typed/Printed Title *PROJ. MGR*	

RECOMMENDED FOR EXECUTION:

_____ P.E.   2/23/12
Project Manager   Date
Construction Observer

__N/A__
Design Engineer   Date

_____   2/24/2012
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	

_____   03-06-2012
☑ County Judge   Date
APPROVED

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: __13__   **Project #** ____10WC817____

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED QUANTITY	ORIGINAL + PREVIOUSLY REVISED ITEM COST	ADD or (DEDUCT) QUANTITY	NEW QUANTITY	NEW ITEM COST	OVERRUN/ UNDERRUN
341-WC04	D-GR HMA (QC/QA) TY-B BONUS/PENALTY (EB)	DOL	$1.00	0.00	$0.00	11,167.19	11,167.19	$11,167.19	$11,167.19
341-WC05	D-GR HMA (QC/QA) TY-D BONUS/PENALTY (EB)	DOL	$1.00	0.00	$0.00	13,800.76	13,800.76	$13,800.76	$13,800.76
TOTALS					$0.00			$0.00	$24,967.95

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 Road Bond Program

US 79 Section 3
Williamson County Project No. 10WC817

Change Order No. 13

Reason for Change

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 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. The Type D HMA is not complete and there could be additional costs at a later date.

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

ITEM	DESCRIPTION	QTY	UNIT
341-WC04	D-GR HMA (QC/QA) TY-B BONUS/ PENALTY (EB)	11,167.19	DOL
341-WC05	D-GR HMA (QC/QA) TY-D BONUS/ PENALTY (EB)	13,800.76	DOL

This Change Order results in a net increase of $24,967.95 to the Contract amount for an adjusted total Contract amount of $11,744,133.14. The original Contract amount was $11,500,547.03. As a result of this and all Change Orders to date, $243,586.11 has been added to the Contract, resulting in a 2.1% 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.

RABA-KISTNER INFRASTRUCTURE

Ron Seal, P.E.

US79 - Section 3

Project: 10WC817
CSJ: 0204-02-027, etc.

ITEM 341-2011: D-GR HMA (QCQA) TY-B PG64-22

PRODUCTION & PLACEMENT
BONUS/PENALTY

	MIX DESIGN: 64SB2030				
LOT#	PRODUCTION BONUS	PLACEMENT BONUS	PRODUCTION PENALTY	PLACEMENT PENALTY	TOTAL BONUS OR PENALTY
1	$907.50	$605.00			$1,512.50
2	$340.34	$68.07			$408.41
3	$2,132.90			($2,346.19)	($213.29)
4	$685.60	$137.12			$822.72
5	$943.32	$0.00			$943.32
6	$336.05	$784.12			$1,120.17
7	$980.63	$1,430.43			$2,411.06
8	$1,187.26	$949.81			$2,137.07
9	$745.58	$488.72			$1,234.30
10	$499.65	$124.91			$624.56
11	$166.37	$0.00			$166.37
TOTALS	$8,925.20	$4,588.18	$0.00	($2,346.19)	$11,167.19

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-19-11
LOT NUMBER:	1	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	1,000.00	Bid Price / Tons:	$55.00
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:	96.9	96.8	96.8	97.4
Absolute Deviation:	0.4	0.3	0.3	0.9
Auto 1.000 Pay Factor:				

Pay Factor:	1.038	1.044	1.044	1.006

Average Pay Factor:	1.033
Production Pay Factor:	1.033

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:			5.9	6.6

Auto 1.000 Pay Factor:	Yes	Yes		

Pay Factor:	1.000	1.000	1.050	1.038

Average Pay Factor:	1.022
Placement Pay Factor:	1.022

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

$P_I = BP \times Q_{PAY}$

P_I = $55.00 x 1,000.00

P_I = **$55,000.00**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

$P_{PR} = [(P_I \times PF_{PR}) - P_I] / 2$

P_{PR} = [($55,000.00 x 1.033) - $55,000.00] / 2

P_{PR} = **$907.50**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

$P_{PL} = [(BP \times (Q_{PAY} - Q_{MIS}) \times PF_{PL}) - (BP \times (Q_{PAY} - Q_{MIS}))] / 2$

P_{PL} = [($55.00 x (1,000.00 - 0.00) x 1.022) - ($55.00 x (1,000.00 - 0.00))] / 2

P_{PL} = **$605.00**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = $P_I + P_{PR} + P_{PL}$

Total Pay = $55,000.00 + $907.50 + $605.00

Total Pay = **$56,512.50**

_____
Signature of Contractor Representative

_____
Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-19-11
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	Non-Surface (<8 i STATION:	DIST. FROM CL:	

Total Quantity Actually Placed, Tons:	495.04	Bid Price / Tons:	$55.00
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:	97.4	96.8		
Absolute Deviation:	0.9	0.3		
Auto 1.000 Pay Factor:				

Pay Factor:	1.006	1.044	No Seg?	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:	8.0			

Auto 1.000 Pay Factor:		Yes		

Pay Factor:	1.010	1.000	No Seg?	No Seg?
Average Pay Factor:	1.005			
Placement Pay Factor:	1.005			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

P_I = BP x Q_{PAY}

P_I = $55.00 x 495.04

P_I = **$27,227.20**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

P_{PR} = [(P_I x PF_{PR}) - P_I] / 2

P_{PR} = [($27,227.20 x 1.025) - $27,227.20] / 2

P_{PR} = **$340.34**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MIS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MIS}))] / 2

P_{PL} = [($55.00 x (495.04 - 0.00) x 1.005) - ($55.00 x (495.04 - 0.00))] / 2

P_{PL} = **$68.07**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $27,227.20 + $340.34 + $68.07

Total Pay = **$27,635.61**

_____   _____
Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-20-11
LOT NUMBER:	3	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle

COURSE\LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	1,551.20	Bid Price / Tons:	$55.00
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	96.7	96.6	96.6
Absolute Deviation:	0.2	0.2	0.1	0.1
Auto 1.000 Pay Factor:				

TxDOT Sublot:	1	2	3	4
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:	9.7			

	1	2	3	4
Auto 1 000 Pay Factor:		yes	yes	yes

	1	2	3	4
Pay Factor:	0.780	1.000	1.000	1.000

Average Pay Factor:	0.945

Placement Pay Factor:	0.945

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

P_I = BP x Q_{PAY}

P_I = $55.00 x 1,551.20

P_I = **$85,316.00**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

P_{PR} = [(P_I x PF_{PR}) - P] / 2

P_{PR} = [($85,316.00 x 1.050) - $85,316.00] / 2

P_{PR} = **$2,132.90**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MIS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MIS}))] / 2

P_{PL} = [($55.00 x (1,551.20 - 0.00) x 0.945) - ($55.00 x (1,551.20 - 0.00))] / 2

P_{PL} = **($2,346.19)**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $85,316.00 + $2,132.90 + ($2,346.19)

Total Pay = **$85,102.71**

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Signature of Contractor Representative

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Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-21-11
LOT NUMBER:	4	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	Non-Surface (<8 l	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	831.03	Bid Price / Tons;	$55.00
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	96.9	97.3	
Absolute Deviation:	0.4	0.4	0.8	
Auto 1.000 Pay Factor:				

Pay Factor:	1.038	1.038	1.013	No Seg?
Average Pay Factor:	1.030			
Production Pay Factor:	1.030			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	9.1	6.6	7.5	

Auto 1.000 Pay Factor:				

Pay Factor:	0.960	1.038	1.020	No Seg?
Average Pay Factor:	1.006			
Placement Pay Factor:	1.006			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

P_I = BP x Q_{PAY}

P_I = $55.00 x 831.03

P_I = **$45,706.65**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

P_{PR} = [(P_I x PF_{PR}) - P_I] / 2

P_{PR} = [($45,706.65 x 1.030) - $45,706.65] / 2

P_{PR} = **$685.60**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MS}))] / 2

P_{PL} = [($55.00 x (831.03 - 0.00) x 1.006) - ($55.00 x (831.03 - 0.00))] / 2

P_{PL} = **$137.12**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $45,706.65 + $685.60 + $137.12

Total Pay = **$46,529.37**

Signature of Contractor Representative	Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-22-11
LOT NUMBER:	5	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	980.07	Bid Price / Tons:	$55.00
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	97.5	96.8	96.2
Absolute Deviation:	0.0	1.0	0.3	0.3
Auto 1.000 Pay Factor:				

Pay Factor:	1.050	1.000	1.044	1.044

Average Pay Factor:	1.035
Production Pay Factor:	1.035

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:				

Auto 1.000 Pay Factor:	yes	yes	yes	yes

Pay Factor:	1.000	1.000	1.000	1.000

Average Pay Factor:	1.000
Placement Pay Factor:	1.000

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

$P_I = BP \times Q_{PAY}$

$P_I = \$55.00 \times 980.07$

$P_I = \ \ \$53,903.85$

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for Item] / 2

$P_{PR} = [(P_I \times PF_{PR}) - P_I] / 2$

$P_{PR} = [(\$53,903.85 \times 1.035) - \$53,903.85] / 2$

$P_{PR} = \ \ \$943.32$

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

$P_{PL} = [(BP \times (Q_{PAY} - Q_{MB}) \times PF_{PL}) - (BP \times (Q_{PAY} - Q_{MB}))] / 2$

$P_{PL} = [(\$55.00 \times (980.07 - 0.00) \times 1.000) - (\$55.00 \times (980.07 - 0.00))] / 2$

$P_{PL} = \ \ \$0.00$

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = $P_I + P_{PR} + P_{PL}$

Total Pay = $53,903.85 + $943.32 + $0.00

Total Pay = \ \ $54,847.17

_____
Signature of Contractor Representative

_____
Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-26-11
LOT NUMBER:	6	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	Non-Surface (<8 l	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	814.67	Bid Price / Tons:	$55.00
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:	96.0	96.3	95.4	
Absolute Deviation:	0.5	0.2	1.1	
Auto 1.000 Pay Factor:				

Pay Factor:	1.031	1.050	0.965	
Average Pay Factor:	1.015			
Production Pay Factor:	1.015			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.3	6.1	7.9	
Auto 1.000 Pay Factor:				

Pay Factor:	1.044	1.048	1.012	
Average Pay Factor:	1.035			
Placement Pay Factor:	1.035			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

$P_I = BP \times Q_{PAY}$

$P_I = \$55.00 \times 814.67$

$P_I = \$44,806.85$

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

$P_{PR} = [(P_I \times PF_{PR}) - P_I] / 2$

$P_{PR} = [(\$44,806.85 \times 1.015) - \$44,806.85] / 2$

$P_{PR} = \$336.05$

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

$P_{PL} = [(BP \times (Q_{PAY} - Q_{MIS}) \times PF_{PL}) - (BP \times (Q_{PAY} - Q_{MIS}))] / 2$

$P_{PL} = [(\$55.00 \times (814.67 - 0.00) \times 1.035) - (\$55.00 \times (814.67 - 0.00))] / 2$

$P_{PL} = \$784.12$

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $44,806.85 + $336.05 + $784.12

Total Pay = $45,927.02

Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	09-27-11
LOT NUMBER:	7	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	Non-Surface (<8 i STATION:	DIST. FROM CL:	

Total Quantity Actually Placed, Tons:	1,229.63	Bid Price / Tons:	$55.00
Quantity Placed But No Air Void Testing Was Required, Tons:	47.46	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	97.4	97.0	
Absolute Deviation:	0.1	0.9	0.5	
Auto 1.000 Pay Factor:				

Pay Factor:	1.050	1.006	1.031	
Average Pay Factor:	1.029			
Production Pay Factor:	1.029			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.2	6.9	5.8	
Auto 1.000 Pay Factor:				

Pay Factor:	1.050	1.032	1.050	
Average Pay Factor:	1.044			
Placement Pay Factor:	1.044			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

$P_I = BP \times Q_{PAY}$

P_I = $55.00 x 1,229.63

P_I = **$67,629.65**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

$P_{PR} = [(P_I \times PF_{PR}) - P_I] / 2$

P_{PR} = [($67,629.65 x 1.029) - $67,629.65] / 2

P_{PR} = **$980.63**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

$P_{PL} = [(BP \times (Q_{PAY} - Q_{MIS}) \times PF_{PL}) - (BP \times (Q_{PAY} - Q_{MIS}))] / 2$

P_{PL} = [($55.00 x (1,229.63 - 47.46) x 1.044) - ($55.00 x (1,229.63 - 47.46))] / 2

P_{PL} = **$1,430.43**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = $P_I + P_{PR} + P_{PL}$

Total Pay = $67,629.65 + $980.63 + $1,430.43

Total Pay = **$70,040.71**

Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	10-3-11
LOT NUMBER:	8	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSELIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	1,233.52	Bid Price / Tons: $55.00
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:	97.1	96.7	96.4	95.7
Absolute Deviation:	0.6	0.2	0.1	0.8
Auto 1.000 Pay Factor:				

Pay Factor:	1.025	1.050	1.050	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:	5.8	6.5	4.8	

Auto 1.000 Pay Factor:				Yes

Pay Factor:	1.050	1.040	1.020	1.000
Average Pay Factor:	1.028			
Placement Pay Factor:	1.028			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

$P_I = BP \times Q_{PAY}$

$P_I = \$55.00 \times 1,233.52$

$P_I = $ **\$67,843.60**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

$P_{PR} = [(P_I \times PF_{PR}) - P_I] / 2$

$P_{PR} = [(\$67,843.60 \times 1.035) - \$67,843.60] / 2$

$P_{PR} \simeq $ **\$1,187.26**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

$P_{PL} = [(BP \times (Q_{PAY} - Q_{AVS}) \times PF_{PL}) - (BP \times (Q_{PAY} - Q_{AVS}))] / 2$

$P_{PL} = [(\$55.00 \times (1,233.52 - 0.00) \times 1.028) - (\$55.00 \times (1,233.52 - 0.00))] / 2$

$P_{PL} = $ **\$949.81**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = $P_I + P_{PR} + P_{PL}$

Total Pay = \$67,843.60 + \$1,187.26 + \$949.81

Total Pay = **\$69,980.67**

_____   _____
Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	10-4-11
LOT NUMBER:	9	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle

COURSE/LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	1,129.66	Bid Price / Tons:	$55.00
Quantity Placed But No Air Void Testing Was Required, Tons:	142.34	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:	95.7	96.6	95.7	95.8
Absolute Deviation:	0.8	0.1	0.8	0.7
Auto 1.000 Pay Factor:				

Pay Factor:	1.013	1.050	1.013	1.019
Average Pay Factor:	1.024			
Production Pay Factor:	1.024			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.4	5.9		

Auto 1.000 Pay Factor:			yes	yes

Pay Factor:	1.022	1.050	1.000	1.000
Average Pay Factor:	1.018			
Placement Pay Factor:	1.018			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

P_I = BP x Q_{PAY}

P_I = $55.00 x 1,129.66

P_I = **$62,131.30**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

P_{PR} = [(P_I x PF_{PR}) - P_I] / 2

P_{PR} = [($62,131.30 x 1.024) - $62,131.30] / 2

P_{PR} = **$745.58**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MIS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MIS}))] / 2

P_{PL} = [($55.00 x (1,129.66 - 142.34) x 1.018) - ($55.00 x (1,129.66 - 142.34))] / 2

P_{PL} = **$488.72**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $62,131.30 + $745.58 + $488.72

Total Pay = **$63,365.60**

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	10-5-11	
LOT NUMBER:	10	LETTING DATE:		
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027	
COUNTY:	Williamson	SPEC YEAR:	2004	
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2011	
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024	
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base	
MATERIAL NAME:	Type B HMAC			
PRODUCER:	RTI Hot Mix Buda, TX			
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle	
COURSE\LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:	

Total Quantity Actually Placed, Tons:	1,135.57	Bid Price / Tons:	$55.00
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:	95.8	97.4	96.1	
Absolute Deviation:	0.7	0.9	0.4	
Auto 1.000 Pay Factor:				Yes

Pay Factor:	1.019	1.006	1.038	1.000
Average Pay Factor:	1.016			
Production Pay Factor:	1.016			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.2		9.0	

Auto 1.000 Pay Factor:		Yes		Yes
Pay Factor:	1.026	1.000	0.990	1.000
Average Pay Factor:	1.004			
Placement Pay Factor:	1.004			

PAYMENT FOR ITEM = P_I

P_I = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_I = Bid price x Quantity with payment

P_I = BP x Q_{PAY}

P_I = $55.00 x 1,135.57

P_I = **$62,456.35**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for Item] / 2

P_{PR} = [(P_I x PF_{PR}) - P_I] / 2

P_{PR} = [($62,456.35 x 1.016) - $62,456.35] / 2

P_{PR} = **$499.65**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MIS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MIS}))] / 2

P_{PL} = [($55.00 x (1,135.57 - 0.00) x 1.004) - ($55.00 x (1,135.57 - 0.00))] / 2

P_{PL} = **$124.91**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $62,456.35 + $499.65 + $124.91

Total Pay = **$63,080.91**

_____   _____
Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US 79	DATE LOT OPENED:	10-6-11
LOT NUMBER:	11	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck At Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SB2030	MIX TYPE:	ITEM341_B_Fine_Base
MATERIAL NAME:	Type B HMAC		
PRODUCER:	RTI Hot Mix Buda, TX		
AREA ENGINEER:	James Koltz	PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	Non-Surface (<8 i	STATION:	DIST. FROM CL:

Total Quantity Actually Placed, Tons:	318.41	Bid Price / Tons:	$55.00
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:	95.8			
Absolute Deviation:	0.7			
Auto 1.000 Pay Factor:				

Pay Factor:	1.019
Average Pay Factor:	1.019
Production Pay Factor:	1.019

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:				

Auto 1.000 Pay Factor:	Yes
Pay Factor:	1.000
Average Pay Factor:	1.000
Placement Pay Factor:	1.000

PAYMENT FOR ITEM = P_I

P_i = Bid price x (Total quantity actually placed - Quantity left in place without payment)

P_i = Bid price x Quantity with payment

P_i = BP x Q_{PAY}

P_I = $55.00 x 318.41

P_I = **$17,512.55**

PAY ADJUSTEMENT FOR PRODUCTION = P_{PR}

P_{PR} = [(Payment for item x Production pay factor) - Payment for item] / 2

P_{PR} = [(P_I x PF_{PR}) - P_I] / 2

P_{PR} = [($17,512.55 x 1.019) - $17,512.55] / 2

P_{PR} = **$166.37**

PAY ADJUSTEMENT FOR PLACEMENT = P_{PL}

P_{PL} = [(BP x (Q_{PAY} - Quantity without AV req) x Placement pay factor) - (BP x (Q_{PAY} - Quantity without AV req))]/2

P_{PL} = [(BP x (Q_{PAY} - Q_{MS}) x PF_{PL}) - (BP x (Q_{PAY} - Q_{MS}))] / 2

P_{PL} = [($55.00 x (318.41 - 0.00) x 1.000) - ($55.00 x (318.41 - 0.00))] / 2

P_{PL} = **$0.00**

TOTAL PAY

Total Pay = Payment for item + Pay adjustment for production + Pay adjustment for placement

Total Pay = P_I + P_{PR} + P_{PL}

Total Pay = $17,512.55 + $166.37 + $0.00

Total Pay = **$17,678.92**

_____
Signature of Contractor Representative

_____
Signature of TX DOT Representative

US79 - Section 3

Project: 10WC817
CSJ: 0204-02-027, etc.

ITEM 341-2122: D-GR HMA (QCQA) TY-D PG70-22

PRODUCTION & PLACEMENT
BONUS/PENALTY

		MIX DESIGN: 64SD2522			
LOT#	**PRODUCTION BONUS**	**PLACEMENT BONUS**	**PRODUCTION PENALTY**	**PLACEMENT PENALTY**	**TOTAL BONUS OR PENALTY**
9	$316.38			($2,155.32)	($1,838.94)
10	$2,151.05	$1,536.46			$3,687.51
11	$1,289.53			($960.29)	$329.24
12	$568.12	$868.89			$1,437.01
13			($1,434.81)	($54.11)	($1,488.92)
14	$1,189.99	$1,895.17			$3,085.16
15	$644.03	$1,288.07			$1,932.10
16	$1,419.42	$1,514.05			$2,933.47
17	$1,278.52	$413.64			$1,692.16
18	$1,093.95			($86.36)	$1,007.59
19	$698.04	$326.34			$1,024.38
TOTALS	$10,649.03	$7,842.62	($1,434.81)	($3,256.08)	$13,800.76

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/6/11
LOT NUMBER:	9	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle

COURSE/LIFT:		STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	659.12	Bid Price / Tons:	$60.00
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:	95.6	95.9		
Absolute Deviation:	0.9	0.6		
Auto 1.000 Pay Factor:				

Pay Factor:	1.006	1.025		

Average Pay Factor:	1.016

Production Pay Factor:	1.016

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	9.7	8.4		

Auto 1.000 Pay Factor:				

Pay Factor:	0.780	1.002		

Average Pay Factor:	0.891

Placement Pay Factor:	0.891

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 659.12 x 1.016

A = $40,179.96

TPA1 = $40,179.96

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

Production Only Bonus* = $40,179.96 - ($60.00 x 659.12)

Production Only Bonus* = $632.76

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $632.76 / 2

Production Bonus Paid on Estimate = $316.38

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 = ($60.00 x 659.12 x 0.891) + ($60.00 x 0.00)

B = $35,236.56

TPA2 = (A+B) / 2

TPA2 = ($40,179.96 + $35,236.56) / 2

TPA2 = $37,708.26

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

Placement Penalty Paid on Estimate = $37,708.26 - ($60.00 x 659.12) - $316.38

Placement Penalty Deducted from Estimate = ($2,155.32)

_____   _____
Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/7/11
LOT NUMBER:	10	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	1	STATION:	DIST. FROM CL:

Quantity Actually Placed, Tons:	1,707.18	Bid Price / Tons:	$60.00
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	95.8	96.3	96.5
Absolute Deviation:	0.1	0.7	0.2	0.0
Auto 1.000 Pay Factor:				

Pay Factor:	1.050	1.019	1.050	1.050

Average Pay Factor:	1.042
Production Pay Factor:	1.042

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.4	7.1	7.2	6.4

Auto 1.000 Pay Factor:				

Pay Factor:	1.022	1.028	1.026	1.042

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 = $60.00 x 1,707.18 x 1.042

A = $106,732.89

TPA1 = $106,732.89

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

Production Only Bonus* = $106,732.89 - ($60.00 x 1,707.18)

Production Only Bonus* = $4,302.09

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $4,302.09 / 2

Production Bonus Paid on Estimate = $2,151.05

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 = ($60.00 x 1,707.18 x 1.030) + ($60.00 x 0.00)

B = $105,503.72

TPA2 = (A+B) / 2

TPA2 = ($106,732.89 + $105,503.72) / 2

TPA2 = $106,118.31

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

Placement Bonus Paid on Estimate = $106,118.31 - ($60.00 x 1,707.18) - $2,151.05

Placement Bonus Paid on Estimate = $1,536.46

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Signature of Contractor Representative

_____
Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/8/11
LOT NUMBER:	11	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle

COURSE/LIFT:	1	STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	914.56	Bid Price / Tons:	$60.00
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		
Absolute Deviation:	0.3	0.1		
Auto 1.000 Pay Factor:				

Pay Factor:	1.044	1.050		
Average Pay Factor:	1.047			
Production Pay Factor:	1.047			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:		9.2		

Auto 1.000 Pay Factor:	yes			

Pay Factor:	1.000	0.930		
Average Pay Factor:	0.965			
Placement Pay Factor:	0.965			

TOTAL PAY ADJUSTMENTS
TPA1=A

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

A = $60.00 x 914.56 x 1.047

A = $57,452.66

TPA1 = $57,452.66

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

Production Only Bonus* = $57,452.66 - ($60.00 x 914.56)

Production Only Bonus* = $2,579.06

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $2,579.06 / 2

Production Bonus Paid on Estimate = $1,289.53

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 = ($60.00 x 914.56 x 0.965) + ($60.00 x 0.00)

B = $52,953.02

TPA2 = (A+B) / 2

TPA2 = ($57,452.66 + $52,953.02) / 2

TPA2 = $55,202.84

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

Placement Penalty Paid on Estimate = $55,202.84 - ($60.00 x 914.56) - $1,289.53

Placement Penalty Deducted from Estimate = ($960.29)

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Signature of Contractor Representative

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Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/10/11
LOT NUMBER:	12	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2622	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	1	STATION:	DIST. FROM CL:

Quantity Actually Placed, Tons:	1,113.96	Bid Price / Tons:	$60.00
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:	97.0	97.4	97.2	97.3
Absolute Deviation:	0.5	0.9	0.7	0.8
Auto 1.000 Pay Factor:				

Pay Factor:	1.031	1.006	1.019	1.013
Average Pay Factor:	1.017			
Production Pay Factor:	1.017			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.7	7.6	5.3	7.5

Auto 1.000 Pay Factor:				

Pay Factor:	1.016	1.018	1.050	1.020
Average Pay Factor:	1.026			
Placement Pay Factor:	1.026			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 1,113.96 x 1.017

A = $67,973.84

TPA1 = $67,973.84

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

Production Only Bonus* = $67,973.84 - ($60.00 x 1,113.96)

Production Only Bonus* = $1,136.24

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $1,136.24 / 2

Production Bonus Paid on Estimate = $568.12

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 = ($60.00 x 1,113.96 x 1.026) + ($60.00 x 0.00)

B = $68,575.38

TPA2 = (A+B) / 2

TPA2 = ($67,973.84 + $68,575.38) / 2

TPA2 = $68,274.61

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

Placement Bonus Paid on Estimate = $68,274.61 - ($60.00 x 1,113.96) - $568.12

Placement Bonus Paid on Estimate = $868.89

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Signature of Contractor Representative   Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/11/11
LOT NUMBER:	13	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Allen Linder	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle

COURSE\LIFT:	1	STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	976.06	Bid Price / Tons:	$60.00
Quantity Placed But No Air Void Testing Was Required, Tons:	74.29	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:	97.8	97.4		
Absolute Deviation:	1.3	0.9		
Auto 1.000 Pay Factor:				

Pay Factor:	0.895	1.006		
Average Pay Factor:	0.951			
Production Pay Factor:	0.951			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.6	4.7		

Auto 1.000 Pay Factor:				

Pay Factor:	0.990	1.005		
Average Pay Factor:	0.998			
Placement Pay Factor:	0.998			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 976.06 x 0.951

A = $55,693.98

TPA1 = $55,693.98

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

Production Only Penalty* = $55,693.98 - ($60.00 x 976.06)

Production Only Penalty* = ($2,869.62)

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

Production Penalty Deducted from Estimate = Penalty / 2.

Production Penalty Deducted from Estimate = ($2,869.62) / 2

Production Penalty Deducted from Estimate = ($1,434.81)

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 = ($60.00 x 901.77 x 0.998) + ($60.00 x 74.29)

B = $58,455.39

TPA2 = (A+B) / 2

TPA2 = ($55,693.98 + $58,455.39) / 2

TPA2 = $57,074.69

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

Placement Penalty Paid on Estimate = $57,074.69 - ($60.00 x 976.06) - ($1,434.81)

Placement Penalty Deducted from Estimate = ($54.11)

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Signature of Contractor Representative

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Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10/12/11
LOT NUMBER:	14	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle

COURSE\LIFT:	1&2	STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	1,469.12	Bid Price / Tons:	$60.00
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:	97.2	97.0	97.0	
Absolute Deviation:	0.7	0.5	0.5	
Auto 1.000 Pay Factor:				

Pay Factor:	1.019	1.031	1.031	
Average Pay Factor:	1.027			
Production Pay Factor:	1.027			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.9	7.1	6.0	

Auto 1.000 Pay Factor:				

Pay Factor:	1.050	1.028	1.050	
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 = $60.00 x 1,469.12 x 1.027

A = $90,527.17

TPA1 = $90,527.17

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

Production Only Bonus* = $90,527.17 - ($60.00 x 1,469.12)

Production Only Bonus* = $2,379.97

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $2,379.97 / 2

Production Bonus Paid on Estimate = $1,189.99

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 = ($60.00 x 1,469.12 x 1.043) + ($60.00 x 0.00)

B = $91,937.53

TPA2 = (A+B) / 2

TPA2 = ($90,527.17 + $91,937.53) / 2

TPA2 = $91,232.35

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

Placement Bonus Paid on Estimate = $91,232.35 - ($60.00 x 1,469.12) - $1,189.99

Placement Bonus Paid on Estimate = $1,895.17

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Signature of Contractor Representative	Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10-13-11
LOT NUMBER:	15	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2011
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	2	STATION:	DIST. FROM CL:

Quantity Actually Placed, Tons:	1,533.41	Bid Price / Tons:	$60.00
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	97.0	97.4
Absolute Deviation:	0.1	0.7	0.5	0.9
Auto 1.000 Pay Factor:				

Pay Factor:	1.000	1.019	1.031	1.006

Average Pay Factor:	1.014
Production Pay Factor:	1.014

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.9	6.9	6.5	6.5

Auto 1.000 Pay Factor:				

Pay Factor:	1.000	1.032	1.040	1.040

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 = $60.00 x 1,533.41 x 1.014

A = $93,292.66

TPA1 = $93,292.66

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

Production Only Bonus* = $93,292.66 - ($60.00 x 1,533.41)

Production Only Bonus* = $1,288.06

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $1,288.06 / 2

Production Bonus Paid on Estimate = $644.03

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 = ($60.00 x 1,533.41 x 1.028) + ($60.00 x 0.00)

B = $94,580.73

TPA2 = (A+B) / 2

TPA2 = ($93,292.66 + $94,580.73) / 2

TPA2 = $93,936.70

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

Placement Bonus Paid on Estimate = $93,936.70 - ($60.00 x 1,533.41) - $644.03

Placement Bonus Paid on Estimate = $1,288.07

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Signature of Contractor Representative	Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79		DATE LOT OPENED:	10-14-11
LOT NUMBER:	16		LETTING DATE:	
SAMPLE STATUS:			CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson		SPEC YEAR:	2004
SAMPLED BY:	Brad King		SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant		SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522		MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface			
PRODUCER:	RTI-South			
AREA ENGINEER:	James Klotz		PROJECT MANAGER:	Dan Pyle
COURSE/LIFT:	2	STATION:	DIST. FROM CL:	

Quantity Actually Placed, Tons:	1,577.13	Bid Price / Tons: $60.00
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	97.1	96.2	95.6
Absolute Deviation:	0.3	0.6	0.3	0.9
Auto 1.000 Pay Factor:				

Pay Factor:	1.044	1.025	1.044	1.006

Average Pay Factor:	1.030

Production Pay Factor:	1.030

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.1	7.6	6.9	6.1

Auto 1.000 Pay Factor:				

Pay Factor:	1.028	1.018	1.032	1.048

Average Pay Factor:	1.032

Placement Pay Factor:	1.032

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 1,577.13 x 1.030

A = $97,466.63

TPA1 = $97,466.63

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

Production Only Bonus* = $97,466.63 - ($60.00 x 1,577.13)

Production Only Bonus* = $2,838.83

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $2,838.83 / 2

Production Bonus Paid on Estimate = $1,419.42

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 = ($60.00 x 1,577.13 x 1.032) + ($60.00 x 0.00)

B = $97,655.89

TPA2 = (A+B) / 2

TPA2 = ($97,466.63 + $97,655.89) / 2

TPA2 = $97,561.26

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

Placement Bonus Paid on Estimate = $97,561.26 - ($60.00 x 1,577.13) - $1,419.42

Placement Bonus Paid on Estimate = $1,514.05

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Signature of Contractor Representative

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Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10-17-11
LOT NUMBER:	17	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle

COURSE\LIFT:	2	STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	1,253.45	Bid Price / Tons:	$60.00
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	96.1	97.1	
Absolute Deviation:	0.4	0.4	0.6	
Auto 1.000 Pay Factor:				

Pay Factor:	1.038	1.038	1.025	
Average Pay Factor:	1.034			
Production Pay Factor:	1.034			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.6	7.7	8.6	

Auto 1.000 Pay Factor:				

Pay Factor:	1.018	1.016	0.998	
Average Pay Factor:	1.011			
Placement Pay Factor:	1.011			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 1,253.45 x 1.034

A = $77,764.04

TPA1 = $77,764.04

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

Production Only Bonus* = $77,764.04 - ($60.00 x 1,253.45)

Production Only Bonus* = $2,557.04

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $2,557.04 / 2

Production Bonus Paid on Estimate = $1,278.52

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 = ($60.00 x 1,253.45 x 1.011) + ($60.00 x 0.00)

B = $76,034.28

TPA2 = (A+B) / 2

TPA2 = ($77,764.04 + $76,034.28) / 2

TPA2 = $76,899.16

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

Placement Bonus Paid on Estimate = $76,899.16 - ($60.00 x 1,253.45) - $1,278.52

Placement Bonus Paid on Estimate = $413.64

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Signature of Contractor Representative	Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	US-79	DATE LOT OPENED:	10-18-11
LOT NUMBER:	18	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-02-027
COUNTY:	Williamson	SPEC YEAR:	2004
SAMPLED BY:	Brad King	SPEC ITEM:	341-2122
SAMPLE LOCATION:	Truck at Plant	SPECIAL PROVISION:	341-_024
MATERIAL CODE:	RTI-64SD2522	MIX TYPE:	ITEM341_D_Fine_Surface
MATERIAL NAME:	Ty-D 64-22 Surface		
PRODUCER:	RTI-South		
AREA ENGINEER:	James Klotz	PROJECT MANAGER:	Dan Pyle
COURSE\LIFT:	1&2	STATION:		DIST. FROM CL:	

Quantity Actually Placed, Tons:	959.60	Bid Price / Tons: $60.00
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:	96.8	96.6	97.2	
Absolute Deviation:	0.3	0.1	0.7	
Auto 1.000 Pay Factor:				

Pay Factor:	1.044	1.050	1.019	
Average Pay Factor:	1.038			
Production Pay Factor:	1.038			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	8.9			

Auto 1.000 Pay Factor:		yes	yes	
Pay Factor:	0.992	1.000	1.000	
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 = $60.00 x 959.60 x 1.038

A = $59,763.89

TPA1 = $59,763.89

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

Production Only Bonus* = $59,763.89 - ($60.00 x 959.60)

Production Only Bonus* = $2,187.89

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $2,187.89 / 2

Production Bonus Paid on Estimate = $1,093.95

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 = ($60.00 x 959.60 x 0.997) + ($60.00 x 0.00)

B = $57,403.27

TPA2 = (A+B) / 2

TPA2 = ($59,763.89 + $57,403.27) / 2

TPA2 = $58,583.58

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

Placement Penalty Paid on Estimate = $58,583.58 - ($60.00 x 959.60) - $1,093.95

Placement Penalty Deducted from Estimate = ($86.36)

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Signature of Contractor Representative

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Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: US-79		DATE LOT OPENED: 10-19-11	
LOT NUMBER: 19		LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ: 0204-02-027	
COUNTY: Williamson		SPEC YEAR: 2004	
SAMPLED BY: Brad King		SPEC ITEM: 341-2122	
SAMPLE LOCATION: Truck at Plant		SPECIAL PROVISION: 341-_024	
MATERIAL CODE: RTI-64SD2522		MIX TYPE: ITEM341_D_Fine_Surface	
MATERIAL NAME: Ty-D 64-22 Surface			
PRODUCER: RTI-South			
AREA ENGINEER: James Klotz		PROJECT MANAGER: Dan Pyle	
COURSE/LIFT: 1&2	STATION:	DIST. FROM CL.:	

Quantity Actually Placed, Tons:	554.00	Bid Price / Tons:	$60.00
Quantity Placed But No Air Void Testing Was Required, Tons:	36.00	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	96.9	96.5	
Absolute Deviation:	0.4	0.4	0.0	
Auto 1.000 Pay Factor:				

Pay Factor:	1.038	1.038	1.050	
Average Pay Factor:	1.042			
Production Pay Factor:	1.042			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.0	7.8		

Auto 1.000 Pay Factor:			YES	

Pay Factor:	1.050	1.014	1.000	
Average Pay Factor:	1.021			
Placement Pay Factor:	1.021			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = $60.00 x 554.00 x 1.042

A = $34,636.08

TPA1 = $34,636.08

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

Production Only Bonus* = $34,636.08 - ($60.00 x 554.00)

Production Only Bonus* = $1,396.08

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = $1,396.08 / 2

Production Bonus Paid on Estimate = $698.04

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 = ($60.00 x 518.00 x 1.021) + ($60.00 x 36.00)

B = $33,892.68

TPA2 = (A+B) / 2

TPA2 = ($34,636.08 + $33,892.68) / 2

TPA2 = $34,264.38

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

Placement Bonus Paid on Estimate = $34,264.38 - ($60.00 x 554.00) - $698.04

Placement Bonus Paid on Estimate = $326.34

_____
Signature of Contractor Representative

_____
Signature of TX DOT Representative