

RECEIVED
 JUL 26 2011
 BY: PST

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 14

- 1. CONTRACTOR: J. C. Evans Construction
- 2. Change Order Work Limits: Sta. 1375+02 to Sta. 1587+45
- 3. Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)
- 4. Reasons: 3M (3 Max. - In order of importance - Primary first)

Project:	<u>08WC607</u>
Roadway:	<u>US 79</u> <u>Section 5B</u>
CSJ Number:	<u>0204-04-042</u>

5. Describe the work being revised:

3M: County Convenience. Other. This change order adjusts the amount of compensation to be paid to the contractor in proportion to the quality of the ride of the finished roadway as measured by an inertial profiler in accordance with Contract Item 585 "Ride Quality for Pavement Surfaces".

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

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

<p><i>The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time *, overhead and profit; or loss of compensation as a result of this change.</i></p> <p>THE CONTRACTOR Date <u>7-22-11</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Blake Covanaka</u></p> <p>Typed/Printed Title <u>P.M.</u></p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u></p> <p>Amount added by this change order: <u>(\$20,140.00)</u></p>
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RECOMMENDED FOR EXECUTION:

[Signature] P.E. 7/25/11
 Project Manager Date
 Construction Observer

 Design Engineer Date

[Signature] 7/26/2011
 Program Manager Date

Design Engineer's Seal:

N/A

County Commissioner Precinct 1 Date
 APPROVED REQUEST APPROVAL

County Commissioner Precinct 2 Date
 APPROVED REQUEST APPROVAL

County Commissioner Precinct 3 Date
 APPROVED REQUEST APPROVAL

County Commissioner Precinct 4 Date
 APPROVED REQUEST APPROVAL

[Signature] 08-07-11
 APPROVED County Judge Date

CHANGE ORDER REASON(S) CODE CHART

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

Williamson County Pass Through Financing

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

Change Order No. 14

Reason for Change

This Change Order provides a pay adjustment for the Ride Quality of the roadway pavement as required by Contract Item 585 RIDE QUALITY FOR PAVEMENT SURFACES. The pay adjustment is based on ride quality analyses completed with an inertial profiler (see attached back-up reports). This adjustment is made as it relates directly to the smoothness of the final pavement surface.

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

ITEM	DESCRIPTION	QTY	UNIT
585-2001	IRI RIDE QUALITY	1	LS

This Change Order results in a net decrease of \$20,140.00 to the Contract amount, for an adjusted total Contract amount of \$15,948,532.45. The original Contract amount was \$16,986,053.49. As a result of this and all Change Orders to date, \$1,037,521.04 has been deducted from the Contract, resulting in a 6.11% net decrease in the Contract Cost. No additional days will be added to the Contract as a result of this Change Order.

Hultt~Zollars, Inc.

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

US 79 QA

Eastbound Inside Lane

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Jul 2 2010 11:30:48AM

Input profile data file created Friday Jul 2 2010 11:24:54AM

Hultz Zollars, Inc.

JUL 02 2010

District 14

Area Office N. Travis

County 246

CSJ 0204-02-042

Phone 512-858-2993

Input file c:\program files\dynatest\rspwin\data\apac-tx--wheeler\us 79\2010-07-02 us

79 qa\us79ebr2.pro

Comment

Comment

Highway US79E

Beg RM 0000+00.000

Beg Station 1376+25.0

Lane roadbed R2

Name PaveTex

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) 4.0325 Length(Station Units) 0212+91.6ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	1381+53.0	4.44	63.35	62.15	63.00	\$ 0*(0.1000/0.10)	\$ 0
00.2000	1386+81.0	4.54	58.38	59.30	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.3000	1392+09.0	4.43	59.68	66.63	63.00	\$ 0*(0.1000/0.10)	\$ 0
00.4000	1397+37.0	4.54	58.66	58.91	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.5000	1402+65.0	4.50	62.13	58.95	61.00	\$ 0*(0.1000/0.10)	\$ 0
00.6000	1407+93.0	4.37	66.01	65.58	66.00	-\$ 20*(0.1000/0.10)	-\$ 20
00.7000	1413+21.0	4.32	60.34	75.40	68.00	-\$ 60*(0.1000/0.10)	-\$ 60
00.8000	1418+49.0	4.59	54.87	58.83	57.00	\$ 60*(0.1000/0.10)	\$ 60
00.9000	1423+77.0	4.51	62.10	58.25	60.00	\$ 0*(0.1000/0.10)	\$ 0
01.0000	1429+05.0	4.35	68.08	65.10	67.00	-\$ 40*(0.1000/0.10)	-\$ 40
01.1000	1434+33.0	4.59	54.07	59.71	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.2000	1439+61.0	4.33	63.22	71.19	67.00	-\$ 40*(0.1000/0.10)	-\$ 40
01.3000	1444+89.0	4.44	60.76	64.57	63.00	\$ 0*(0.1000/0.10)	\$ 0
01.4000	1450+17.0	4.50	58.98	61.75	60.00	\$ 0*(0.1000/0.10)	\$ 0
01.5000	1455+45.0	4.58	56.52	57.90	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.6000	1460+73.0	4.33	67.16	67.31	67.00	-\$ 40*(0.1000/0.10)	-\$ 40
01.7000	1466+01.0	4.59	56.36	57.63	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.8000	1471+29.0	4.48	57.16	64.97	61.00	\$ 0*(0.1000/0.10)	\$ 0
01.9000	1476+57.0	4.49	63.71	58.15	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.0000	1481+85.0	4.56	61.79	54.02	58.00	\$ 40*(0.1000/0.10)	\$ 40
02.1000	1487+13.0	4.41	60.29	67.46	64.00	\$ 0*(0.1000/0.10)	\$ 0
02.2000	1492+41.0	4.49	53.82	67.50	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.3000	1497+69.0	4.53	60.23	58.46	59.00	\$ 20*(0.1000/0.10)	\$ 20
02.4000	1502+97.0	4.48	61.75	60.46	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.5000	1508+25.0	4.58	58.73	55.56	57.00	\$ 60*(0.1000/0.10)	\$ 60
02.6000	1513+53.0	4.49	61.49	59.87	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.7000	1518+81.0	4.74	46.78	52.41	50.00	\$200*(0.1000/0.10)	\$ 200
02.8000	1524+09.0	4.70	50.21	54.67	52.00	\$160*(0.1000/0.10)	\$ 160
02.9000	1529+37.0	4.53	55.23	63.41	59.00	\$ 20*(0.1000/0.10)	\$ 20
03.0000	1534+65.0	4.29	69.03	69.47	69.00	-\$ 80*(0.1000/0.10)	-\$ 80

03.1000	1539+93.0	4.50	60.47	60.08	60.00	\$ 0*(0.1000/0.10)	\$ 0
03.2000	1545+21.0	4.58	61.63	52.83	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.3000	1550+49.0	4.43	64.28	62.58	63.00	\$ 0*(0.1000/0.10)	\$ 0
03.4000	1555+77.0	4.32	70.22	65.62	68.00	-\$ 60*(0.1000/0.10)	-\$ 60
03.5000	1561+05.0	4.52	58.49	60.77	60.00	\$ 0*(0.1000/0.10)	\$ 0
03.6000	1566+33.0	4.71	53.49	51.25	52.00	\$160*(0.1000/0.10)	\$ 160
03.7000	1571+61.0	4.43	62.09	64.66	63.00	\$ 0*(0.1000/0.10)	\$ 0
03.8000	1576+89.0	4.49	64.14	57.61	61.00	\$ 0*(0.1000/0.10)	\$ 0
03.9000	1582+17.0	4.12	76.85	76.76	77.00	-\$240*(0.1000/0.10)	-\$ 240
04.0000	1587+45.0	4.45	58.54	65.99	62.00	\$ 0*(0.1000/0.10)	\$ 0
04.0325	1589+16.6	4.51	56.42	63.34	60.00	\$ 0*(0.0325/0.10)	\$ 0
Pay Adjustment Subtotal							\$ 420

Ave Left IRI 60.5 Ave Right IRI 61.9 Ave IRI 61.2

Total IRI adjustments \$ 420

Total Bump adjustments \$ 0

Total adjustments \$ 420

Huitt Zollars, Inc.

JUL 02 2010

US 79 QA

Eastbound Outside Lane

Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1

Report run on Friday Jul 2 2010 11:30:15AM

Input profile data file created Friday Jul 2 2010 11:24:44AM

Hubb Zoltars, Inc

JUL 02 2010

District 14 Highway US79E
 Area Office N. Travis Beg RM 0000+00.000
 County 246 Beg Station 1376+25.0
 CSJ 0204-02-042 Lane roadbed R1
 Phone 512-858-2993 Name PaveTex
 Input file c:\program files\dynatest\rspwin\data\apac- tx-- wheeler\us 79\2010-07-02 us
 79 qa\us79ebr1.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) 4.0353 Length(Station Units) 0213+06.4ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
03.3896	1555+22.3	Dip	.3	-.15	-\$ 500
03.6314	1567+99.0	Dip	.3	-.16	-\$ 500
03.7333	1573+36.8	Dip	.8	-.17	-\$ 500

Bumps/dips detected 3 Bump Fines -\$ 1500

*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	1381+53.0	4.54	58.57	58.93	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.2000	1386+81.0	4.58	58.56	55.85	57.00	\$ 60*(0.1000/0.10)	\$ 60
00.3000	1392+09.0	4.47	54.15	69.27	62.00	\$ 0*(0.1000/0.10)	\$ 0
00.4000	1397+37.0	4.63	53.89	56.66	55.00	\$100*(0.1000/0.10)	\$ 100
00.5000	1402+65.0	4.65	51.73	57.49	55.00	\$100*(0.1000/0.10)	\$ 100
00.6000	1407+93.0	4.71	51.65	52.94	52.00	\$160*(0.1000/0.10)	\$ 160
00.7000	1413+21.0	4.71	53.94	49.38	52.00	\$160*(0.1000/0.10)	\$ 160
00.8000	1418+49.0	4.73	48.14	53.39	51.00	\$180*(0.1000/0.10)	\$ 180
00.9000	1423+77.0	4.62	56.83	55.10	56.00	\$ 80*(0.1000/0.10)	\$ 80
01.0000	1429+05.0	4.71	53.00	50.68	52.00	\$160*(0.1000/0.10)	\$ 160
01.1000	1434+33.0	4.72	49.63	53.13	51.00	\$180*(0.1000/0.10)	\$ 180
01.2000	1439+61.0	4.67	54.70	53.13	54.00	\$120*(0.1000/0.10)	\$ 120
01.3000	1444+89.0	4.72	51.40	51.23	51.00	\$180*(0.1000/0.10)	\$ 180
01.4000	1450+17.0	4.58	61.43	53.15	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.5000	1455+45.0	4.72	53.50	48.66	51.00	\$180*(0.1000/0.10)	\$ 180
01.6000	1460+73.0	4.55	57.21	59.67	58.00	\$ 40*(0.1000/0.10)	\$ 40
01.7000	1466+01.0	4.66	54.60	54.03	54.00	\$120*(0.1000/0.10)	\$ 120
01.8000	1471+29.0	4.62	58.00	53.22	56.00	\$ 80*(0.1000/0.10)	\$ 80
01.9000	1476+57.0	4.66	56.51	51.99	54.00	\$120*(0.1000/0.10)	\$ 120
02.0000	1481+85.0	4.62	53.19	58.09	56.00	\$ 80*(0.1000/0.10)	\$ 80
02.1000	1487+13.0	4.57	57.30	58.03	58.00	\$ 40*(0.1000/0.10)	\$ 40

02.2000	1492+41.0	4.48	63.99	58.33	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.3000	1497+69.0	4.60	57.43	55.90	57.00	\$ 60*(0.1000/0.10)	\$ 60
02.4000	1502+97.0	4.66	56.67	51.73	54.00	\$120*(0.1000/0.10)	\$ 120
02.5000	1508+25.0	4.70	54.25	51.31	53.00	\$140*(0.1000/0.10)	\$ 140
02.6000	1513+53.0	4.50	60.65	60.24	60.00	\$ 0*(0.1000/0.10)	\$ 0
02.7000	1518+81.0	4.43	64.46	61.77	63.00	\$ 0*(0.1000/0.10)	\$ 0
02.8000	1524+09.0	4.68	51.24	56.03	54.00	\$120*(0.1000/0.10)	\$ 120
02.9000	1529+37.0	4.65	49.42	60.09	55.00	\$100*(0.1000/0.10)	\$ 100
03.0000	1534+65.0	4.24	65.78	76.41	71.00	-\$120*(0.1000/0.10)	-\$ 120
03.1000	1539+93.0	4.46	59.50	64.15	62.00	\$ 0*(0.1000/0.10)	\$ 0
03.2000	1545+21.0	4.63	52.10	58.38	55.00	\$100*(0.1000/0.10)	\$ 100
03.3000	1550+49.0	4.67	55.46	52.50	54.00	\$120*(0.1000/0.10)	\$ 120
03.4000	1555+77.0	4.23	68.60	74.76	72.00	-\$140*(0.1000/0.10)	-\$ 140
03.5000	1561+05.0	4.38	63.25	67.43	65.00	\$ 0*(0.1000/0.10)	\$ 0
03.6000	1566+33.0	4.60	53.15	60.10	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.7000	1571+61.0	4.40	61.10	67.57	64.00	\$ 0*(0.1000/0.10)	\$ 0
03.8000	1576+89.0	4.06	69.99	89.46	80.00	-\$300*(0.1000/0.10)	-\$ 300
03.9000	1582+17.0	4.09	76.66	79.96	78.00	-\$260*(0.1000/0.10)	-\$ 260
04.0000	1587+45.0	4.46	64.78	59.04	62.00	\$ 0*(0.1000/0.10)	\$ 0
04.0353	1589+31.4	4.45	66.11	58.88	62.00	\$ 0*(0.0353/0.10)	\$ 0

Pay Adjustment Subtotal \$ 2220

Ave Left IRI 57.5 Ave Right IRI 59 Ave IRI 58.25

Total IRI adjustments \$ 2220

Total Bump adjustments -\$ 1500

Total adjustments \$ 720

Hitt Zollars, Inc.

JUL 02 2010

Huite Zollars, Inc.
AUG 02 2010

US 79 QA
Westbound Inside Lane
Ride Quality Analysis Rel 2008.11.11

TxDOT Smoothness Specification 585 Pay Schedule 1
Report run on Monday Aug 2 2010 12:09:16PM
Input profile data file created Monday Aug 2 2010 12:06:26PM

District 14 Highway US79W
Area Office Georgetown Beg RM 0000+00.000
County 246 Beg Station 1587+55.0
CSJ 2402-02-042 Lane roadbed L2
Phone 512-858-2993 Name PaveTex
Input file c:\program files\dynatest\rspwin\data\apac- tx-- wheeler\us 79\2010-08-02 us
79 qa\us79wbl2.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) 4.0028 Length(Station Units) 0211+34.8ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.0422	1585+32.0	Dip	.5	-.18	-\$ 500
00.0478	1585+02.8	Bump	.3	.15	-\$ 500
00.0987	1582+34.0	Dip	.3	-.17	-\$ 500
00.1452	1579+88.5	Bump	.3	.16	-\$ 500
00.3442	1569+37.5	Dip	.8	-.19	-\$ 500
01.1243	1528+18.5	Bump	.3	.16	-\$ 500
01.4752	1509+65.8	Dip	.3	-.16	-\$ 500
03.3741	1409+40.0	Bump	.3	.16	-\$ 500
03.3943	1408+33.3	Dip	.3	-.15	-\$ 500

Bumps/dips detected 9 Bump Fines -\$ 4500

*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	1582+27.0	3.90	87.39	87.63	88.00	-\$460*(0.1000/0.10)	-\$ 460
00.2000	1576+99.0	3.80	98.62	86.41	93.00	-\$560*(0.1000/0.10)	-\$ 560
00.3000	1571+71.0	3.75	107.33	82.66	95.00	-\$600*(0.1000/0.10)	-\$ 600
00.4000	1566+43.0	3.60	105.15	101.30	103.00	-\$	Corrective Work
00.5000	1561+15.0	4.55	58.24	58.95	59.00	\$ 20*(0.1000/0.10)	\$ 20
00.6000	1555+87.0	4.45	63.49	61.39	62.00	\$ 0*(0.1000/0.10)	\$ 0
00.7000	1550+59.0	4.13	68.23	84.47	76.00	-\$220*(0.1000/0.10)	-\$ 220
00.8000	1545+31.0	4.30	66.30	71.30	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
00.9000	1540+03.0	4.38	69.77	60.95	65.00	\$ 0*(0.1000/0.10)	\$ 0
01.0000	1534+75.0	4.27	69.60	70.50	70.00	-\$100*(0.1000/0.10)	-\$ 100
01.1000	1529+47.0	4.25	66.56	74.84	71.00	-\$120*(0.1000/0.10)	-\$ 120
01.2000	1524+19.0	4.16	72.11	77.66	75.00	-\$200*(0.1000/0.10)	-\$ 200
01.3000	1518+91.0	4.18	74.47	73.40	74.00	-\$180*(0.1000/0.10)	-\$ 180
01.4000	1513+63.0	4.57	54.00	61.14	58.00	\$ 40*(0.1000/0.10)	\$ 40
01.5000	1508+35.0	4.07	72.36	85.80	79.00	-\$280*(0.1000/0.10)	-\$ 280

← -\$3,000

01.6000	1503+07.0	4.31	73.26	63.28	68.00	-\$ 60*(0.1000/0.10)	-\$ 60
01.7000	1497+79.0	4.59	56.34	57.26	57.00	\$ 60*(0.1000/0.10)	\$ 60
01.8000	1492+51.0	4.49	57.79	63.54	61.00	\$ 0*(0.1000/0.10)	\$ 0
01.9000	1487+23.0	4.59	56.54	57.22	57.00	\$ 60*(0.1000/0.10)	\$ 60
02.0000	1481+95.0	4.23	71.86	71.91	72.00	-\$140*(0.1000/0.10)	-\$ 140
02.1000	1476+67.0	4.48	64.33	58.08	61.00	\$ 0*(0.1000/0.10)	\$ 0
02.2000	1471+39.0	4.36	64.66	67.86	66.00	-\$ 20*(0.1000/0.10)	-\$ 20
02.3000	1466+11.0	4.53	57.79	60.90	59.00	\$ 20*(0.1000/0.10)	\$ 20
02.4000	1460+83.0	4.33	60.14	74.35	67.00	-\$ 40*(0.1000/0.10)	-\$ 40
02.5000	1455+55.0	4.54	56.62	61.04	59.00	\$ 20*(0.1000/0.10)	\$ 20
02.6000	1450+27.0	4.55	57.11	60.03	59.00	\$ 20*(0.1000/0.10)	\$ 20
02.7000	1444+99.0	4.43	61.82	64.84	63.00	\$ 0*(0.1000/0.10)	\$ 0
02.8000	1439+71.0	4.44	67.70	58.03	63.00	\$ 0*(0.1000/0.10)	\$ 0
02.9000	1434+43.0	4.61	54.26	58.28	56.00	\$ 80*(0.1000/0.10)	\$ 80
03.0000	1429+15.0	4.48	62.43	59.80	61.00	\$ 0*(0.1000/0.10)	\$ 0
03.1000	1423+87.0	4.71	47.76	56.38	52.00	\$160*(0.1000/0.10)	\$ 160
03.2000	1418+59.0	4.69	49.47	57.22	53.00	\$140*(0.1000/0.10)	\$ 140
03.3000	1413+31.0	4.51	53.27	66.52	60.00	\$ 0*(0.1000/0.10)	\$ 0
03.4000	1408+03.0	4.30	68.01	69.72	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
03.5000	1402+75.0	4.63	56.54	53.98	55.00	\$100*(0.1000/0.10)	\$ 100
03.6000	1397+47.0	4.67	54.01	54.04	54.00	\$120*(0.1000/0.10)	\$ 120
03.7000	1392+19.0	4.59	58.95	55.10	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.8000	1386+91.0	4.29	70.33	67.71	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
03.9000	1381+63.0	4.57	53.96	61.38	58.00	\$ 40*(0.1000/0.10)	\$ 40
04.0000	1376+35.0	4.62	56.92	54.53	56.00	\$ 80*(0.1000/0.10)	\$ 80
Pay Adjustment Subtotal							-\$ 2200

Ave Left IRI 65.6 Ave Right IRI 66.8 Ave IRI 66.2

Total IRI adjustments -\$ 2200

Total Bump adjustments -\$ 4500

Total adjustments -\$ 6700

- \$ 3000

- \$ 9,700

US 79 QA
 Westbound Outside Lane
 Ride Quality Analysis Rel 2008.11.11
 TxDOT Smoothness Specification 585 Pay Schedule 1
 Report run on Monday Aug 2 2010 12:08:36PM
 Input profile data file created Monday Aug 2 2010 12:06:15PM

Hult? Zollars, Inc.
 AUG 02 2010

District 14 Highway US79W
 Area Office Georgetown Beg RM 0000+00.000
 County 246 Beg Station 1587+55.0
 CSJ 2402-02-042 Lane roadbed L1
 Phone 512-858-2993 Name PaveTex
 Input file c:\program files\dynatest\rspwin\data\apac- tx-- wheeler\us 79\2010-08-02 us
 79 qa\us79wb11.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) 4.0056 Length(Station Units) 0211+49.6ft.

Distance	Station	Type	Width(feet)	Elev(inches)	Penalty
00.5977	1555+99.3	Bump	.3	.15	-\$ 500
00.5998	1555+88.0	Dip	.3	-.15	-\$ 500
00.6018	1555+77.8	Bump	1.0	.17	-\$ 500
00.6030	1555+71.0	Bump	.3	.15	-\$ 500
00.6051	1555+60.3	Dip	.3	-.16	-\$ 500
01.0777	1530+65.0	Dip	.3	-.16	-\$ 500
01.1128	1528+79.3	Dip	.3	-.16	-\$ 500
01.2291	1522+65.3	Dip	.3	-.16	-\$ 500
01.2333	1522+43.0	Bump	.8	.17	-\$ 500

Bumps/dips detected 9 Bump Fines -\$ 4500

*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	1582+27.0	3.95	78.59	91.21	85.00	-\$400*(0.1000/0.10)	-\$ 400
00.2000	1576+99.0	3.73	85.86	106.44	96.00	-\$	Corrective Work
00.3000	1571+71.0	3.87	73.52	104.59	89.00	-\$480*(0.1000/0.10)	-\$ 480
00.4000	1566+43.0	3.82	94.47	88.26	91.00	-\$520*(0.1000/0.10)	-\$ 520
00.5000	1561+15.0	4.40	63.85	65.17	65.00	\$ 0*(0.1000/0.10)	\$ 0
00.6000	1555+87.0	4.38	66.64	64.09	65.00	\$ 0*(0.1000/0.10)	\$ 0
00.7000	1550+59.0	3.96	83.60	85.58	85.00	-\$400*(0.1000/0.10)	-\$ 400
00.8000	1545+31.0	4.18	68.51	79.10	74.00	-\$180*(0.1000/0.10)	-\$ 180
00.9000	1540+03.0	4.44	61.56	64.32	63.00	\$ 0*(0.1000/0.10)	\$ 0
01.0000	1534+75.0	4.13	81.85	71.02	76.00	-\$220*(0.1000/0.10)	-\$ 220
01.1000	1529+47.0	4.21	72.46	73.03	73.00	-\$160*(0.1000/0.10)	-\$ 160
01.2000	1524+19.0	4.01	79.28	84.38	82.00	-\$340*(0.1000/0.10)	-\$ 340
01.3000	1518+91.0	4.01	85.64	78.44	82.00	-\$340*(0.1000/0.10)	-\$ 340
01.4000	1513+63.0	4.44	62.13	63.66	63.00	\$ 0*(0.1000/0.10)	\$ 0
01.5000	1508+35.0	4.23	75.28	67.99	72.00	-\$140*(0.1000/0.10)	-\$ 140

-\$ 3,000

01.6000	1503+07.0	4.38	62.37	68.40	65.00	\$ 0*(0.1000/0.10)	\$ 0
01.7000	1497+79.0	4.71	53.50	49.71	52.00	\$160*(0.1000/0.10)	\$ 160
01.8000	1492+51.0	4.31	76.28	60.02	68.00	-\$ 60*(0.1000/0.10)	-\$ 60
01.9000	1487+23.0	4.11	87.50	67.16	77.00	-\$240*(0.1000/0.10)	-\$ 240
02.0000	1481+95.0	4.51	62.31	58.12	60.00	\$ 0*(0.1000/0.10)	\$ 0
02.1000	1476+67.0	4.65	52.50	56.47	54.00	\$120*(0.1000/0.10)	\$ 120
02.2000	1471+39.0	4.28	71.68	67.63	70.00	-\$100*(0.1000/0.10)	-\$ 100
02.3000	1466+11.0	4.38	67.02	63.58	65.00	\$ 0*(0.1000/0.10)	\$ 0
02.4000	1460+83.0	4.51	61.27	58.48	60.00	\$ 0*(0.1000/0.10)	\$ 0
02.5000	1455+55.0	4.43	60.10	66.45	63.00	\$ 0*(0.1000/0.10)	\$ 0
02.6000	1450+27.0	4.27	72.46	67.33	70.00	-\$100*(0.1000/0.10)	-\$ 100
02.7000	1444+99.0	4.28	71.05	68.07	70.00	-\$100*(0.1000/0.10)	-\$ 100
02.8000	1439+71.0	4.16	75.30	74.43	75.00	-\$200*(0.1000/0.10)	-\$ 200
02.9000	1434+43.0	4.59	57.63	55.91	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.0000	1429+15.0	4.26	72.66	68.32	70.00	-\$100*(0.1000/0.10)	-\$ 100
03.1000	1423+87.0	4.17	79.03	69.79	74.00	-\$180*(0.1000/0.10)	-\$ 180
03.2000	1418+59.0	4.39	61.68	67.98	65.00	\$ 0*(0.1000/0.10)	\$ 0
03.3000	1413+31.0	4.41	70.35	58.05	64.00	\$ 0*(0.1000/0.10)	\$ 0
03.4000	1408+03.0	4.44	64.03	61.49	63.00	\$ 0*(0.1000/0.10)	\$ 0
03.5000	1402+75.0	4.53	56.62	62.22	59.00	\$ 20*(0.1000/0.10)	\$ 20
03.6000	1397+47.0	4.30	68.38	68.63	69.00	-\$ 80*(0.1000/0.10)	-\$ 80
03.7000	1392+19.0	4.45	62.79	62.21	62.00	\$ 0*(0.1000/0.10)	\$ 0
03.8000	1386+91.0	4.58	55.68	58.97	57.00	\$ 60*(0.1000/0.10)	\$ 60
03.9000	1381+63.0	4.27	69.96	69.72	70.00	-\$100*(0.1000/0.10)	-\$ 100
04.0000	1376+35.0	4.33	68.51	66.67	68.00	-\$ 60*(0.1000/0.10)	-\$ 60

Pay Adjustment Subtotal -\$ 4080

Ave Left IRI 69.8 Ave Right IRI 69.6 Ave IRI 69.7

Total IRI adjustments -\$ 4080

Total Bump adjustments -\$ 4500

Total adjustments -\$ 8580

-\$ 3000

-\$ 11,580