

US 79 - Section 5A

Project: 08WC619

CSJ: 0204-04-040

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		\$563.64	(\$1,570.14)		(\$1,006.50)
2	\$2,335.08			(\$2,496.12)	(\$161.04)
3	\$3,304.51	\$1,208.96			\$4,513.47
Begin using Type C w/RAP					
C-r1	\$1,345.26	\$1,076.20			\$2,421.46
C-r2		\$3,059.76	(\$241.56)		\$2,818.20
C-r3	\$1,690.92	\$2,737.68			\$4,428.60
C-r4	\$2,415.60			(\$2,898.72)	(\$483.12)
C-r5	\$2,898.72	\$402.60			\$3,301.32
C-r6	\$1,259.07	\$2,244.42			\$3,503.49
C-r7	\$1,216.02	\$221.10			\$1,437.12
			PAID ESTIMATE #20		\$20,773.00
C-r8	\$3,140.28	\$3,623.40			\$6,763.68
C-r9	\$3,301.32	\$1,771.44			\$5,072.76
C-r10		\$4,026.00	(\$161.04)		\$3,864.96
C-r11	\$2,898.72			(\$2,093.52)	\$805.20
C-r12	\$3,059.76	\$3,140.28			\$6,200.04
C-r13	\$724.68	\$2,576.64			\$3,301.32
C-r14	\$2,818.20	\$2,898.72			\$5,716.92
C-r15	\$2,536.38	\$2,475.99			\$5,012.37
			PAID CHANGE ORDER #18		\$36,737.25
TOTALS	\$34,944.52	\$32,026.83	(\$1,972.74)	(\$7,488.36)	\$56,848.75

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	06/29/10
LOT NUMBER:	8	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LEFT:		STATION:		DIST. FROM CL:	
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Quantity Actually Placed, Tons:	2,000.00	Bid Price / Tons:	\$80.52
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Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	
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TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.3	96.6	97.1	97.0
Absolute Deviation:	0.2	0.1	0.6	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.025	1.031
Average Pay Factor:	1.039			
Production Pay Factor:	1.039			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.7	5.7	6.3	4.9
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.044	1.035
Average Pay Factor:	1.045			
Placement Pay Factor:	1.045			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.039

A = \$167,320.56

TPA1 = \$167,320.56

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

Production Only Bonus* = \$167,320.56 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$6,280.56

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,280.56 / 2

Production Bonus Paid on Estimate = \$3,140.28

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 = (\$80.52 x 2,000.00 x 1.045) + (\$80.52 x 0.00)

B = \$168,286.80

TPA2 = (A+B) / 2

TPA2 = (\$167,320.56 + \$168,286.80) / 2

TPA2 = \$167,803.68

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

Placement Bonus Paid on Estimate = \$167,803.68 - (\$80.52 x 2,000.00) - \$3,140.28

Placement Bonus Paid on Estimate = \$3,623.40

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	07/07/10
LOT NUMBER:	9	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,000.00	Bid Price / Tons:		\$80.52
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:	7.3	7.0	7.5	7.9
Average Percent Density:	96.8	96.9	96.9	96.8					
Absolute Deviation:	0.3	0.4	0.4	0.3					
Auto 1.000 Pay Factor:					Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.038	1.038	1.044	Pay Factor:	1.024	1.030	1.020	1.012
Average Pay Factor:	1.041				Average Pay Factor:	1.022			
Production Pay Factor:	1.041				Placement Pay Factor:	1.022			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.041

A = \$167,642.64

TPA1 = \$167,642.64

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

Production Only Bonus* = \$167,642.64 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$6,602.64

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,602.64 / 2

Production Bonus Paid on Estimate = \$3,301.32

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 = (\$80.52 x 2,000.00 x 1.022) + (\$80.52 x 0.00)

B = \$164,582.88

TPA2 = (A+B) / 2

TPA2 = (\$167,642.64 + \$164,582.88) / 2

TPA2 = \$166,112.76

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

Placement Bonus Paid on Estimate = \$166,112.76 - (\$80.52 x 2,000.00) - \$3,301.32

Placement Bonus Paid on Estimate = \$1,771.44

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	06/17/10
LOT NUMBER:	10	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LEFT:		STATION:		DIST. FROM CL:	
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Quantity Actually Placed, Tons:	2,000.00	Bid Price / Tons:	\$80.52
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Quantity Placed But No Air Void Testing Was Required, Tons:		Fkst Lot?	
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LABORATORY MOLDED DENSITY					IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4	TxDOT Sublot:	1	2	3	4
Design Target Density:	96.6	96.6	96.5	96.5	Average Percent Air Voids:	5.6	5.2	5.6	6.1
Average Percent Density:	97.0	97.0	97.6	97.6					
Absolute Deviation:	0.5	0.5	1.1	1.1					
Auto 1.000 Pay Factor:					Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.031	0.965	0.965	Pay Factor:	1.050	1.050	1.050	1.048
Average Pay Factor:	0.998				Average Pay Factor:	1.050			
Production Pay Factor:	0.993				Placement Pay Factor:	1.050			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 0.998

A = \$160,717.92

TPA1 = \$160,717.92

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

Production Only Penalty* = \$160,717.92 - (\$80.52 x 2,000.00)

Production Only Penalty* = (\$322.08)

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

Production Penalty Deducted from Estimate = Penalty / 2.

Production Penalty Deducted from Estimate = (\$322.08) / 2

Production Penalty Deducted from Estimate = (\$161.04)

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 = (\$80.52 x 2,000.00 x 1.050) + (\$80.52 x 0.00)

B = \$169,092.00

TPA2 = (A+B) / 2

TPA2 = (\$160,717.92 + \$169,092.00) / 2

TPA2 = \$164,904.96

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

Placement Bonus Paid on Estimate = \$164,904.96 - (\$80.52 x 2,000.00) - (\$161.04)

Placement Bonus Paid on Estimate = \$4,026.00

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	08/18/10
LOT NUMBER:	Cr-11	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	

Quantity Actually Placed, Tons:	2,000.00	Bid Price / Tons:	\$80.52
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	96.9	97.2	96.9	96.7
Absolute Deviation:	0.4	0.7	0.4	0.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.019	1.038	1.050
Average Pay Factor:	1.036			
Production Pay Factor:	1.036			

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.1	8.3	9.6	6.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.048	1.004	0.810	1.034
Average Pay Factor:	0.974			
Placement Pay Factor:	0.974			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.036

A = \$166,837.44

TPA1 = \$166,837.44

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

Production Only Bonus* = \$166,837.44 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$5,797.44

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,797.44 / 2

Production Bonus Paid on Estimate = \$2,898.72

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 = (\$80.52 x 2,000.00 x 0.974) + (\$80.52 x 0.00)

B = \$156,852.96

TPA2 = (A+B) / 2

TPA2 = (\$166,837.44 + \$156,852.96) / 2

TPA2 = \$161,845.20

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

Placement Penalty Paid on Estimate = \$161,845.20 - (\$80.52 x 2,000.00) - \$2,898.72

Placement Penalty Deducted from Estimate = (\$2,093.52)

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	08/19/10
LOT NUMBER:	Cr-12	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,000.00	Bid Price / Tons: \$80.52
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	97.0	96.7	96.2
Absolute Deviation:	0.6	0.6	0.2	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.025	1.031	1.050	1.044
Average Pay Factor:	1.038			
Production Pay Factor:	1.038			

IN PLACE AIR VOIDS				
TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.8	6.5	5.4	6.9
Auto 1.000 Pay Factor:				
Pay Factor:	1.034	1.040	1.050	1.032
Average Pay Factor:	1.039			
Placement Pay Factor:	1.039			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.038

A = \$167,159.52

TPA1 = \$167,159.52

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

Production Only Bonus* = \$167,159.52 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$6,119.52

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$6,119.52 / 2

Production Bonus Paid on Estimate = \$3,059.76

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 = (\$80.52 x 2,000.00 x 1.039) + (\$80.52 x 0.00)

B = \$167,320.56

TPA2 = (A+B) / 2

TPA2 = (\$167,159.52 + \$167,320.56) / 2

TPA2 = \$167,240.04

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

Placement Bonus Paid on Estimate = \$167,240.04 - (\$80.52 x 2,000.00) - \$3,059.76

Placement Bonus Paid on Estimate = \$3,140.28

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	08/20/10
LOT NUMBER:	Cr-13	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	
COURSE/LIFT:		STATION:	
		DIST. FROM CL:	
Quantity Actually Placed, Tons:		2,000.00	Bld Price / Tons: \$80.52
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:	5.1	4.7	6.5	6.9
Average Percent Density:	97.3	97.3	97.6	96.8					
Absolute Deviation:	0.8	0.8	1.1	0.3					
Auto 1.000 Pay Factor:					Auto 1.000 Pay Factor:				
Pay Factor:	1.013	1.013	0.965	1.044	Pay Factor:	1.050	1.005	1.040	1.032
Average Pay Factor:	1.009				Average Pay Factor:	1.032			
Production Pay Factor:	1.009				Placement Pay Factor:	1.032			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.009

A = \$162,489.36

TPA1 = \$162,489.36

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

Production Only Bonus* = \$162,489.36 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$1,449.36

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$1,449.36 / 2

Production Bonus Paid on Estimate = \$724.68

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 = (\$80.52 x 2,000.00 x 1.032) + (\$80.52 x 0.00)

B = \$166,193.28

TPA2 = (A+B) / 2

TPA2 = (\$162,489.36 + \$166,193.28) / 2

TPA2 = \$164,341.32

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

Placement Bonus Paid on Estimate = \$164,341.32 - (\$80.52 x 2,000.00) - \$724.68

Placement Bonus Paid on Estimate = \$2,576.64

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	09/10/10
LOT NUMBER:	Cr-14	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
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Quantity Actually Placed, Tons:	2,000.00	Bid Price / Tons:	\$80.52
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Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	
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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:	6.5	7.4	6.9	5.5
Average Percent Density:	96.8	97.1	96.8	97.1					
Absolute Deviation:	0.3	0.6	0.3	0.6					
Auto 1.000 Pay Factor:					Auto 1.000 Pay Factor:				
Pay Factor:	1.044	1.025	1.044	1.025	Pay Factor:	1.040	1.022	1.032	1.050
Average Pay Factor:	1.035				Average Pay Factor:	1.036			
Production Pay Factor:	1.035				Placement Pay Factor:	1.036			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 2,000.00 x 1.035

A = \$166,676.40

TPA1 = \$166,676.40

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

Production Only Bonus* = \$166,676.40 - (\$80.52 x 2,000.00)

Production Only Bonus* = \$5,636.40

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,636.40 / 2

Production Bonus Paid on Estimate = \$2,818.20

TPA2=(A+B)/2

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

B = (\$80.52 x 2,000.00 x 1.036) + (\$80.52 x 0.00)

B = \$166,837.44

TPA2 = (A+B) / 2

TPA2 = (\$166,676.40 + \$166,837.44) / 2

TPA2 = \$166,756.92

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

Placement Bonus Paid on Estimate = \$166,756.92 - (\$80.52 x 2,000.00) - \$2,818.20

Placement Bonus Paid on Estimate = \$2,598.72

Signature of Contractor Representative

Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	09/13/10
LOT NUMBER:	Cr-15	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	C-R-70N		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
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Quantity Actually Placed, Tons:	1,500.00	Bid Price / Tons:	\$80.52
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Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	
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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	97.1	96.7	
Absolute Deviation:	0.2	0.6	0.2	
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.025	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:	6.6	6.7	5.5	
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.036	1.050	
Average Pay Factor:	1.041			
Placement Pay Factor:	1.041			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$80.52 x 1,500.00 x 1.042

A = \$125,852.76

TPA1 = \$125,852.76

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

Production Only Bonus* = \$125,852.76 - (\$80.52 x 1,500.00)

Production Only Bonus* = \$5,072.76

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$5,072.76 / 2

Production Bonus Paid on Estimate = \$2,536.38

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 = (\$80.52 x 1,500.00 x 1.041) + (\$80.52 x 0.00)

B = \$125,731.98

TPA2 = (A+B) / 2

TPA2 = (\$125,852.76 + \$125,731.98) / 2

TPA2 = \$125,792.37

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

Placement Bonus Paid on Estimate = \$125,792.37 - (\$80.52 x 1,500.00) - \$2,536.38

Placement Bonus Paid on Estimate = \$2,475.99

Signature of Contractor Representative

Signature of TX DOT Representative

US 79 - Section 5A

Project: 08WC619

CSJ: 0204-04-040

ITEM 9341-2050: D-GR HMA (QCQA) TY-C PG70-22 (THRALL)

PRODUCTION & PLACEMENT
BONUS / PENALTY

[illegible]

PAID CHANGE ORDER #18

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	10/26/10
LOT NUMBER:	1	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	HMAC TYPE 'C' W/RAP		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
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Quantity Actually Placed, Tons:	1,000.00	Bid Price / Tons:	\$58.85
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Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	Yes
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LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	97.0	97.0	97.0	97.0
Average Percent Density:	97.1	97.4	97.0	96.7
Absolute Deviation:	0.1	0.4	0.0	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.038	1.050	1.044
Average Pay Factor:	1.046			
Production Pay Factor:	1.046			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.0	6.6	5.7	7.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.038	1.050	1.016
Average Pay Factor:	1.039			
Placement Pay Factor:	1.039			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$58.85 x 1,000.00 x 1.046

A = \$61,557.10

TPA1 = \$61,557.10

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

Production Only Bonus* = \$61,557.10 - (\$58.85 x 1,000.00)

Production Only Bonus* = \$2,707.10

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$2,707.10 / 2

Production Bonus Paid on Estimate = \$1,353.55

THRALL

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 = (\$58.85 x 1,000.00 x 1.039) + (\$58.85 x 0.00)

B = \$61,145.15

TPA2 = (A+B) / 2

TPA2 = (\$61,557.10 + \$61,145.15) / 2

TPA2 = \$61,351.13

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

Placement Bonus Paid on Estimate = \$61,351.13 - (\$58.85 x 1,000.00) - \$1,353.55

Placement Bonus Paid on Estimate = \$1,147.58

[Signature]
Signature of Contractor Representative

[Signature]
Signature of TX DOT Representative

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:		DATE LOT OPENED:	10/27/10
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:		CONTROLLING CSJ:	0204-04-040
COUNTY:	WILLIAMSON	SPEC YEAR:	2004
SAMPLED BY:	GDEVAN-C	SPEC ITEM:	0341
SAMPLE LOCATION:	TRUCK	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	ITEM341_C_Coarse_Surface
MATERIAL NAME:	HMAC TYPE 'C' W/RAP		
PRODUCER:	COLORADO MATERIALS, HUNTER, TX		
AREA ENGINEER:		PROJECT MANAGER:	

COURSE/LIFT:		STATION:		DIST. FROM CL:	
Quantity Actually Placed, Tons:		1,997.38	Bid Price / Tons:		\$58.85
Quantity Placed But No Air Void Testing Was Required, Tons:			First Lot?		

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	97.0	97.0	97.0	97.0
Average Percent Density:	96.5	97.4	96.6	96.7
Absolute Deviation:	0.5	0.4	0.4	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.038	1.038	1.044
Average Pay Factor:	1.038			
Production Pay Factor:	1.038			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.0	8.0	6.5	8.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.030	1.010	1.040	0.996
Average Pay Factor:	1.019			
Placement Pay Factor:	1.019			

TOTAL PAY ADJUSTMENTS

TPA1=A

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

A = \$58.85 x 1,997.38 x 1.038

A = \$122,012.55

TPA1 = \$122,012.55

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

Production Only Bonus* = \$122,012.55 - (\$58.85 x 1,997.38)

Production Only Bonus* = \$4,466.74

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

Production Bonus Paid on Estimate = Bonus / 2.

Production Bonus Paid on Estimate = \$4,466.74 / 2

Production Bonus Paid on Estimate = \$2,233.37

TPA2=(A+B)/2

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

B = (\$58.85 x 1,997.38 x 1.019) + (\$58.85 x 0.00)

B = \$119,779.18

TPA2 = (A+B) / 2

TPA2 = (\$122,012.55 + \$119,779.18) / 2

TPA2 = \$120,895.87

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

Placement Bonus Paid on Estimate = \$120,895.87 - (\$58.85 x 1,997.38) - \$2,233.37

Placement Bonus Paid on Estimate = \$1,116.68

Signature of Contractor Representative

Signature of TX DOT Representative

THRALL

B. Z.

US 79 - 5A
IRI RIDE QUALITY

DATE	DIRECTION	LANE	STATION TO STATION	PAY
10/15/2010	EB	LT	1053+00 TO 1289+00	\$2,109
10/15/2010	EB	RT	1065+00 TO 1301+00	\$10,198
10/15/2010	EB	LT	1350+00 TO 1374+00	\$655
10/15/2010	EB	RT	1347+00 TO 1374+00	\$735
10/15/2010	EB	RAMP	20+00 TO 28+00	(\$220)
10/15/2010	WB	LT	1374+00 TO 1347+00	\$160
10/15/2010	WB	RT	1374+00 TO 1362+00	\$269
11/2/2010	EB	LT	1289+00 TO 1345+00	(\$420)
11/2/2010	EB	RT	1303+00 TO 1345+00	(\$1,937)
11/2/2010	WB	LT	1345+00 TO 1058+00	\$4,780
11/2/2010	WB	RT	1345+00 TO 1058+00	\$1,400
11/2/2010	WB	RT, RAMP	1090+00 TO 1067+69	(\$802)

TOTAL **\$16,927**

US 79
WILLIAMSON COUNTY
EASTBOUND LEFT LANE
1053+00 TO 1289+00
QA
10-15-10

Hull Zellers, Inc.
OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:41:35AM

Input profile data file created Friday Oct 15 2010 9:46:31AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1053+00.0
CSJ 0204-04-040	Lane roadbed R2
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\us79qa10-15-10r2.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 4.4713 Length(Station Units) 0236+08.5ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.1277	1059+74.0	Bump	.3	.16	-\$ 500
00.1302	1059+87.5	Dip	.3	-.17	-\$ 500
00.1325	1059+99.5	Bump	6.0	.23	-\$ 500
00.1402	1060+40.5	Bump	.3	.15	-\$ 500
00.2322	1065+26.3	Bump	.3	.15	-\$ 500
03.1042	1216+90.0	Dip	.3	-.20	-\$ 500
03.1051	1216+95.0	Bump	.3	.15	-\$ 500

Bumps/dips detected 7 Bump Fines -\$ 3500

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SeactLen	Pay
00.1000	1058+28.0	4.49	65.01	56.27	61.00	\$ 0*(0.1000/0.10)	\$ 0
00.2000	1063+56.0	3.88	84.72	92.12	88.00	-\$460*(0.1000/0.10)	-\$ 460
00.3000	1068+84.0	4.25	73.89	67.63	71.00	-\$120*(0.1000/0.10)	-\$ 120
00.4000	1074+12.0	4.51	54.47	65.50	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.5000	1079+40.0	4.57	54.42	60.73	58.00	\$ 40*(0.1000/0.10)	\$ 40
00.6000	1084+68.0	4.67	56.18	51.30	54.00	\$120*(0.1000/0.10)	\$ 120
00.7000	1089+96.0	4.49	53.80	68.23	61.00	\$ 0*(0.1000/0.10)	\$ 0
00.8000	1095+24.0	4.62	51.70	60.00	56.00	\$ 80*(0.1000/0.10)	\$ 80
00.9000	1100+52.0	4.52	58.32	60.61	59.00	\$ 20*(0.1000/0.10)	\$ 20
01.0000	1105+80.0	4.59	52.20	61.32	57.00	\$ 60*(0.1000/0.10)	\$ 60

01.1000	1111+08.0	4.71	55.63	48.53	52.00	\$160*(0.1000/0.10)	\$ 160
01.2000	1116+36.0	4.72	49.11	53.41	51.00	\$180*(0.1000/0.10)	\$ 180
01.3000	1121+64.0	4.65	53.19	55.95	55.00	\$100*(0.1000/0.10)	\$ 100
01.4000	1126+92.0	4.61	56.07	56.61	56.00	\$ 80*(0.1000/0.10)	\$ 80
01.5000	1132+20.0	4.66	58.12	50.59	54.00	\$120*(0.1000/0.10)	\$ 120
01.6000	1137+48.0	4.44	57.55	68.09	63.00	\$ 0*(0.1000/0.10)	\$ 0
01.7000	1142+76.0	4.56	58.53	57.68	58.00	\$ 40*(0.1000/0.10)	\$ 40
01.8000	1148+04.0	4.73	49.01	51.05	50.00	\$200*(0.1000/0.10)	\$ 200
01.9000	1153+32.0	4.70	48.65	57.20	53.00	\$140*(0.1000/0.10)	\$ 140
02.0000	1158+60.0	4.77	45.51	49.75	48.00	\$240*(0.1000/0.10)	\$ 240
02.1000	1163+88.0	4.73	46.35	54.22	50.00	\$200*(0.1000/0.10)	\$ 200
02.2000	1169+16.0	4.72	52.59	50.05	51.00	\$180*(0.1000/0.10)	\$ 180
02.3000	1174+44.0	4.64	52.01	58.21	55.00	\$100*(0.1000/0.10)	\$ 100
02.4000	1179+72.0	4.76	45.98	49.85	48.00	\$240*(0.1000/0.10)	\$ 240
02.5000	1185+00.0	4.82	43.35	43.75	44.00	\$320*(0.1000/0.10)	\$ 320
02.6000	1190+28.0	4.75	47.05	50.91	49.00	\$220*(0.1000/0.10)	\$ 220
02.7000	1195+56.0	4.59	60.21	53.42	57.00	\$ 60*(0.1000/0.10)	\$ 60
02.8000	1200+84.0	4.78	43.95	49.47	47.00	\$260*(0.1000/0.10)	\$ 260
02.9000	1206+12.0	4.77	47.61	46.97	47.00	\$260*(0.1000/0.10)	\$ 260
03.0000	1211+40.0	4.76	49.88	46.67	48.00	\$240*(0.1000/0.10)	\$ 240
03.1000	1216+68.0	4.78	46.46	46.14	46.00	\$280*(0.1000/0.10)	\$ 280
03.2000	1221+96.0	4.44	67.29	58.41	63.00	\$ 0*(0.1000/0.10)	\$ 0
03.3000	1227+24.0	4.73	51.89	48.54	50.00	\$200*(0.1000/0.10)	\$ 200
03.4000	1232+52.0	4.73	54.81	45.57	50.00	\$200*(0.1000/0.10)	\$ 200
03.5000	1237+80.0	4.77	47.83	46.89	47.00	\$260*(0.1000/0.10)	\$ 260
03.6000	1243+08.0	4.75	50.12	46.96	49.00	\$220*(0.1000/0.10)	\$ 220
03.7000	1248+36.0	4.76	46.95	49.52	48.00	\$240*(0.1000/0.10)	\$ 240
03.8000	1253+64.0	4.64	54.18	55.77	55.00	\$100*(0.1000/0.10)	\$ 100
03.9000	1258+92.0	4.58	55.07	59.34	57.00	\$ 60*(0.1000/0.10)	\$ 60
04.0000	1264+20.0	4.58	51.90	63.06	57.00	\$ 60*(0.1000/0.10)	\$ 60
04.1000	1269+48.0	4.72	48.39	54.29	51.00	\$180*(0.1000/0.10)	\$ 180
04.2000	1274+76.0	4.74	47.37	51.47	49.00	\$220*(0.1000/0.10)	\$ 220
04.3000	1280+04.0	4.76	46.22	50.35	48.00	\$240*(0.1000/0.10)	\$ 240
04.4000	1285+32.0	4.76	48.88	46.81	48.00	\$240*(0.1000/0.10)	\$ 240
04.4713	1289+08.5	4.57	55.92	59.54	58.00	\$ 40*(0.0713/0.10)	\$ 29
Pay Adjustment Subtotal							\$ 5609

Ave Left IRI 53.3 Ave Right IRI 55.1 Ave IRI 54.2

Total IRI adjustments \$ 5609

Total Bump adjustments -\$ 3500

Total adjustments \$ 2109

US 79
WILLIAMSON COUNTY
EASTBOUND RIGHT LANE
1065+00 TO 1301+00

QA
10-15-10

McM Zolom, Inc.

OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:43:15AM

Input profile data file created Friday Oct 15 2010 9:46:44AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1065+00.0
CSJ 0204-04-040	Lane roadbed R1
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\us79qa10-15-10r1.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRI's of 30(\$600) to 60(\$0)
Penalty assessed for average IRI's of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 4.47 Length(Station Units) 0236+01.6ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	1070+28.0	4.72	47.85	54.46	51.00	\$180*(0.1000/0.10)	\$ 180
00.2000	1075+56.0	4.63	52.71	57.95	55.00	\$100*(0.1000/0.10)	\$ 100
00.3000	1080+84.0	4.62	53.14	58.46	56.00	\$ 80*(0.1000/0.10)	\$ 80
00.4000	1086+12.0	4.76	46.75	48.67	48.00	\$240*(0.1000/0.10)	\$ 240
00.5000	1091+40.0	4.83	42.71	43.44	43.00	\$340*(0.1000/0.10)	\$ 340
00.6000	1096+68.0	4.81	43.75	45.03	44.00	\$320*(0.1000/0.10)	\$ 320
00.7000	1101+96.0	4.82	42.09	45.52	44.00	\$320*(0.1000/0.10)	\$ 320
00.8000	1107+24.0	4.78	43.89	49.04	46.00	\$280*(0.1000/0.10)	\$ 280
00.9000	1112+52.0	4.81	39.41	49.26	44.00	\$320*(0.1000/0.10)	\$ 320
01.0000	1117+80.0	4.80	45.16	44.86	45.00	\$300*(0.1000/0.10)	\$ 300
01.1000	1123+08.0	4.79	42.91	48.14	46.00	\$280*(0.1000/0.10)	\$ 280
01.2000	1128+36.0	4.79	46.90	45.16	46.00	\$280*(0.1000/0.10)	\$ 280
01.3000	1133+64.0	4.77	45.81	48.70	47.00	\$260*(0.1000/0.10)	\$ 260
01.4000	1138+92.0	4.81	43.08	46.10	45.00	\$300*(0.1000/0.10)	\$ 300
01.5000	1144+20.0	4.81	44.62	44.46	45.00	\$300*(0.1000/0.10)	\$ 300
01.6000	1149+48.0	4.82	39.83	47.18	44.00	\$320*(0.1000/0.10)	\$ 320
01.7000	1154+76.0	4.69	52.32	54.14	53.00	\$140*(0.1000/0.10)	\$ 140
01.8000	1160+04.0	4.79	44.41	47.07	46.00	\$280*(0.1000/0.10)	\$ 280
01.9000	1165+32.0	4.77	43.48	50.28	47.00	\$260*(0.1000/0.10)	\$ 260
02.0000	1170+60.0	4.79	42.92	49.24	46.00	\$280*(0.1000/0.10)	\$ 280
02.1000	1175+88.0	4.55	61.18	55.96	59.00	\$ 20*(0.1000/0.10)	\$ 20
02.2000	1181+16.0	4.81	46.48	41.83	44.00	\$320*(0.1000/0.10)	\$ 320
02.3000	1186+44.0	4.76	46.53	48.99	48.00	\$240*(0.1000/0.10)	\$ 240
02.4000	1191+72.0	4.79	48.49	43.27	46.00	\$280*(0.1000/0.10)	\$ 280

02.5000	1197+00.0	4.79	48.22	43.56	46.00	\$280*(0.1000/0.10)	\$ 280
02.6000	1202+28.0	4.75	49.04	49.27	49.00	\$220*(0.1000/0.10)	\$ 220
02.7000	1207+56.0	4.74	50.33	49.13	50.00	\$200*(0.1000/0.10)	\$ 200
02.8000	1212+84.0	4.80	52.15	38.53	45.00	\$300*(0.1000/0.10)	\$ 300
02.9000	1218+12.0	4.78	46.27	46.75	47.00	\$260*(0.1000/0.10)	\$ 260
03.0000	1223+40.0	4.82	40.65	46.44	44.00	\$320*(0.1000/0.10)	\$ 320
03.1000	1228+68.0	4.80	48.85	41.63	45.00	\$300*(0.1000/0.10)	\$ 300
03.2000	1233+96.0	4.76	48.44	48.32	48.00	\$240*(0.1000/0.10)	\$ 240
03.3000	1239+24.0	4.82	43.73	43.26	43.00	\$340*(0.1000/0.10)	\$ 340
03.4000	1244+52.0	4.76	49.48	46.80	48.00	\$240*(0.1000/0.10)	\$ 240
03.5000	1249+80.0	4.74	47.31	52.24	50.00	\$200*(0.1000/0.10)	\$ 200
03.6000	1255+08.0	4.62	62.66	48.76	56.00	\$ 80*(0.1000/0.10)	\$ 80
03.7000	1260+36.0	4.27	69.90	70.00	70.00	-\$100*(0.1000/0.10)	-\$ 100
03.8000	1265+64.0	4.51	59.33	60.46	60.00	\$ 0*(0.1000/0.10)	\$ 0
03.9000	1270+92.0	4.77	53.32	41.19	47.00	\$260*(0.1000/0.10)	\$ 260
04.0000	1276+20.0	4.77	50.39	43.42	47.00	\$260*(0.1000/0.10)	\$ 260
04.1000	1281+48.0	4.73	53.20	47.26	50.00	\$200*(0.1000/0.10)	\$ 200
04.2000	1286+76.0	4.74	53.90	45.05	49.00	\$220*(0.1000/0.10)	\$ 220
04.3000	1292+04.0	4.69	59.66	46.85	53.00	\$140*(0.1000/0.10)	\$ 140
04.4000	1297+32.0	4.64	60.69	49.67	55.00	\$100*(0.1000/0.10)	\$ 100
04.4700	1301+01.6	4.68	56.57	50.30	53.00	\$140*(0.0700/0.10)	\$ 98

Pay Adjustment Subtotal \$10198

Ave Left IRI 49.1 Ave Right IRI 48.3 Ave IRI 48.7

Total IRI adjustments \$ 10198

Total Bump adjustments \$ 0

Total adjustments \$ 10198

US 79
 WILLIAMSON COUNTY
 EASTBOUND LEFT LANE
 1350+00 TO 1374+00
 QA
 10-15-10

Hunt Zehms, Inc.
 OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:36:57AM

Input profile data file created Friday Oct 15 2010 10:33:21AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1350+00.0
CSJ 0204-04-040	Lane roadbed R2
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\west section\us79qa10-15-10wr2.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
 Bumps tagged if greater or equal to 0.1505 inches.
 Bonus paid for average IRIs of 30(\$600) to 60(\$0)
 Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.4574 Length(Station Units) 0024+15.1ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	1355+28.0	4.57	65.54	50.06	58.00	\$ 40*(0.1000/0.10)	\$ 40
00.2000	1360+56.0	4.72	50.99	51.15	51.00	\$180*(0.1000/0.10)	\$ 180
00.3000	1365+84.0	4.69	56.52	50.20	53.00	\$140*(0.1000/0.10)	\$ 140
00.4000	1371+12.0	4.72	50.28	52.44	51.00	\$180*(0.1000/0.10)	\$ 180
00.4574	1374+15.1	4.74	54.12	45.28	50.00	\$200*(0.0574/0.10)	\$ 115
Pay Adjustment Subtotal							\$ 655

Ave Left IRI 55.6 Ave Right IRI 50.2 Ave IRI 52.9

Total IRI adjustments	\$ 655
Total Bump adjustments	\$ 0
Total adjustments	\$ 655

US 79
 WILLIAMSON COUNTY
 EASTBOUND RIGHT LANE
 1347+00 TO 1374+00
 QA
 10-15-10

Hull & Zellers, Inc.
 OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:34:26AM

Input profile data file created Friday Oct 15 2010 10:33:11AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1347+00.0
CSJ 0204-04-040	Lane roadbed R1
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\west section\us79qa10-15-10wri.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
 Bumps tagged if greater or equal to 0.1505 inches.
 Bonus paid for average IRI's of 30(\$600) to 60(\$0)
 Penalty assessed for average IRI's of 65(\$0) to 95(-\$600)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.5291 Length(Station Units) 0027+93.6ft.

Distance	Station	PSI	IRI (L)	IRI (R)	Avg IRI	Pay*Section	Pay
00.1000	1352+28.0	4.69	55.06	51.13	53.00	\$140*(0.1000/0.10)	\$ 140
00.2000	1357+56.0	4.75	52.20	46.01	49.00	\$220*(0.1000/0.10)	\$ 220
00.3000	1362+84.0	4.69	54.47	51.73	53.00	\$140*(0.1000/0.10)	\$ 140
00.4000	1368+12.0	4.59	58.63	55.55	57.00	\$ 60*(0.1000/0.10)	\$ 60
00.5000	1373+40.0	4.70	55.86	50.06	53.00	\$140*(0.1000/0.10)	\$ 140
00.5291	1374+93.6	4.66	59.09	49.32	54.00	\$120*(0.0291/0.10)	\$ 35
Pay Adjustment Subtotal							\$ 735

Ave Left IRI 55.5 Ave Right IRI 50.8 Ave IRI 53.15

Total IRI adjustments	\$ 735
Total Bump adjustments	\$ 0
Total adjustments	\$ 735

US 79
WILLIAMSON COUNTY
EASTBOUND RAMP
20+00 TO 28+00
QA
10-15-10

Hull & Zellers, Inc.
OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 11:53:48AM

Input profile data file created Friday Oct 15 2010 11:51:20AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 0021+00.0
CSJ 0204-04-040	Lane roadbed R3
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\us79qa10-1-10ramp.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 0.1336 Length(Station Units) 0007+05.4ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	26+28.0	4.17	75.86	72.91	74.00	-\$180*(0.1000/0.10)	-\$ 180
00.1336	28+05.4	4.24	66.89	75.94	71.00	-\$120*(0.0336/0.10)	-\$ 40
Pay Adjustment Subtotal							-\$ 220
Ave Left IRI 73.6		Ave Right IRI 73.7		Ave IRI 73.65			
Total IRI adjustments			-\$		220		
Total Bump adjustments			\$		0		
Total adjustments			-\$		220		

US 79
WILLIAMSON COUNTY
WESTBOUND LEFT LANE
1374+00 TO 1347+00
QA
10-15-10

Hull & Zellars, Inc.
OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:38:45AM

Input profile data file created Friday Oct 15 2010 10:33:40AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1374+00.0
CSJ 0204-04-040	Lane roadbed L2
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\west section\us79qa10-15-10wl2.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 0.513 Length(Station Units) 0027+08.6ft.

Distance	Station	PSI	IRI (L)	IRI (R)	Avg IRI	Pay*SectLen	Pay
00.1000	1368+72.0	4.71	51.32	52.98	52.00	\$160*(0.1000/0.10)	\$ 160
00.2000	1363+44.0	4.41	65.82	61.99	64.00	\$ 0*(0.1000/0.10)	\$ 0
00.3000	1358+16.0	4.42	62.94	64.34	64.00	\$ 0*(0.1000/0.10)	\$ 0
00.4000	1352+88.0	4.49	65.36	56.35	61.00	\$ 0*(0.1000/0.10)	\$ 0
00.5000	1347+60.0	4.40	65.40	63.90	65.00	\$ 0*(0.1000/0.10)	\$ 0
00.5130	1346+91.4	4.41	65.20	63.28	64.00	\$ 0*(0.0131/0.10)	\$ 0
Pay Adjustment Subtotal							\$ 160

Ave Left IRI	62.2	Ave Right IRI	60	Ave IRI	61.1
Total IRI adjustments	\$			160	
Total Bump adjustments	\$			0	
Total adjustments	\$			160	

US 79
 WILLIAMSON COUNTY
 WESTBOUND RIGHT LANE
 1374+00 TO 1362+00
 QA
 10-15-10

Hull Zellers, Inc.
 OCT 15 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Oct 15 2010 10:40:18AM

Input profile data file created Friday Oct 15 2010 10:33:30AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 246	Beg Station 1374+00.0
CSJ 0204-04-040	Lane roadbed L1
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\10-15-10\west section\us79qa10-15-10wll.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
 Bumps tagged if greater or equal to 0.1505 inches.
 Bonus paid for average IRIs of 30(\$600) to 60(\$0)
 Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.227 Length(Station Units) 0011+98.6ft.

Distance	Station	PSI	IRI (L)	IRI (R)	Avg IRI	Pay*SectLen	Pay
00.1000	1368+72.0	4.63	54.03	57.02	56.00	\$ 80*(0.1000/0.10)	\$ 80
00.2000	1363+44.0	4.70	50.67	54.79	53.00	\$140*(0.1000/0.10)	\$ 140
00.2270	1362+01.4	4.72	50.19	52.77	51.00	\$180*(0.0270/0.10)	\$ 49
Pay Adjustment Subtotal							\$ 269

Ave Left IRI 52.1 Ave Right IRI 55.5 Ave IRI 53.8

Total IRI adjustments \$ 269

Total Bump adjustments \$ 0

Total adjustments \$ 269

US 79
WILLIAMSON COUNTY
TOWN SECTION
EASTBOUND LEFT LANE
1289+00 TO 1345+00
QA
11-2-10

Hunt Zollars, Inc.
NOV 02 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Tuesday Nov 2 2010 9:42:02AM

Input profile data file created Tuesday Nov 2 2010 9:35:13AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 146	Beg Station 1289+00.0
CSJ 0204-04-040	Lane roadbed R2
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\11-2-10\town section\us79qall-1-10_town_r2.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 1.0619 Length(Station Units) 0056+06.8ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.2141	1300+30.5	Dip	.2	-.16	-\$ 500

Bumps/dips detected 1 Bump Fines -\$ 500

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	1294+28.0	4.72	49.62	52.61	51.00	\$180*(0.1000/0.10)	\$ 180
00.2000	1299+56.0	4.70	57.04	47.94	52.00	\$160*(0.1000/0.10)	\$ 160
00.3000	1304+84.0	4.04	79.55	81.72	81.00	-\$320*(0.1000/0.10)	-\$ 320
00.4000	1310+12.0	4.62	62.70	49.23	56.00	\$ 80*(0.1000/0.10)	\$ 80
00.5000	1315+40.0	4.70	59.11	46.74	53.00	\$140*(0.1000/0.10)	\$ 140
00.6000	1320+68.0	4.65	62.04	47.61	55.00	\$100*(0.1000/0.10)	\$ 100
00.7000	1325+96.0	4.39	66.73	63.05	65.00	\$ 0*(0.1000/0.10)	\$ 0
00.8000	1331+24.0	4.27	76.92	62.92	70.00	-\$100*(0.1000/0.10)	-\$ 100
00.9000	1336+52.0	4.19	76.32	70.43	73.00	-\$160*(0.1000/0.10)	-\$ 160
01.0000	1341+80.0	4.49	68.24	53.64	61.00	\$ 0*(0.1000/0.10)	\$ 0
01.0619	1345+06.8	4.52	64.45	55.04	60.00	\$ 0*(0.0620/0.10)	\$ 0
Pay Adjustment Subtotal							\$ 80

Ave Left IRI 65.7 Ave Right IRI 57.4 Ave IRI 61.55

Total IRI adjustments \$ 80

Total Bump adjustments \$ -500

Total Adjustments \$ -420

US 79
WILLIAMSON COUNTY
TOWN SECTION
EASTBOUND RIGHT LANE
1303+00 TO 1345+00
QA
11-2-10

Hult Zollars, Inc.
NOV 02 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Tuesday Nov 2 2010 9:40:30AM

Input profile data file created Tuesday Nov 2 2010 9:35:03AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 146	Beg Station 1303+00.0
CSJ 0204-04-040	Lane roadbed R1
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\11-2-10\town section\us79qall-1-10_town_rl.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 0.7936 Length(Station Units) 0041+90.2ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.4283	1325+61.7	Bump	.7	.16	-\$ 500
00.6239	1335+94.1	Bump	3.2	.23	-\$ 500

Bumps/dips detected 2 Bump Fines -\$ 1000

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SeetLen	Pay
00.1000	1308+28.0	4.35	62.78	70.21	66.00	-\$ 20*(0.1000/0.10)	-\$ 20
00.2000	1313+56.0	4.16	66.91	82.67	75.00	-\$200*(0.1000/0.10)	-\$ 200
00.3000	1318+84.0	4.71	44.04	59.37	52.00	\$160*(0.1000/0.10)	\$ 160
00.4000	1324+12.0	4.34	62.16	71.67	67.00	-\$ 40*(0.1000/0.10)	-\$ 40
00.5000	1329+40.0	3.98	76.89	89.93	83.00	-\$360*(0.1000/0.10)	-\$ 360
00.6000	1334+68.0	4.22	68.58	75.81	72.00	-\$140*(0.1000/0.10)	-\$ 140
00.7000	1339+96.0	4.04	68.96	91.99	80.00	-\$300*(0.1000/0.10)	-\$ 300
00.7936	1344+90.2	4.34	65.38	68.57	67.00	-\$ 40*(0.0936/0.10)	-\$ 37

Pay Adjustment Subtotal -\$ 937

Ave Left IRI 64.5 Ave Right IRI 76.3 Ave IRI 70.4

Total IRI adjustments -\$ 937

Total Bump adjustments -\$ 1000

Total adjustments -\$ 1937

US 79
WILLIAMSON COUNTY
WESTBOUND LEFT LANE
TOWN AND MAIN LANE
1345+00 TO 1058+00

QA

11-2-10

Hultt Zollars, Inc
NOV 02 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Tuesday Nov 2 2010 10:22:44AM

Input profile data file created Tuesday Nov 2 2010 10:12:30AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 146	Beg Station 1345+00.0
CSJ 0204-04-040	Lane roadbed L3
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\11-2-10\town section\us79qall-1-10_town_13.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 5.4335 Length(Station Units) 0286+88.9ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.0491	1347+59.5	Bump	.3	.43	-\$ 500
00.8139	1387+97.3	Dip	.8	-.18	-\$ 500
02.4631	1475+05.3	Bump	2.0	.19	-\$ 500
04.2757	1570+75.8	Bump	.3	.16	-\$ 500

Bumps/dips detected 4 Bump Fines -\$ 2000

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	1350+28.0	4.70	46.42	59.12	53.00	\$140*(0.1000/0.10)	\$ 140
00.2000	1355+56.0	4.55	51.27	65.71	58.00	\$ 40*(0.1000/0.10)	\$ 40
00.3000	1360+84.0	4.53	61.01	57.38	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.4000	1366+12.0	4.51	55.71	64.68	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.5000	1371+40.0	4.72	55.07	47.24	51.00	\$180*(0.1000/0.10)	\$ 180
00.6000	1376+68.0	4.82	40.08	47.36	44.00	\$320*(0.1000/0.10)	\$ 320
00.7000	1381+96.0	4.54	57.21	60.82	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.8000	1387+24.0	4.52	61.68	57.32	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.9000	1392+52.0	4.30	77.86	59.14	68.00	-\$ 60*(0.1000/0.10)	-\$ 60
01.0000	1397+80.0	4.59	60.21	53.47	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.1000	1403+08.0	4.49	64.68	56.79	61.00	\$ 0*(0.1000/0.10)	\$ 0
01.2000	1408+36.0	4.26	70.77	70.50	71.00	-\$120*(0.1000/0.10)	-\$ 120
01.3000	1413+64.0	4.61	60.44	51.98	56.00	\$ 80*(0.1000/0.10)	\$ 80
01.4000	1418+92.0	4.58	59.12	55.72	57.00	\$ 60*(0.1000/0.10)	\$ 60

01.5000	1424+20.0	4.40	67.17	61.71	64.00	\$ 0*(0.1000/0.10)	\$ 0
01.6000	1429+48.0	4.74	50.30	49.36	50.00	\$200*(0.1000/0.10)	\$ 200
01.7000	1434+76.0	4.73	51.27	50.30	51.00	\$180*(0.1000/0.10)	\$ 180
01.8000	1440+04.0	4.72	54.42	48.25	51.00	\$180*(0.1000/0.10)	\$ 180
01.9000	1445+32.0	4.45	65.38	59.24	62.00	\$ 0*(0.1000/0.10)	\$ 0
02.0000	1450+60.0	4.71	52.00	52.64	52.00	\$160*(0.1000/0.10)	\$ 160
02.1000	1455+88.0	4.74	51.91	46.86	49.00	\$220*(0.1000/0.10)	\$ 220
02.2000	1461+16.0	4.71	50.39	53.74	52.00	\$160*(0.1000/0.10)	\$ 160
02.3000	1466+44.0	4.63	54.90	56.18	56.00	\$ 80*(0.1000/0.10)	\$ 80
02.4000	1471+72.0	4.76	52.42	43.54	48.00	\$240*(0.1000/0.10)	\$ 240
02.5000	1477+00.0	4.73	51.62	49.84	51.00	\$180*(0.1000/0.10)	\$ 180
02.6000	1482+28.0	4.73	51.28	49.00	50.00	\$200*(0.1000/0.10)	\$ 200
02.7000	1487+56.0	4.71	55.72	47.48	52.00	\$160*(0.1000/0.10)	\$ 160
02.8000	1492+84.0	4.71	53.10	51.05	52.00	\$160*(0.1000/0.10)	\$ 160
02.9000	1498+12.0	4.62	57.49	53.78	56.00	\$ 80*(0.1000/0.10)	\$ 80
03.0000	1503+40.0	4.72	50.44	51.41	51.00	\$180*(0.1000/0.10)	\$ 180
03.1000	1508+68.0	4.75	54.50	43.40	49.00	\$220*(0.1000/0.10)	\$ 220
03.2000	1513+96.0	4.71	53.14	50.56	52.00	\$160*(0.1000/0.10)	\$ 160
03.3000	1519+24.0	4.71	54.67	50.13	52.00	\$160*(0.1000/0.10)	\$ 160
03.4000	1524+52.0	4.67	53.65	53.92	54.00	\$120*(0.1000/0.10)	\$ 120
03.5000	1529+80.0	4.64	58.20	51.64	55.00	\$100*(0.1000/0.10)	\$ 100
03.6000	1535+08.0	4.73	52.90	47.38	50.00	\$200*(0.1000/0.10)	\$ 200
03.7000	1540+36.0	4.60	53.24	59.87	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.8000	1545+64.0	4.59	61.62	51.87	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.9000	1550+92.0	4.72	54.49	47.16	51.00	\$180*(0.1000/0.10)	\$ 180
04.0000	1556+20.0	4.50	62.70	57.93	60.00	\$ 0*(0.1000/0.10)	\$ 0
04.1000	1561+48.0	4.63	62.45	48.01	55.00	\$100*(0.1000/0.10)	\$ 100
04.2000	1566+76.0	4.57	63.12	52.51	58.00	\$ 40*(0.1000/0.10)	\$ 40
04.3000	1572+04.0	4.68	55.87	51.04	53.00	\$140*(0.1000/0.10)	\$ 140
04.4000	1577+32.0	4.76	53.12	43.28	48.00	\$240*(0.1000/0.10)	\$ 240
04.5000	1582+60.0	4.52	65.06	53.90	59.00	\$ 20*(0.1000/0.10)	\$ 20
04.6000	1587+88.0	4.71	53.85	49.50	52.00	\$160*(0.1000/0.10)	\$ 160
04.7000	1593+16.0	4.71	57.39	46.66	52.00	\$160*(0.1000/0.10)	\$ 160
04.8000	1598+44.0	4.74	49.56	50.18	50.00	\$200*(0.1000/0.10)	\$ 200
04.9000	1603+72.0	4.58	58.37	55.99	57.00	\$ 60*(0.1000/0.10)	\$ 60
05.0000	1609+00.0	4.79	48.26	42.67	45.00	\$300*(0.1000/0.10)	\$ 300
05.1000	1614+28.0	4.77	49.50	44.31	47.00	\$260*(0.1000/0.10)	\$ 260
05.2000	1619+56.0	4.78	51.49	42.23	47.00	\$260*(0.1000/0.10)	\$ 260
05.3000	1624+84.0	4.79	47.31	44.25	46.00	\$280*(0.1000/0.10)	\$ 280
05.4000	1630+12.0	4.70	57.95	48.00	53.00	\$140*(0.1000/0.10)	\$ 140
05.4335	1631+88.9	4.66	56.26	52.23	54.00	\$120*(0.0335/0.10)	\$ 40

Pay Adjustment Subtotal \$ 6780

Ave Left IRI 56 Ave Right IRI 52.2 Ave IRI 54.1

Total IRI adjustments \$ 6780
Total Bump adjustments -\$ 2000
Total adjustments \$ 4780

US 79
WILLIAMSON COUNTY
TOWN AND MAIN LANE
WESTBOUND RIGHT LANE
1345+00 TO 1058+00
QA
11-2-10

Hull Zellers, Inc.
NOV 02 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Tuesday Nov 2 2010 9:52:46AM

Input profile data file created Tuesday Nov 2 2010 9:52:30AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 146	Beg Station 1345+00.0
CSJ 0204-04-040	Lane roadbed L2
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\11-2-10\town section\us79qall-1-10_town_12a.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 5.4347 Length(Station Units) 0286+95.2ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.1555	1336+79.0	Bump	.5	.16	-\$ 500
00.1915	1334+89.0	Bump	.3	.15	-\$ 500
00.2848	1329+96.0	Bump	.5	.17	-\$ 500
00.2863	1329+88.5	Bump	.5	.17	-\$ 500
00.4678	1320+30.3	Dip	.5	-.16	-\$ 500
00.6699	1309+62.8	Bump	.3	.16	-\$ 500
00.8144	1302+00.0	Dip	4.5	-.27	-\$ 500

Bumps/dips detected 7 Bump Fines -\$ 3500

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile

Distance	Station	PSI	IRI (L)	IRI (R)	Avg IRI	Pay*SectLen	Pay
00.1000	1339+72.0	4.58	60.65	53.86	57.00	\$ 60*(0.1000/0.10)	\$ 60
00.2000	1334+44.0	3.91	88.13	85.54	87.00	-\$440*(0.1000/0.10)	-\$ 440
00.3000	1329+16.0	3.83	80.61	100.94	91.00	-\$520*(0.1000/0.10)	-\$ 520
00.4000	1323+88.0	4.51	55.93	64.51	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.5000	1318+60.0	3.96	72.61	96.56	85.00	-\$400*(0.1000/0.10)	-\$ 400
00.6000	1313+32.0	4.35	61.83	71.03	66.00	-\$ 20*(0.1000/0.10)	-\$ 20
00.7000	1308+04.0	4.25	67.02	74.36	71.00	-\$120*(0.1000/0.10)	-\$ 120
00.8000	1302+76.0	4.75	57.53	40.60	49.00	\$220*(0.1000/0.10)	\$ 220
00.9000	1297+48.0	4.39	66.15	63.70	65.00	\$ 0*(0.1000/0.10)	\$ 0

01.0000	1292+20.0	4.77	52.18	41.68	47.00	\$260*(0.1000/0.10)	\$ 260
01.1000	1286+92.0	4.64	58.65	51.24	55.00	\$100*(0.1000/0.10)	\$ 100
01.2000	1281+64.0	4.70	58.43	46.50	52.00	\$160*(0.1000/0.10)	\$ 160
01.3000	1276+36.0	4.72	52.91	49.04	51.00	\$180*(0.1000/0.10)	\$ 180
01.4000	1271+08.0	4.80	48.79	41.47	45.00	\$300*(0.1000/0.10)	\$ 300
01.5000	1265+80.0	4.74	56.59	43.22	50.00	\$200*(0.1000/0.10)	\$ 200
01.6000	1260+52.0	4.79	49.55	41.66	46.00	\$280*(0.1000/0.10)	\$ 280
01.7000	1255+24.0	4.70	59.46	45.45	52.00	\$160*(0.1000/0.10)	\$ 160
01.8000	1249+96.0	4.60	59.53	53.31	56.00	\$ 80*(0.1000/0.10)	\$ 80
01.9000	1244+68.0	4.30	73.13	64.63	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
02.0000	1239+40.0	4.68	57.23	49.73	53.00	\$140*(0.1000/0.10)	\$ 140
02.1000	1234+12.0	4.64	58.79	51.13	55.00	\$100*(0.1000/0.10)	\$ 100
02.2000	1228+84.0	4.69	58.95	47.42	53.00	\$140*(0.1000/0.10)	\$ 140
02.3000	1223+56.0	4.74	52.90	46.82	50.00	\$200*(0.1000/0.10)	\$ 200
02.4000	1218+28.0	4.76	50.38	46.44	48.00	\$240*(0.1000/0.10)	\$ 240
02.5000	1213+00.0	4.75	55.41	42.00	49.00	\$220*(0.1000/0.10)	\$ 220
02.6000	1207+72.0	4.82	48.97	38.75	44.00	\$320*(0.1000/0.10)	\$ 320
02.7000	1202+44.0	4.76	54.14	42.58	48.00	\$240*(0.1000/0.10)	\$ 240
02.8000	1197+16.0	4.73	54.98	46.00	50.00	\$200*(0.1000/0.10)	\$ 200
02.9000	1191+88.0	4.48	73.86	48.62	61.00	\$ 0*(0.1000/0.10)	\$ 0
03.0000	1186+60.0	4.68	62.50	44.66	54.00	\$120*(0.1000/0.10)	\$ 120
03.1000	1181+32.0	4.65	58.13	51.19	55.00	\$100*(0.1000/0.10)	\$ 100
03.2000	1176+04.0	4.59	61.29	52.75	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.3000	1170+76.0	4.56	64.64	51.24	58.00	\$ 40*(0.1000/0.10)	\$ 40
03.4000	1165+48.0	4.51	65.87	53.85	60.00	\$ 0*(0.1000/0.10)	\$ 0
03.5000	1160+20.0	4.66	60.50	47.88	54.00	\$120*(0.1000/0.10)	\$ 120
03.6000	1154+92.0	4.72	56.26	46.10	51.00	\$180*(0.1000/0.10)	\$ 180
03.7000	1149+64.0	4.48	66.07	56.12	61.00	\$ 0*(0.1000/0.10)	\$ 0
03.8000	1144+36.0	4.46	69.60	54.22	62.00	\$ 0*(0.1000/0.10)	\$ 0
03.9000	1139+08.0	4.67	57.53	50.37	54.00	\$120*(0.1000/0.10)	\$ 120
04.0000	1133+80.0	4.60	62.97	49.77	56.00	\$ 80*(0.1000/0.10)	\$ 80
04.1000	1128+52.0	4.73	48.49	51.86	50.00	\$200*(0.1000/0.10)	\$ 200
04.2000	1123+24.0	4.72	57.19	44.48	51.00	\$180*(0.1000/0.10)	\$ 180
04.3000	1117+96.0	4.76	52.73	42.58	48.00	\$240*(0.1000/0.10)	\$ 240
04.4000	1112+68.0	4.71	57.67	46.92	52.00	\$160*(0.1000/0.10)	\$ 160
04.5000	1107+40.0	4.69	59.24	47.40	53.00	\$140*(0.1000/0.10)	\$ 140
04.6000	1102+12.0	4.69	60.86	45.39	53.00	\$140*(0.1000/0.10)	\$ 140
04.7000	1096+84.0	4.67	60.81	47.02	54.00	\$120*(0.1000/0.10)	\$ 120
04.8000	1091+56.0	4.69	58.76	47.37	53.00	\$140*(0.1000/0.10)	\$ 140
04.9000	1086+28.0	4.48	64.41	57.77	61.00	\$ 0*(0.1000/0.10)	\$ 0
05.0000	1081+00.0	4.72	58.43	43.56	51.00	\$180*(0.1000/0.10)	\$ 180
05.1000	1075+72.0	4.64	62.87	47.50	55.00	\$100*(0.1000/0.10)	\$ 100
05.2000	1070+44.0	4.63	61.58	49.41	55.00	\$100*(0.1000/0.10)	\$ 100
05.3000	1065+16.0	4.71	54.42	49.80	52.00	\$160*(0.1000/0.10)	\$ 160
05.4000	1059+88.0	4.48	68.97	53.22	61.00	\$ 0*(0.1000/0.10)	\$ 0
05.4347	1058+04.8	4.45	70.91	53.74	62.00	\$ 0*(0.0347/0.10)	\$ 0

Pay Adjustment Subtotal \$ 4900

Ave Left IRI 60.4 Ave Right IRI 52.3 Ave IRI 56.35

Total IRI adjustments \$ 4900

Total Bump adjustments -\$ 3500

Total adjustments \$ 1400

US 79
WILLIAMSON COUNTY
WESTBOUND RIGHT LANE WEST TO SOUTH RAMP
1090+00 TO 1067+69

QA
11-2-10

Hult Zellers, Inc.
NOV 02 2010

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Tuesday Nov 2 2010 9:43:21AM

Input profile data file created Tuesday Nov 2 2010 9:35:25AM

District 14	Highway US0079
Area Office THRALL	Beg RM 0000 +00.000
County 146	Beg Station 1090+00.0
CSJ 0204-04-040	Lane roadbed L1
Phone 979-450-0741	Name DYNATEST
Input file c:\arspdata\hunter\us 79\11-2-10\us79gall-2-10_ramp_11.pro	
Comment	
Comment	

Bump penalty fine -\$500 each one.
Bumps tagged if greater or equal to 0.1505 inches.
Bonus paid for average IRIs of 30(\$600) to 60(\$0)
Penalty assessed for average IRIs of 65(\$0) to 95(-\$600)
Bonus paid in sections with bump.

Profile Length(Miles) 0.4224 Length(Station Units) 0022+30.3ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.3445	1071+81.0	Bump	.3	.18	-\$ 500

Bumps/dips detected 1 Bump Fines -\$ 500

*Notes: Bumps closer than 5 feet are not shown or counted.

Bump widths shown are not a true indication of the actual bump width but rather the portion of the bump exceeding 0.15 inches from the moving average of the profile

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SeotLen	Pay
00.1000	1084+72.0	4.47	57.93	65.15	62.00	\$ 0*(0.1000/0.10)	\$ 0
00.2000	1079+44.0	4.39	68.38	61.18	65.00	\$ 0*(0.1000/0.10)	\$ 0
00.3000	1074+16.0	4.29	75.50	62.96	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
00.4000	1068+88.0	4.16	72.14	78.01	75.00	-\$200*(0.1000/0.10)	-\$ 200
00.4224	1067+69.7	4.28	69.14	70.27	70.00	-\$100*(0.0224/0.10)	-\$ 22

Pay Adjustment Subtotal -\$ 302

Ave Left IRI 68.5 Ave Right IRI 67 Ave IRI 67.75

Total IRI adjustments -\$ 302

Total Bump adjustments -\$ 500

Total adjustments -\$ 802