

CHANGE ORDER FORM
CHANGE ORDER NUMBER _____ **02** _____

PROJECT: FM 2348: The construction of a new location non-freeway facility, consisting of grading, structures, base, surfacing, signals and pavement markings from US 67 at FM 1001, South to SH 49

CONTRACTOR: H. H. Howard & Sons, Inc.

Contractor is directed to make the following changes to the Contract Documents.

DESCRIPTION OF CHANGES: Final Project Quantity Reconciliation; US 67 Storm Sewer Adjustments; Soil Stabilization; Seeding; Removing Concrete Pavement; Asphalt QC/QA Bonus; Ride Quality Bonus; Replace Damaged Sign; Sign Post for Wireless Magnetometer System; Fog Seal and Re-stripe for US 67

ATTACHMENTS: See List of Attachments Page

CHANGE IN CONTRACT PRICE

1. Original Price:	<u>\$8,512,733.79</u>
2. Total of Prior Change Orders:	<u>\$0.00</u>
3. Total Price Prior to Current Change Order:	<u>\$8,512,733.79</u>
4. Total of Current Change Order:	<u>\$8,225.98</u>
5. New Price Resulting from Current Change Order:	<u>\$8,520,959.77</u>

CHANGE IN CONTRACT TIME

Original Time:	<u>383</u> DAYS
Total of Prior Change Orders:	<u>0</u> DAYS
Total Time Prior to Current Change Order:	<u>383</u> DAYS
Total of Current Change Order:	<u>0</u> DAYS
New Time Resulting from Current Change Order:	<u>383</u> DAYS

AGREED BY:

Contractor: _____
(Signature) (Date)

PTP Transportation LLC: _____
(Signature) (Date)

APPROVED BY:

Titus County: _____
(Signature) (Date)

Texas Department of Transportation: _____
(Signature) (Date)

Federal Highway Administration: _____
(Signature) (Date)

COST REPORT

Item Number		Description	Unit	Unit Price	Authorized Quantity To Date	Change Order Quantity	Revised Quantity	Change Order Cost
Item	Desc.							
Change Order 02 - Existing Items								
104	2017	REMOVING CONC (DRIVEWAYS)	SY	\$5.00	214.00	-11.54	202.46	\$ (57.70)
150	2002	BLADING	HR	\$100.00	20.00	-20.00	0.00	\$ (2,000.00)
162	2005	MULCH SODDING	CY	\$4.75	38,870.00	-66.61	38,803.39	\$ (316.40)
164	2013	STRAW OR HAY MLCH SEED (PERM) (RURAL) (SANDY)	SY	\$0.18	318,515.00	-83,958.44	234,556.56	\$ (15,112.52)
164	2047	STRAW OR HAY MULCH SEED (TEMP)(WARM)	SY	\$0.17	159,258.00	-159,258.00	0.00	\$ (27,073.86)
164	2049	STRAW OR HAY MULCH SEED (TEMP)(COOL)	SY	\$0.16	159,258.00	-154,455.77	4,802.23	\$ (24,712.92)
168	2001	VEGETATIVE WATERING	MG	\$3.00	5,672.00	-5,395.28	276.72	\$ (16,185.84)
169	2001	RETENTION BLANKETS (CL I)(TY A)	SY	\$0.70	53,945.00	-53,945.00	0.00	\$ (37,761.50)
251	2035	REWORK BS MTL (TY D) (6") (DENS CONT)	SY	\$1.50	1,250.00	-1.50	1,248.50	\$ (2.25)
265	9998	FLY ASH (CLASS FS OR CS)	TON	\$40.00	2,616.00	124.17	2,740.17	\$ 4,966.80
265	9999	LFA TREAT SUBGRADE (10")	SY	\$2.50	37,280.00	-496.40	36,783.60	\$ (1,241.00)
265	2016	LFA TREAT SUBGRADE (8")	SY	\$2.50	84,860.00	23.03	84,883.03	\$ 57.58
265	2002	LIME (HYDRATED (SLURRY)	TON	\$160.00	1,309.00	36.04	1,345.04	\$ 5,766.40
305	2032	SALV HAUL & STKPL RCL APH PV (6")	SY	\$1.70	36,458.00	-346.00	36,112.00	\$ (588.20)
310	2001	PRIME COAT (MC - 30)	GAL	\$4.50	30,336.00	-5,136.00	25,200.00	\$ (23,112.00)
316	2221	AGGR (TY - PB GR - 3 SAC - B)	CY	\$80.00	1,115.00	-163.00	952.00	\$ (13,040.00)
316	2125	AGGR (TY - PB GR - 4 SAC - A)	CY	\$80.00	678.00	393.00	1,071.00	\$ 31,440.00
316	9999	ASPH (AC - 20 - STR OR CRS-2P)	GAL	\$4.00	20,327.00	17,593.00	37,920.00	\$ 70,372.00
316	2002	ASPH (AC - 10)	GAL	\$4.00	35,101.00	-8,931.00	26,170.00	\$ (35,724.00)
401	2001	FLOWABLE BACKFILL	CY	\$100.00	776.00	-112.22	663.78	\$ (11,222.00)
402	2001	TRENCH EXCAVATION PROTECTION	LF	\$1.00	2,742.00	-746.00	1,996.00	\$ (746.00)
428	2001	CONC SURF TREAT (CLASS I)	SY	\$2.00	1,967.00	-1,967.00	0.00	\$ (3,934.00)
432	2072	RIPRAP (CONC)(CL B)(RR8 & RR9)	CY	\$282.00	12.00	-1.47	10.53	\$ (414.54)
432	2039	RIPRAP (MOW STRIP) (4 IN)	CY	\$275.00	66.40	6.70	73.10	\$ 1,842.50
432	2021	RIPRAP (STONE PROTECTION) (18 IN)	CY	\$91.00	3,434.00	-414.66	3,019.34	\$ (37,734.06)
432	2085	RIPRAP (CONC)(CL B) (6 IN)	CY	\$282.00	108.80	10.24	119.04	\$ 2,887.68
464	2003	RC PIPE (CL III) (18 IN)	LF	\$25.00	1,301.00	-154.00	1,147.00	\$ (3,850.00)
464	2005	RC PIPE (CL III) (24 IN)	LF	\$30.00	1,355.00	406.00	1,761.00	\$ 12,180.00
464	2012	RC PIPE (CL III) (54 IN)	LF	\$120.00	128.00	30.00	158.00	\$ 3,600.00

Item Number		Description	Unit	Unit Price	Authorized Quantity To Date	Change Order Quantity	Revised Quantity	Change Order Cost
Item	Desc.							
464	2011	RC PIPE (CL III) (48 IN)	LF	\$85.00	114.00	130.00	244.00	\$ 11,050.00
464	2010	RC PIPE (CL III) (42 IN)	LF	\$70.00	313.00	416.00	729.00	\$ 29,120.00
464	2009	RC PIPE (CL III) (36 IN)	LF	\$55.00	679.00	-316.00	363.00	\$ (17,380.00)
464	2007	RC PIPE (CL III) (30 IN)	LF	\$40.00	41.00	280.00	321.00	\$ 11,200.00
465	2006	MANH (COMPL) (JUNCT BOX) (TY M)	EA	\$2,750.00	3.00	5.00	8.00	\$ 13,750.00
467	2286	SET (TY II) (18 IN) (RCP) (6:1) (P)	EA	\$500.00	35.00	-3.00	32.00	\$ (1,500.00)
467	2288	SET (TY II) (24 IN) (RCP) (6:1) (P)	EA	\$750.00	15.00	2.00	17.00	\$ 1,500.00
467	2234	SET (TY II) (18 IN) (RCP) (6:1) (C)	EA	\$500.00	2.00	4.00	6.00	\$ 2,000.00
467	2236	SET (TY II) (24 IN) (RCP) (6:1) (C)	EA	\$750.00	3.00	4.00	7.00	\$ 3,000.00
467	2438	SET (TY II) (42 IN) (RCP) (3:1) (P)	EA	\$2,500.00	1.00	-1.00	0.00	\$ (2,500.00)
502	2001	BARRICADES, SIGNS AND TRAF HANDLE	MO	\$2,700.00	18.00	2.00	20.00	\$ 5,400.00
506	2016	CONSTRUCTION EXITS (INSTALL) (TY 1)	SY	\$15.85	156.00	-156.00	0.00	\$ (2,472.60)
506	2019	CONSTRUCTION EXITS (REMOVE)	SY	\$4.30	156.00	-156.00	0.00	\$ (670.80)
506	2009	ROCK FILTER DAMS (REMOVE)	LF	\$5.39	2,530.00	-1,090.00	1,440.00	\$ (5,875.10)
506	2001	ROCK FILTER DAMS (INSTALL)(TY 1)	LF	\$17.00	2,530.00	-1,090.00	1,440.00	\$ (18,530.00)
506	2034	TEMPORARY SEDIMENT CONTROL FENCE	LF	\$1.47	6,756.00	-645.00	6,111.00	\$ (948.15)
506	9999	TEMP CURB INLET SEDIMENT TRAP(REMOVE)	LF	\$2.44	720.00	-720.00	0.00	\$ (1,756.80)
506	2040	TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	\$0.43	6,756.00	-645.00	6,111.00	\$ (277.35)
506	9997	EARTHWORK (ERSN & SEDM CONT)	HR	\$200.00	70.00	-58.00	12.00	\$ (11,600.00)
506	9998	TEMP CURB INLET SEDIMENT TRAP	LF	\$4.46	720.00	-720.00	0.00	\$ (3,211.20)
508	9999	CONSTRUCTING DETOURS (WORK ROAD)	SY	\$33.50	1,807.00	-614.11	1,192.89	\$ (20,572.69)
529	9998	CONC CURB & GUTTER (TY II)(8")	LF	\$16.50	6,782.00	904.00	7,686.00	\$ 14,916.00
529	9999	CONC CURB & GUTTER (TY II)(6")	LF	\$20.00	280.00	-280.00	0.00	\$ (5,600.00)
530	2005	INTERSECTION (ACP)	SY	\$48.00	1,050.00	4.87	1,054.87	\$ 233.76
530	2006	INTERSECTION (SURFACE TREAT)	SY	\$23.00	6,633.00	-115.59	6,517.41	\$ (2,658.57)
530	2010	DRIVEWAYS (CONC)	SY	\$50.00	209.00	37.35	246.35	\$ 1,867.50
530	2011	DRIVEWAYS (ACP)	SY	\$45.00	909.00	-61.43	847.57	\$ (2,764.35)
530	2012	DRIVEWAYS (SURF TREAT)	SY	\$10.50	6,551.00	-937.16	5,613.84	\$ (9,840.18)
536	2002	CONC MEDIAN	SY	\$55.00	302.00	-302.00	0.00	\$ (16,610.00)
540	2001	MTL W - BEAM GD FEN (TIM POST)	LF	\$20.00	1,088.00	-75.50	1,012.50	\$ (1,510.00)
542	2001	REMOVE MBGF	LF	\$2.00	288.00	-10.00	278.00	\$ (20.00)

Item Number		Description	Unit	Unit Price	Authorized Quantity To Date	Change Order Quantity	Revised Quantity	Change Order Cost
Item	Desc.							
560	2004	MAILBOX INSTALL - S (WC - POST) TY 3 FND	EA	\$130.00	5.00	1.00	6.00	\$ 130.00
560	2005	MAILBOX INSTALL - D (WC - POST) TY 3 FND	EA	\$150.00	5.00	-3.00	2.00	\$ (450.00)
560	2024	MAILBOX INSTALL - M (TWG - POST) TY 2 FND	EA	\$290.00	3.00	-1.00	2.00	\$ (290.00)
618	2024	CONDT(PVC) SCH 40 (4 IN) (TRENCH)	LF	\$9.00	382.00	-102.00	280.00	\$ (918.00)
618	2018	CONDT(PVC) SCH 40(2 IN) (TRENCH)	LF	\$6.00	1,184.00	-50.00	1,134.00	\$ (300.00)
618	2035	CONDUIT (PVC) (SCHD 80) (2")(BORE)	LF	\$18.00	120.00	-25.00	95.00	\$ (450.00)
618	2041	CONDUIT (PVC) (SCHD 80) (4 IN.)(BORE)	LF	\$21.00	680.00	4.00	684.00	\$ 84.00
620	2016	ELEC CONDR (NO. 12) INSULATED	LF	\$0.75	960.00	-960.00	0.00	\$ (720.00)
624	2008	GROUND BOX TY A (122311) W/APRON	EA	\$545.00	2.00	2.00	4.00	\$ 1,090.00
644	2004	IN SM RD SGN ASSM TY 10BWG (1) SA (T)	EA	\$675.00	7.00	2.00	9.00	\$ 1,350.00
644	2054	IN SM RD SGN ASSM TY TWT (1) WA (T)	EA	\$295.00	1.00	-1.00	0.00	\$ (295.00)
658	2240	INSTL DEL ASSM (D-SW)SZ 1(FX)GF2	EA	\$38.00	19.00	9.00	28.00	\$ 342.00
658	2316	INSTL OM ASSM (OM-2Z) FLX GND	EA	\$45.00	26.00	8.00	34.00	\$ 360.00
662	2113	WK ZN PAV MRK SHT TERM (TAB) TY W	EA	\$2.50	616.00	-436.00	180.00	\$ (1,090.00)
662	2099	WK ZN PAV MRK REMOV (Y) 4" (SLD)	LF	\$2.00	1,836.00	-1,836.00	0.00	\$ (3,672.00)
662	2064	WK ZN PAV MRK REMOV (W) 4" (SLD)	LF	\$2.00	941.00	-941.00	0.00	\$ (1,882.00)
662	2032	WK ZN PAV MRK NON - REMOV (Y) 4" (SLD)	LF	\$0.15	45,142.00	2,139.00	47,281.00	\$ 320.85
662	2016	WK ZN PAV MRK NON - REMOV (W) 24" (SLD)	LF	\$3.50	114.00	-104.00	10.00	\$ (364.00)
662	2004	WK ZN PAV MRK NON - REMOV (W) 4" (SLD)	LF	\$0.15	44,047.00	-10,591.00	33,456.00	\$ (1,588.65)
662	2001	WK ZN PAV MRK NON - REMOV (W) 4" (BRK)	LF	\$0.15	3,186.00	-2,776.00	410.00	\$ (416.40)
662	2115	WK ZN PAV MRK SHT TERM (TAB) TY Y - 2	EA	\$2.50	231.00	1,440.00	1,671.00	\$ 3,600.00
668	2105	PREFAB PAV MRK TY C (W)(24")SLD	LF	\$11.00	500.00	-147.00	353.00	\$ (1,617.00)
668	2128	PREFAB PAV MRK TY C (Y)(24")SLD	LF	\$11.00	500.00	578.00	1,078.00	\$ 6,358.00
672	2015	REFL PAV MRKR TY I I-AA	EA	\$3.75	1,232.00	518.00	1,750.00	\$ 1,942.50
672	2012	REFL PAV MRKR TY I-C	EA	\$3.75	120.00	116.00	236.00	\$ 435.00
677	2003	ELIM EXT PAV MRK & MRKS (8")	LF	\$0.25	37,858.00	-37,858.00	0.00	\$ (9,464.50)
684	2008	TRF SIG CBL (TYA)(12 AWG)(3 CONDR)	LF	\$1.95	248.00	-248.00	0.00	\$ (483.60)
3224	2022	D - GR HMA (QCQA) TY - C PG64 - 22	TON	\$77.00	5,708.00	-116.05	5,591.95	\$ (8,935.85)
3224	2041	D - GR HMA (QCQA) TY - D SAC-A PG70 - 22	TON	\$80.00	3,805.00	689.81	4,494.81	\$ 55,184.80
3224	2028	D - GR HMA (QCQA) TY - C PG70 - 22	TON	\$77.00	5,708.00	-504.14	5,203.86	\$ (38,818.78)
6986	2014	PREFB PV MK W/WNTY TYB (Y) 7"(SLD) CNST	LF	\$9.00	960.00	-10.00	950.00	\$ (90.00)

Item Number		Description	Unit	Unit Price	Authorized Quantity To Date	Change Order Quantity	Revised Quantity	Change Order Cost
Item	Desc.							
8251	2003	RE PM W/RET REQ TY I (W)(4")(BRK)(100 MIL)	LF	\$0.48	1,530.00	2,710.00	4,240.00	\$ 1,300.80
8251	2006	RE PM W/RET REQ TY I (W)(4")(SLD)(100 MIL)	LF	\$0.48	39,860.00	7,988.00	47,848.00	\$ 3,834.24
8251	2010	RE PM W/RET REQ TY I (Y)(4")(SLD)(100 MIL)	LF	\$0.48	39,415.00	8,323.00	47,738.00	\$ 3,995.04
8251	2021	RE PM W/RET REQ TY I (Y)(4")(BRK)(100 MIL)	LF	\$0.48	1,990.00	910.00	2,900.00	\$ 436.80
8251	9999	RE PM W/RET REQ TY I (W)(8")(SLD)(100 MIL)	LF	\$1.00	385.00	-145.00	240.00	\$ (145.00)
Change Order 02 - New Items								
9002	1001	US 67 STORM SEWER INLET ADJUSTMENTS	LS	\$11,000.00	0.00	1.00	1.00	\$11,000.00
9002	1002	ADDITIONAL CEMENT FOR SOIL STABILIZATION	LS	\$612.50	0.00	1.00	1.00	\$612.50
9002	1003	ADDITIONAL BROADCAST SEEDING	LB	\$10.00	0.00	50.00	50.00	\$500.00
9002	1004	ADDITIONAL GRASS FERTILIZER	TON	\$926.47	0.00	4.00	4.00	\$3,705.88
104	2001	REMOVING CONC (PAV)	SY	\$6.65	0.00	8,000.00	8,000.00	\$53,200.00
9002	1005	QC/QA PRODUCTION/PLACEMENT BONUS	DOL	\$1.00	0.00	34,380.62	34,380.62	\$34,380.62
585	1001	RIDE QUALITY BONUS	DOL	\$1.00	0.00	6,691.00	6,691.00	\$6,691.00
9002	1006	REPLACE DAMAGED SIGN	LS	\$252.78	0.00	1.00	1.00	\$252.78
9002	1007	SIGN POSTS FOR WIRELESS MAGNETOMETER	LS	\$1,278.63	0.00	1.00	1.00	\$1,278.63
9002	1008	ADDITIONAL SIGN PANEL (CR SIGN)	LS	\$538.80	0.00	1.00	1.00	\$538.80
9002	1009	ADDITIONAL SIGN PANEL (W3-3)	LS	\$480.00	0.00	1.00	1.00	\$480.00
9002	2001	FINAL STRIPING	LS	\$17,003.88	0.00	1.00	1.00	\$17,003.88
9002	2002	FOG SEAL	LS	\$23,785.00	0.00	1.00	1.00	\$23,785.00
TOTAL CHANGE ORDER COST =								\$ 8,225.98



FM 2348 – Change Order 02
List of Attachments

- **Letter to TxDOT – Re: Change Order 02 Justification**
- **Letter to TxDOT – Re: Change Order 02 Price Justification**
- **Letter to TxDOT – Re: Change Order 02 Environmental Assurance Statement**

- **US 67 Storm Sewer Adjustments**
 - Contractor notes detailing pricing breakdown
 - Contractor notes detailing locations
 - Pricing backup for labor, equipment and materials

- **Placing additional cement for soil stabilization in a wet area**
 - Pricing backup

- **Placing broadcast seed and fertilizer to re-establish grass**
 - HH Howard and Sons Change Order Request
 - Pricing backup for materials
 - TxDOT State Average Low Bid Price

- **Removing concrete paving found under existing US 67**
 - Change order request from HH Howard & Sons
 - Unit pricing and quantity estimate
 - TxDOT Average Low Bid Price

- **Production and placement bonus for asphalt placed on US 67**
 - TxDOT QC/QA Pay Adjustment Worksheet
 - Total Pay Item Calculation Sheet

- **Ride quality bonus for roadway on US 67**
 - TxDOT Ride Quality Analysis Worksheet
 - Ride Quality Pricing Calculation Sheet

- **Replacing a sign damaged by the public**
 - Pricing backup from Southwest Environmental Services

- **Installing taller sign posts for use with the wireless magnetometer system**
 - Pricing backup from HH Howard & Sons

- **Replacing sign panels for a signal ahead and county road guide sign**
 - Pricing backup from Southwest Environmental Services
 - TxDOT State Average Low Bid Price

- **Placing fog seal and restriping the US 67 area as determined with TxDOT**
 - Pricing backup from HH Howard & Sons



February 6, 2014

Mr. Roger Ledbetter, P.E.
Area Engineer – Mount Pleasant
Texas Department of Transportation – Atlanta District
2210 W. Ferguson
Mount Pleasant, Texas 75455

RE: Titus County
CSJ: 2240-01-012
FM 2348
Change Order 02 Justification

Dear Mr. Ledbetter:

PTP Transportation, LLC, on behalf of Titus County, is submitting for your review and approval Change Order 2 for the subject project. This change order is necessary to perform final balancing of pay items and provide for payment of additional items necessary to complete the project. These items include:

- Adjusting storm sewer inlets along US 67 due to modifications on the trunkline
- Placing additional cement for soil stabilization in a wet area
- Placing broadcast seed and fertilizer to re-establish grass
- Removing concrete paving found under existing US 67
- Production and placement bonus for asphalt placed on US 67
- Ride quality bonus for roadway on US 67
- Replacing a sign damaged by the public
- Installing taller sign posts for use with the wireless magnetometer system
- Replacing sign panels for a signal ahead and county road guide sign
- Placing fog seal and restriping the US 67 area as determined with TxDOT

9002-1001 US 67 Storm Sewer Inlet Adjustments

Adjusting the storm sewer inlets became a reasonable cost measure after the reconfiguration of the storm sewer trunkline to allow water to drain during construction. The reconfiguration became necessary after determining that the designed temporary ditch would be a hazard to the work site and travelling public and not account for the necessary water being drained.

9002-1002 Additional Cement for Soil Stabilization

In the area of US 67 and CR 4015, after multiple tries of processing the existing subgrade, it became necessary to provide Portland cement to stabilize the area under the designed pavement structure.

February 6, 2014
Mr. Roger Ledbetter
FM 2348
Change Order 02 Justification
Page 2

9002-1003 Additional Broadcast Seeding/ 9002-1004 Additional Grass Fertilizer

Throughout the project, small areas in the ditchlines were not establishing grass at the anticipated rate. In an effort to move the project forward to completion, an additional seeding and fertilization was performed on the spots during the fall growing season.

104-2001 Remove Conc (Pav)

At US 67, a concrete section was found in the project area which had not been accounted for in existing cross sections. This concrete was removed to allow for excavation to underneath the roadway to continue.

9002-1005 QC/QA Production/Placement Bonus

In accordance with Item 3224, the contractor is due a bonus or assessed a penalty based on their final work product for the asphalt paving. The bonus/penalty is determined for both production and placement factors for each lot of asphalt placed. This item creates the pay item for the payment and provides the initial bonus for the asphalt placed to date. Included are the final lab sheets reflecting the bonus/penalty amounts for each lot.

585-1001 Ride Quality Bonus

In accordance with the requirement of the project plans and specifications, the contractor is required to place asphalt and concrete pavements per the ride quality specification. Part of this specification provides for a bonus or penalty based on the performance of the contractor. This item creates the pay item for these payments and provides the initial bonus payment for asphalt pavements placed to date. Included are the ride quality analyses performed according to Item 585.4.

9002-1006 Replace Damaged Sign

The repair of a road sign damaged on the project by the traveling public was required for the above referenced project. Per Specification 7.14.A, these repairs are to be reimbursed.

9002-1007 Sign Posts for Wireless Magnetometer

The original sign post for this piece of equipment did not allow the equipment to function properly. The manufacturer recommended a specific height for the equipment to be positioned off the ground; therefore a larger sign post was required to mount the magnetometer.

9002-1008 Additional Sign Panel (CR Sign)/ 9002-1009 Additional Sign Panel (W3-3)

These additional signs were required to create a safe driving environment for the travelling public. The additional signal ahead sign (panel W3-3) was required due to limited sight distance, and the additional CR sign was incorrectly labeled in the original plans.

9002-2001 Final Striping

The area around US 67 is to be re-sealed with a fog seal during the summer as directed by TxDOT. Final striping where fog seal covers or otherwise damages current traffic markings will be applied as required.

February 6, 2014
Mr. Roger Ledbetter
FM 2348
Change Order 02 Justification
Page 3


9002-2002 Fog Seal

This new item has been added as directed by TxDOT. The item has been negotiated based on TxDOT concerns with the final asphalt surface. The fog seal on US 67 will be completed in the summer as directed by TxDOT.

All of the costs associated with this change order are summarized in the Cost Report, included with this change order. The breakdown of costs are summarized and discussed on a separate letter under the subject of price justification. If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

PTP TRANSPORTATION, LLC



Richard L. Kronenberger, P.E.
Director of Construction Services

Attachments

cc: PTP Transportation, LLC Staff
File



February 6, 2014

Mr. Roger Ledbetter, P.E.
 Area Engineer – Mount Pleasant
 Texas Department of Transportation – Atlanta District
 2210 W. Ferguson
 Mount Pleasant, Texas 75455

RE: Titus County
 CSJ: 2240-01-012
 FM 2348
Change Order 02 Price Justification

Dear Mr. Ledbetter:

This letter serves as notice that the new pay item and price below has been reviewed and is considered fair and reasonable for the subject project.

Item Number		Description	Unit	Unit Price
Item	Desc			
9002	1001	US 67 STORM SEWER INLET ADJUSTMENTS	LS	\$11,000
9002	1002	ADDITIONAL CEMENT FOR SOIL STABILIZATION	LS	\$612.50
9002	1003	ADDITIONAL BROADCAST SEEDING	LB	\$10.00
9002	1004	ADDITIONAL GRASS FERTILIZER	TON	\$926.47
104	2001	REMOVING CONC (PAV)	SY	\$6.65
9002	1005	QC/QA PRODUCTION/PLACEMENT BONUS	DOL	\$1.00
585	1001	RIDE QUALITY BONUS	DOL	\$1.00
9002	1006	REPLACE DAMAGED SIGN	LS	\$252.78
9002	1007	SIGN POSTS FOR WIRELESS MAGNETOMETER	LS	\$1278.63
9002	1008	ADDITIONAL SIGN PANEL (CR SIGN)	LS	\$538.80
9002	1009	ADDITIONAL SIGN PANEL (W3-3)	LS	\$480.00
9002	2001	FINAL STRIPING	LS	\$17,003.8
9002	2002	FOG SEAL	LS	\$23,785.00

9002-1001 US 67 Storm Sewer Inlet Adjustments

This new cost item is to allow payment for changes in storm sewer inlets on US 67 as a result of trunkline modifications. The attached pricing breakdown from the contractor details the cost per day and activity. The costs for labor, equipment and materials have been reviewed and are equal to market rates for similar work. These costs also do not include allowable markup or burden charges and are considered fair and reasonable.

February 6, 2014
Mr. Roger Ledbetter
FM 2348
Change Order 02 Price Justification
Page 2

9002-1002 Additional Cement for Soil Stabilization

This new item is necessary to establish payment for extra portland cement required to stabilize earth underneath the pavement structure due to unstable and saturated conditions. This work was performed at the cost of materials required as can be reviewed in the included material cost backup. Therefore the cost is considered fair and reasonable.

9002-1003 Additional Broadcast Seeding/ 9002-1004 Additional Grass Fertilizer

This new item is necessary to create payment for extra seed and fertilizer which was supplied to stabilize ditch side slopes on the project. A comparison of pricing for fertilizer to the attached statewide average bid shows the price to be fair and reasonable. While the contractor pricing is slightly higher, this change order required a small amount of fertilizer rather than bulk pricing which is likely represented in statewide bid prices.

104-2001 Remove Conc (Pav)

This new item creates payment for the removal of concrete which was not accounted for in the original bid plans. A comparison of statewide average bid pricing shows that the cost is equal to that of the average bid price. This cost is considered fair and reasonable.

9002-1005 QC/QA Production/Placement Bonus/ 585-1001 Ride Quality Bonus

These new item costs of bonuses or penalties is established by TxDOT and priced based on the performance of the contractor. These new items are considered fair and reasonable as they are paid directly without markup at the specified amounts in accordance with project specifications.

9002-1006 Replace Damaged Sign

This new item was necessary to establish payment for a road sign damaged by the travelling public. The sign cost is near the original bid price and is considered fair and reasonable

9002-1007 Sign Posts for Wireless Magnetometer

This new item is required to establish payment for a larger sign post. The included pricing backup from the contractor shows the cost breakdown of the material, labor and equipment costs. The costs have included allowable markups on material, labor and equipment and are considered fair and reasonable.

9002-1008 Additional Sign Panel (CR Sign)/ 9002-1009 Additional Sign Panel (W3-3)

These new items were needed to create payment for additional signs which were required to create a safe driving environment. A comparison to the included state average bid prices shows these costs to be fair and reasonable.

9002-2001 Final Striping

This new item is required for payment of additional striping on US 67 after fog sealing is completed. In the included pricing backup, the unit pricing is equal or less than the original bid and therefore is considered fair and reasonable.

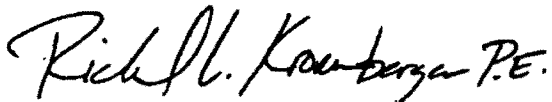
February 6, 2014
Mr. Roger Ledbetter
FM 2348
Change Order 02 Price Justification
Page 3

9002-2002 Fog Seal

This new item is required for payment of a final surface coating on the US 67 pavement structure. The lump sum pricing is negotiated due to a need for a final job lump sum price. The price is for an approximate area of 3,500 square yards creating a unit price of about \$1/gallon. While this is slightly higher than the state average bid price, the contractor has demobilized from the Site and will be required to remobilize to complete the work. Therefore, this price is considered fair and reasonable.

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,



Richard L. Kronenberger, P.E.
Assistant Director of Construction Services

cc: PTP Transportation, LLC Staff
File



February 6, 2014

Mr. Roger Ledbetter, P.E.
Area Engineer – Mount Pleasant
Texas Department of Transportation – Atlanta District
2210 W. Ferguson
Mount Pleasant, Texas 75455

RE: Titus County
CSJ: 2240-01-012
FM 2348
Change Order 02 Environmental Assurance Statement

Dear Mr. Ledbetter:

This letter is to serve as notice that the proposed work on this change order of the following items will not affect any of the environmental clearances or commitments for the subject project.

- Adjusting storm sewer inlets along US 67 due to modifications on the trunkline
- Placing additional cement for soil stabilization in a wet area
- Placing broadcast seed and fertilizer to re-establish grass
- Removing concrete paving found under existing US 67
- Production and placement bonus for asphalt placed on US 67
- Ride quality bonus for roadway on US 67
- Replacing a sign damaged by the public
- Installing taller sign posts for use with the wireless magnetometer system
- Replacing sign panels for a signal ahead and county road guide sign
- Placing fog seal and restriping the US 67 area as determined with TxDOT

If you have any questions regarding this matter, please feel free to contact me at (936) 441-9121.

Sincerely,

PTP TRANSPORTATION, LLC

Terry L. Plucker
Director of Environmental Services

cc: PTP Transportation, LLC Staff
File

9-8-13

INLET adjustments (south side)

124711

THURS JAN 17 CLOSED UP 4X4 OPENING
KNOCKED OUT HOLE FOR 4X3 BOX

FRI JAN 18 125750 KNOCKED OUT END FOR 48" PIPE
GROUTED BACK UP

135700 CLOSED UP HOLE ON SOUTH SIDE
MON JAN 21 KNOCKED OUT BOTH ENDS
GROUTED UP

137775 added lateral NOT SHOWN ON PLANS
KNOCKED OUT HOLE FOR LATERAL

139730 KNOCKED OUT BOTH ENDS & GROUTED UP

137775
~~138796~~ adjustment to Junction box

~~7 hrs trackhoe @ 150.00~~
TRACKHOE
7 hrs trackhoe @ 150.00 = \$1,050.00
10 yd³ conc. @ 100.00/yd³ = \$1,000.00
53 hrs labor @ 15.00/hr = 795.00
\$2,845.00

1/5

INLET adj. (North side)

5-13-13 126t knocked out hole, back of Jet. box
laid pipe @ SET, cut ditch so SET
would drain water

air comp & Jackhammer	3 hrs @ 75.00	=	\$225.00
Track hoe	3 hrs @ 150.00	=	\$450.00
Dazer	3 hrs @ 80.00	=	\$240.00
9 hrs labor	@ 15.00	=	\$135.00
			<u>\$1050.00</u>

5-23-13 Jackhammer both inlets down
2" T. Facilitate drainage @ 124+16 & 125+50

4 hrs labor x 2	= 8 hrs @ 15.00	=	\$120.00
4 hrs air comp	@ ^{JACKH.} 75.00	=	\$300.00
1 hrs pickup	@ 50.00	=	\$50.00
			<u>\$470.00</u>

²²
~~5-23-13~~ adjust inlets @ 132+85

Formed up	4x3 box to fit 36" pipe	
Formed up	36" hole on ^{EAST} North side	
6 hrs lab.	@ 15.00	= 90.00
3 yd ³ conc	@ 100.00	= 300.00
10000 form MAT		100.00
		<u>490.00</u>

inlet adj; (North side)

5-24-13 Adj; inlet @ 134772

Knacked out hole for 30" pipe
and Form'd up holes on each end

2 hrs trackhoe @ \$150.00	=	\$300.00
6 hrs labor @ 15.00	=	90.00
3 yd ³ conc @ 100.00	=	300.00
		<u>\$690.00</u>

5-27-13 inlet adj; @ 130168

blocked up 1 hole and enlarged other

1 hr trackhoe =	\$150.00
lab. 4 hrs @ 15.00 =	60.00
2 yd ³ conc @ 100.00 =	200.00
	<u>\$410.00</u>

6-6-13 inlet adj; @ 142100

Knacked out 1 hole

1 hr. trackhoe @ 150.00 =	150.00
2 hrs labor @ 15.00 =	30.00
2 yd ³ conc @ 100.00 =	100.00
	<u>\$280.00</u>

inlet adj; @ North side

6-7-13 inlet adj; @ 137+25 knocked out / h/d
 1 hr trackho 150.00 = \$150.00
 2 hrs lab. @ 15.00 = 30.00
 2 yd³ CONC. @ 100.00 = 200.00
\$380.00

6-6-13 Hot gas line @ 1001967
 shut down till moved

6-10-13 Laid Junction box @ 1001967 (East side)

6-11-13 Laid 24" Pipe to inlet
 @ 137+25
 grouted 2 Joints & Joint @ inlet box
 10 hrs @ 15.00/HR = \$150.00
 3 yd³ CONC. @ 100.00 = 300.00
\$450.00

6-19-13 Junction boxes @ 1001
 Knockout holes & Patch holes
 8 hrs @ 15.00 = \$120.00
 1 hr trackho @ 150.00 = 150.00
 3 yd³ concrete @ 100.00 = \$300.00
\$570.00

inlets @ (North side)

7-30-13 Formed up holes @ inlets 142+00 (1)
 139+50 (2)
 137+50 (1)

4 yd³ @ \$100.00 = 400.00
 10 hrs @ 15.00 = 150.00
550.00

8-14-13 STA 135+00
 broke inlet approx 2' down
 Air comp. & Jackhammer 5 hrs @ 75.00 = 375.00
 3 holes @ 5 hrs = 15 hrs @ 15.00 = 225.00
600.00

137+50 broke back to grade
 6 hrs labor @ 15.00 = \$90.00
 3 hrs air comp & J.H. @ 75.00 = \$225.00
\$315.00

Laying pipe @ Half Price (millings) \$500.00

2 pipe (42" with bands) \$500 x 2 = \$1,000.00

Sub TOTAL \$7,550.00

Repair inlets & throats
 (knocked out to drain roadway) 400.00
\$8,155.00

TOTAL

inlet adj (south side)	62,845.00
inlet adj (north side)	8,155.00
	\$71,000.00



CUSTOMER REMITTANCE NUMBER
 14579 01-0610-209949
 Paper

4/19/2013
 8:58 AM

AR

SHIPTO

Our Order #: 145790949
 P.O. #:

Terms: Net 30
 Tax ID #:

Selling Store:
 Salesperson:

ITEM	DESCRIPTION	QTY	U/M	UNIT PRICE	U/M	EXTENDED PRICE	TAX
42815	PORTLAND CEMENT GRAY 92.5#	35	EA	8.75	EA	306.25	
	CONCRETE CURB (CY-PORTLAND)	1	EA	20.00	EA	20.00	
TOTAL							
\$612.50							
		Subtotal				326.25	
		Tax				1.15	
		TOTAL				327.50	

FOR INTERNAL USE ONLY

Thank you for shopping at McCoy's!

MCCOY'S #061
 1702 W. 16TH ST. MT. PLEASANT, TX 75455

CREDIT CARD

CREDIT CARD SALE \$327.90

ACCOUNT: XXXXXXXXXXXX0008 VI_PURCH
 REF NBR: 23653426 APPROVAL: 019472

MERCHANT ID: 451040450996213026

TRAN ID: 163109503145437

DATE: 04/19/2013 TIME: 08:58 AM

I AGREE TO PAY ABOVE TOTAL AMOUNT
 ACCORDING TO CARD ISSUER AGREEMENT

CUSTOMER COPY

4/19/13 8:58 AM 14579 01-0610-209949

PH# 903-572-9281
 OR 1-800-616-2269

Thank you for shopping with McCoy's!
=BUILD A CAREER=>
 Visit www.mccoys.com

MCCOY'S #061
 1702 W. 16TH ST. MT. PLEASANT, TX 75455

4/19/13 8:58 AM 14579 01-0610-209949

PH# 903-572-9281
 OR 1-800-616-2269

Thank you for shopping with McCoy's!



CUSTOMER REMITTANCE NUMBER

SHIP TO

Selling Store:
Salesperson: 14579

Terms:
Tax ID #:

Our Order #:
P.O. #:

IR

STORE CODE	ITEM	DESCRIPTION	QTY	U/M	UNIT PRICE	U/M	EXTENDED PRICE	TAX
		1/2" X 3/4" X 10' LAMINATED PLYWOOD SHEET	35	EA	6.75		236.25	
			Sub-total			236.25		
			Tax					2.25
			TOTAL				238.50	

FOR INTERNAL USE ONLY
061-128229

Thank You for Shopping at McCoy's

MCCOY'S #061
1702 W. 16TH ST. MT. PLEASANT, TX 75455

CREDIT CARD

CREDIT CARD SALE \$306.25
ACCOUNT: XXXXXXXXXXXX3772 VI_PURCH
REF NBR: 23654048 APPROVAL: 019901
MERCHANT ID: 451040450996213026
TRAN ID: 003109539900384
DATE: 04/19/2013 TIME: 10:00 AM

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO CARD ISSUER AGREEMENT

CUSTOMER COPY

4/19/13 10:00 AM 14579 01-0610-209954
PH# 903-572-9281
OR 1-800-616-2269
Thanks for shopping with McCoy's!
<=BUILD A CAREER=>
Visit www.mccoys.com

MCCOY'S #061
1702 W. 16TH ST. MT. PLEASANT, TX 75455

4/19/13 10:00 AM 14579 01-0610-209954
PH# 903-572-9281
OR 1-800-616-2269

Thanks for shopping with McCoy's!

MCCOY'S #061
1702 W. 16TH ST. MT. PLEASANT, TX 75455

CREDIT CARD

CREDIT CARD RETURN

\$21.65-

ACCOUNT: XXXXXXXXXXXX3772 VI_PURCH
REF NBR: 23855497 APPROVAL:

MERCHANT ID: 451040450996213026

DATE: 04/19/2013 TIME: 12:07 PM

NAME: HOWARD/PATRICK

I AGREE TO PAY ABOVE TOTAL AMOUNT
ACCORDING TO CARD ISSUER AGREEMENT

CUSTOMER COPY

4/19/13 12:07 PM 20241 13-0611-305966

PH# 903-572-9281
OR 1-800-616-2269

Thanks for shopping with McCoy's!
<=BUILD A CAREER=>
Visit www.mccoys.com

MCCOY'S #061
1702 W. 16TH ST. MT. PLEASANT, TX 75455

4/19/13 12:07 PM 20241 13-0611-305966

PH# 903-572-9281
OR 1-800-616-2269

Thanks for shopping with McCoy's!
<=BUILD A CAREER=>



H. H. HOWARD & SONS, INC.
General Contractors

Change Order # 3

H. H. Howard & Sons, Inc.

Addition of Items

Regarding: FM 2348 Titus County

To whom it may concern:

Please see the following regarding the change order # 3 addition of items.

Seed (Bermuda) @ \$10.00/ pound @ 50 pounds = \$ 500.00

Fertilizer (13-13-13) @ \$926.47/ Ton @ 4 tons = \$ 3,705.88

Quantity (seed) = 50 pounds

Quantity (fertilizer) = 4 tons

Total Cost = \$ 4,205.88

Thank you.

H H Howard & Sons, Inc

MILLER-BOWIE SUPPLY
1007 WEST THIRD ST
TEXARKANA, TX 75504
(903) 794-3631

Date: 08/17/13 Time: 10:49:25 am

Customer: HOWARD, PAT H0W023
580 CR 3201
DANGERFIELD TX 75638

TICKET #: 1183325

PAY CRD/DBT CRD

Qty	Item# Description	Total Tx
40	BAG 80625 13-13-13 FERTILIZER 50# @ 16.0500	642.00 0
1	BAG 80373 BERMUDA GRASS SEED, HULLED-F4 POUNDS 1 LB	300.00 0
2	BAG 80400 MILLET SEED, 50# BROWN @ 46.0000 TOP 50 LB	92.00 0
	Subtotal:	1,034.00
	Tax:	0.00
	TOTAL:	1,034.00

*****Notice*****Notice*****Notice*****Notice*****Notice*****Notice
Please be aware of the new Texas Sales Tax Exemption Law that goes into
effect on Jan. 1, 2012. For more information go to www.getreadytexas.org

SOLD BY TAX CRD/DBT CRD

CUSTOMER COPY

Invoice: 1006818
Patron: 101708



Sales Invoice
1006818

Page 1

Sold: 05/30/13 16:07



El Dorado Chemical
204 Fulton
Pittsburg, TX 75686
903-856-5381

PATRIC HOWARD HERMANN
580 CO RD 3201
DANGERFIELD, TX 75638-0000

PATRIC HOWARD HERMANN
580 CO RD 3201
DANGERFIELD, TX 75638-0000

Item No	Description	Units	Quantity	Unit Price	Ext. Amount T
90016-ELK	13-13-13 (Filler) (50#)	BAG	80.0000	14.49	1,159.20
TTAX	Tonnage tax	EACH	1.0000	0.72	0.72
Remit To: El Dorado Chemical P. O. Box 973242 Dallas, TX 75397-3242				Total	1,159.92

1,159.92 Paid by Check # 1549

Tax Exempt ID: 32046273135

Expires: 12/31/15

FOR CHEMICAL EMERGENCY

Spill, Leak, Fire, Exposure, or Accident
CALL CHEMTREC - DAY OR NIGHT
800-424-9300 (CCN7460)

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Per Written Signature

The undersigned represents and warrants that he/she is the buyer reflected above, or is the authorized representative of the buyer. Buyer hereby acknowledges that the goods and services reflected herein have been received by buyer subject to the terms and conditions of the reverse side hereof and, if a credit sale, the terms and conditions of the El Dorado Company credit agreement; and buyer hereby agrees to all such terms and conditions.

Received and Agreed to by Buyer:

Date:

Thank you for shopping with El Dorado Chemical

See back for Terms and Conditions

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 to returned in good condition, a

Sales Invoice
1006762

Sold: 05/30/13 09:21



El Dorado Chemical
 204 Fulton
 Pittsburg, TX 75686
 903-856-5381

PATRIC HOWARD HERMANN
 580 CO RD 3201
 DANGERFIELD, TX 75638-0000

PATRIC HOWARD HERMANN
 580 CO RD 3201
 DANGERFIELD, TX 75638-0000



Item No	Description	Units	Quantity	Unit Price	Ext. Amount
90016-ELK	13-13-13 (Filler) (50#)	BAG	80.0000	14.49	1,159.20
TTAX	Tonnage tax	EACH	1.0000	0.72	0.72
Remit To: El Dorado Chemical P. O. Box 973242 Dallas, TX 75397-3242				Total	1,159.92

1,159.92 Paid by Check # 1548

Tax Exempt ID: 32046273135 Expires: 12/31/15

2,319.84

FOR CHEMICAL EMERGENCY
 Spill, Leak, Fire, Exposure, or Accident
CALL CHEMTREC - DAY OR NIGHT
 800-424-9300 (CCN7460)

This is to certify that the above named materials are
 properly classified, described, packaged, marked, and
 labeled and are in proper condition for transportation,
 according to the applicable regulations of the Department
 of Transportation.

Per Written Signature

The undersigned represents and warrants that he/she is the buyer reflected above, or is the
 authorized representative of the buyer. Buyer hereby acknowledges that the goods and services
 reflected herein have been received by buyer subject to the terms and conditions of the reverse side
 hereof and, if a credit sale, the terms and conditions of the El Dorado Company credit agreement;
 and buyer hereby agrees to all such terms and conditions.

Received and Agreed to by Buyer: _____ Date: _____

Thank you for shopping with El Dorado Chemical

See back for Terms and Conditions



H. H. HOWARD & SONS, INC.
General Contractors

Change Order # 2

Item 104-2001

H. H. Howard & Sons, Inc.

Addition of Item

Regarding: FM 2348 Titus County

To whom it may concern.

Please see the following regarding the change order # 2 addition of item.

Removal of concrete pavement 6 inches

Cost = \$ 6.65/SY

Quantity = 8,000/SY (Approx.)

Total Cost = \$ 53,200.00

Thank you.

H H Howard & Sons, Inc

OK of Ty dot
bid coverage

Current Price

Item No.	Description	Unit	Quantity	Current Price	Total Price
1
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TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	Lot1	DATE LOT OPENED:	5-6-13
LOT NUMBER:		LETTING DATE:	
SAMPLE STATUS:	Complete	CONTROLLING CSJ:	2240-01-012
COUNTY:	Titus	SPEC YEAR:	2004
SAMPLED BY:	RK Hall	SPEC ITEM:	
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	SS3224_C_Coarse_Surface
PRODUCER:	RK Hall		
AREA ENGINEER:	Ledbetter	PROJECT MANAGER:	
COURSE/LIFT:	Surface	STATION:	
		DIST. FROM CL:	
Lot Opened:	5/6/2013	Total Quantity Actually Placed, Tons:	1,610.62
		Bid Price / Tons:	\$77.00
Quantity Placed But No Air Void Testing Was Required, Tons:		First Lot?	Yes

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	97.3	96.3	97.0	95.6
Absolute Deviation:	0.8	0.2	0.5	0.9
Auto 1.000 Pay Factor:				
Pay Factor:	1.013	1.050	1.031	1.006
Average Pay Factor:	1.025			
Production Pay Factor:	1.025			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.3	5.8	7.5	6.8
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.020	1.034
Average Pay Factor:	1.039			
Placement Pay Factor:	1.039			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$77.00 \times 1,610.62$$

$$P_i = \$124,017.74$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

$$P_{PR} = [(P_i \times \text{PF}_{PR}) - P_i] / 2$$

$$P_{PR} = [(\$124,017.74 \times 1.025) - \$124,017.74] / 2$$

$$P_{PR} = \$1,550.22$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{PL} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{PL}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{PL} = [(\$77.00 \times (1,610.62 - 0.00) \times 1.039) - (\$77.00 \times (1,610.62 - 0.00))] / 2$$

$$P_{PL} = \$2,418.35$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$124,017.74 + \$1,550.22 + \$2,418.35$$

$$\text{Total Pay} = \$127,986.31$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1610.62	<< Tonnage for Specification Item
Pay adjustment for production = \$1,550.22	<< Production Bonus/Penalty
Pay adjustment for placement = \$2,418.35	<< Placement Bonus/Penalty
Total pay = \$127,986.31	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	Lot2	DATE LOT OPENED:	5-7-13
LOT NUMBER:	2	LETTING DATE:	
SAMPLE STATUS:	Complete	CONTROLLING CSJ:	2240-01-012
COUNTY:	Titus	SPEC YEAR:	2004
SAMPLED BY:	RK Hall	SPEC ITEM:	
SAMPLE LOCATION:	Truck	SPECIAL PROVISION:	
MATERIAL CODE:		MIX TYPE:	SS3224_C_Coarse_Surface
PRODUCER:	RK Hall		
AREA ENGINEER:	Ledbetter	PROJECT MANAGER:	
COURSE/LIFT:	Surface	STATION:	
		DIST. FROM CL:	
Lot Opened:	5/7/2013	Total Quantity Actually Placed, Tons:	2,401.48
		Bid Price / Tons:	\$77.00
		Quantity Placed But No Air Void Testing Was Required, Tons:	
		First Lot?	Yes

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	97.3	96.3	97.0	
Absolute Deviation:	0.8	0.2	0.5	
Auto 1,000 Pay Factor:				
Pay Factor:	1.013	1.050	1.031	
Average Pay Factor:	1.031			
Production Pay Factor:	1.031			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.1	5.8	7.4	
Auto 1,000 Pay Factor:				
Pay Factor:	1.050	1.050	1.022	
Average Pay Factor:	1.041			
Placement Pay Factor:	1.041			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$77.00 \times 2,401.48$$

$$P_i = \$184,913.96$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{\text{PR}} = [(\text{Payment for Item} \times \text{Production pay factor}) - \text{Payment for Item}] / 2$$

$$P_{\text{PR}} = [(P_i \times \text{PF}_{\text{PR}}) - P_i] / 2$$

$$P_{\text{PR}} = [(\$184,913.96 \times 1.031) - \$184,913.96] / 2$$

$$P_{\text{PR}} = \$2,866.17$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{\text{PL}} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{\text{PL}}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{\text{PL}} = [(\$77.00 \times (2,401.48 - 0.00) \times 1.041) - (\$77.00 \times (2,401.48 - 0.00))] / 2$$

$$P_{\text{PL}} = \$3,790.74$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for Item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{\text{PR}} + P_{\text{PL}}$$

$$\text{Total Pay} = \$184,913.96 + \$2,866.17 + \$3,790.74$$

$$\text{Total Pay} = \$191,570.87$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 2401.48	<< <i>Tonnage for Specification Item</i>
Pay adjustment for production = \$2,866.17	<< <i>Production Bonus/Penalty</i>
Pay adjustment for placement = \$3,790.74	<< <i>Placement Bonus/Penalty</i>
Total pay = \$191,570.87	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: 3352852		DATE LOT OPENED: 06/13/13	
SAMPLE STATUS: Completed		LETTING DATE: 04/23/12	
COUNTY: Titus		CONTROLLING CSJ: 2240-01-012	
SAMPLED BY: RK Hall		SPEC YEAR: 2004	
SAMPLE LOCATION: truck		SPEC ITEM: 3224	
MATERIAL CODE: 3352852		SPECIAL PROVISION:	
MATERIAL NAME: Type C		MIX TYPE: SS3224_C_Coarse_Surface	
PRODUCER: RK Hall			
AREA ENGINEER: Rick Kronenberger, PE		PROJECT MANAGER: Robert Dick	
COURSE/LIFT: Surface		STATION:	
		DIST. FROM CL:	
Lot Opened: 6/13/2013	Total Quantity Actually Placed, Tons: 1,600.00	Bid Price / Tons: \$77.00	
Quantity Placed But No Air Void Testing Was Required, Tons: 0.00		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:	97.3	96.1	97.4	97.0
Absolute Deviation:	0.8	0.4	0.9	0.5
Auto 1.000 Pay Factor:				
Pay Factor:	1.013	1.038	1.006	1.031
Average Pay Factor:	1.022			
Production Pay Factor:	1.022			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.9	7.3	7.7	5.6
Auto 1.000 Pay Factor:				
Pay Factor:	1.032	1.024	1.016	1.050
Average Pay Factor:	1.031			
Placement Pay Factor:	1.031			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = BP \times Q_{PAY}$$

$$P_i = \$77.00 \times 1,600.00$$

$$P_i = \$123,200.00$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

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

$$P_{PR} = [(\$123,200.00 \times 1.022) - \$123,200.00] / 2$$

$$P_{PR} = \$1,355.20$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

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

$$P_{PL} = [(\$77.00 \times (1,600.00 - 0.00) \times 1.031) - (\$77.00 \times (1,600.00 - 0.00))] / 2$$

$$P_{PL} = \$1,909.60$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$123,200.00 + \$1,355.20 + \$1,909.60$$

$$\text{Total Pay} = \$126,464.80$$


Signature of Contractor Representative


Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1600.00	<< Tonnage for Specification Item 3224 :
Pay adjustment for production = \$1,355.20	<< Production Bonus/Penalty
Pay adjustment for placement = \$1,909.60	<< Placement Bonus/Penalty
Total pay = \$126,484.80	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: 3352852		DATE LOT OPENED: 6/14/13	
[REDACTED]		LETTING DATE: 04/23/12	
SAMPLE STATUS:	Completed	CONTROLLING CSJ:	2240-01-012
COUNTY:	Titus	SPEC YEAR:	2004
SAMPLED BY:	RK Hall	SPEC ITEM:	3224
SAMPLE LOCATION:	truck	SPECIAL PROVISION:	
MATERIAL CODE:	3352852	MIX TYPE:	SS3224_C_Coarse_Surface
MATERIAL NAME:	Type C		
PRODUCER:	RK Hall		
AREA ENGINEER:	Rick Kronenberger, PE	PROJECT MANAGER:	Robert Dick
COURSE/LIFT:	Surface	STATION:	
		DIST. FROM CL:	
Lot Opened:	6/14/2013	Total Quantity Actually Placed, Tons:	789.52
		Bid Price / Tons:	\$77.00
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	97.0		
Absolute Deviation:	0.4	0.5		
Auto 1.000 Pay Factor:				
Pay Factor:	1.038	1.031	No Seg?	No Seg?
Average Pay Factor:	1.035			
Production Pay Factor:	1.035			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.8	8.0		
Auto 1.000 Pay Factor:				
Pay Factor:	1.020	1.010	No Seg?	No Seg?
Average Pay Factor:	1.015			
Placement Pay Factor:	1.015			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$77.00 \times 789.52$$

$$P_i = \$60,793.04$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

$$P_{PR} = [(P_i \times \text{PF}_{PR}) - P_i] / 2$$

$$P_{PR} = [(\$60,793.04 \times 1.035) - \$60,793.04] / 2$$

$$P_{PR} = \$1,063.88$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{PL} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{PL}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{PL} = [(\$77.00 \times (789.52 - 0.00) \times 1.015) - (\$77.00 \times (789.52 - 0.00))] / 2$$

$$P_{PL} = \$455.95$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$60,793.04 + \$1,063.88 + \$455.95$$

$$\text{Total Pay} = \$62,312.87$$


Signature of Contractor Representative


Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 789.52	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$1,063.88	<< Production Bonus/Penalty
Pay adjustment for placement = \$455.95	<< Placement Bonus/Penalty
Total pay = \$62,312.87	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: 3352852	DATE LOT OPENED: 08/28/2013
SAMPLE STATUS: Completed	LETTING DATE: 04/23/12
COUNTY: Titus	CONTROLLING CSJ: 2240-01-012
SAMPLED BY: RK Hall	SPEC YEAR: 2004
SAMPLE LOCATION: Truck	SPEC ITEM: 3224
MATERIAL CODE: 3352852	SPECIAL PROVISION:
	MIX TYPE: SS3224_C_Coarse_Surface
PRODUCER: RK Hall	
AREA ENGINEER: Rick Kronenberger, PE	PROJECT MANAGER: Robert Dick
COURSE/LIFT: Non-Surface (<8	STATION:
	DIST. FROM CL:
Lot Opened: 8/28/2013	Total Quantity Actually Placed, Tons: 1,600.00
	Bid Price / Tons: \$77.00
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	96.6	96.9	96.8
Absolute Deviation:	0.5	0.1	0.4	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.050	1.038	1.044
Average Pay Factor:	1.041			
Production Pay Factor:	1.041			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	6.0	4.6	6.2	6.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	0.990	1.046	1.046
Average Pay Factor:	1.033			
Placement Pay Factor:	1.033			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = BP \times Q_{PAY}$$

$$P_i = \$77.00 \times 1,600.00$$

$$P_i = \$123,200.00$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

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

$$P_{PR} = [(\$123,200.00 \times 1.041) - \$123,200.00] / 2$$

$$P_{PR} = \$2,525.60$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

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

$$P_{PL} = [(\$77.00 \times (1,600.00 - 0.00) \times 1.033) - (\$77.00 \times (1,600.00 - 0.00))] / 2$$

$$P_{PL} = \$2,032.80$$


TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$123,200.00 + \$2,525.60 + \$2,032.80$$

$$\text{Total Pay} = \$127,758.40$$


Signature of Contractor Representative
Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1800.00	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$2,525.60	<< Production Bonus/Penalty
Pay adjustment for placement = \$2,032.80	<< Placement Bonus/Penalty
Total pay = \$127,758.40	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: 3352852	DATE LOT OPENED: 08/29/2013
SAMPLE STATUS: Completed	LETTING DATE: 04/23/12
COUNTY: Titus	CONTROLLING CSJ: 2240-01-012
SAMPLED BY: RK Hall	SPEC YEAR: 2004
SAMPLE LOCATION: truck	SPEC ITEM: 3224
MATERIAL CODE: 3352852	SPECIAL PROVISION:
	MIX TYPE: SS3224_C_Coarse_Surface
PRODUCER: RK Hall	
AREA ENGINEER: Rick Kronenberger, PE	PROJECT MANAGER: Robert Dick
COURSE/LIFT: Non-Surface (<8	STATION:
	DIST. FROM CL:
Lot Opened: 8/28/2013	Total Quantity Actually Placed, Tons: 1,600.00
	Bid Price / Tons: \$77.00
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	97.1	96.8	96.2
Absolute Deviation:	0.6	0.8	0.3	0.3
Auto 1.000 Pay Factor:				
Pay Factor:	1.025	1.025	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:	6.2	6.2	7.0	6.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.046	1.046	1.030	1.036
Average Pay Factor:	1.040			
Placement Pay Factor:	1.040			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = BP \times Q_{PAY}$$

$$P_i = \$77.00 \times 1,600.00$$

$$P_i = \$123,200.00$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

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

$$P_{PR} = [(\$123,200.00 \times 1.035) - \$123,200.00] / 2$$

$$P_{PR} = \$2,156.00$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

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

$$P_{PL} = [(\$77.00 \times (1,600.00 - 0.00) \times 1.040) - (\$77.00 \times (1,600.00 - 0.00))] / 2$$

$$P_{PL} = \$2,464.00$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$123,200.00 + \$2,156.00 + \$2,464.00$$

$$\text{Total Pay} = \$127,820.00$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1600.00	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$2,158.00	<< Production Bonus/Penalty
Pay adjustment for placement = \$2,464.00	<< Placement Bonus/Penalty
Total pay = \$127,820.00	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	3352852	DATE LOT OPENED:	08/30/2013
		LETTING DATE:	04/23/12
SAMPLE STATUS:	Completed	CONTROLLING CSJ:	2240-01-012
COUNTY:	Titus	SPEC YEAR:	2004
SAMPLED BY:	RK Hall	SPEC ITEM:	3224
SAMPLE LOCATION:	truck	SPECIAL PROVISION:	
MATERIAL CODE:	3352852	MIX TYPE:	SS3224_C_Coarse_Surface
PRODUCER:	RK Hall		
AREA ENGINEER:	Rick Kronenberger, PE	PROJECT MANAGER:	Robert Dick
COURSE/LIFT:	Non-Surface (<8	STATION:	
		DIST. FROM CL.:	
Lot Opened:	8/30/2013	Total Quantity Actually Placed, Tons:	1,194.19
		Bid Price / Tons:	\$77.00
		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	97.4	96.0	
Absolute Deviation:	0.7	0.9	0.5	
Auto 1.000 Pay Factor:				
Pay Factor:	1.019	1.006	1.031	No Seg?
Average Pay Factor:	1.019			
Production Pay Factor:	1.019			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	7.5	5.5	4.3	
Auto 1.000 Pay Factor:				
Pay Factor:	1.020	1.050	0.945	No Seg?
Average Pay Factor:	1.005			
Placement Pay Factor:	1.005			

PAYMENT FOR ITEM = P_I

$$P_I = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_I = \text{Bid price} \times \text{Quantity with payment}$$

$$P_I = \text{BP} \times Q_{\text{PAY}}$$

$$P_I = \$77.00 \times 1,194.19$$

$$P_I = \$91,952.63$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{\text{PR}} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

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

$$P_{\text{PR}} = [(\$91,952.63 \times 1.019) - \$91,952.63] / 2$$

$$P_{\text{PR}} = \$873.55$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{\text{PL}} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{\text{PL}}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{\text{PL}} = [(\$77.00 \times (1,194.19 - 0.00) \times 1.005) - (\$77.00 \times (1,194.19 - 0.00))] / 2$$

$$P_{\text{PL}} = \$229.88$$


TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

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

$$\text{Total Pay} = \$91,952.63 + \$873.55 + \$229.88$$

$$\text{Total Pay} = \$93,056.06$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1194.19	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$873.55	<< Production Bonus/Penalty
Pay adjustment for placement = \$229.88	<< Placement Bonus/Penalty
Total pay = \$93,056.06	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	3452860	DATE LOT OPENED:	09/03/2013
		LETTING DATE:	04/23/12
SAMPLE STATUS:	Completed	CONTROLLING CSJ:	2240-01-012
COUNTY:	Titus	SPEC YEAR:	2004
SAMPLED BY:	RK Hall	SPEC ITEM:	3224
SAMPLE LOCATION:	truck	SPECIAL PROVISION:	
MATERIAL CODE:	3452860	MIX TYPE:	SS3224_D_Fine_Surface
PRODUCER:	RK Hall		
AREA ENGINEER:	Rick Kronenberger, PE	PROJECT MANAGER:	Robert Dick
COURSE/LIFT:	Surface	STATION:	
		DIST. FROM CL:	
Lot Opened:	9/3/2013	Total Quantity Actually Placed, Tons:	1,000.00
		Bid Price / Tons:	\$80.00
		Quantity Placed But No Air Void Testing Was Required, Tons:	0.00
		First Lot?	Yes

LABORATORY MOLDED DENSITY

TxDOT Sublot:	1	2	3	4
Design Target Density:	96.5	96.5	96.5	96.5
Average Percent Density:	97.2	97.0	97.2	98.9
Absolute Deviation:	0.7	0.5	0.7	0.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.019	1.031	1.019	1.038
Average Pay Factor:	1.027			
Production Pay Factor:	1.027			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.0	4.7	7.4	5.7
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.005	1.022	1.050
Average Pay Factor:	1.032			
Placement Pay Factor:	1.032			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$80.00 \times 1,000.00$$

$$P_i = \$80,000.00$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{PR} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

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

$$P_{PR} = [(\$80,000.00 \times 1.027) - \$80,000.00] / 2$$

$$P_{PR} = \$1,080.00$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

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

$$P_{PL} = [(\$80.00 \times (1,000.00 - 0.00) \times 1.032) - (\$80.00 \times (1,000.00 - 0.00))] / 2$$

$$P_{PL} = \$1,280.00$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{PR} + P_{PL}$$

$$\text{Total Pay} = \$80,000.00 + \$1,080.00 + \$1,280.00$$

$$\text{Total Pay} = \$82,360.00$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1000.00	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$1,080.00	<< Production Bonus/Penalty
Pay adjustment for placement = \$1,280.00	<< Placement Bonus/Penalty
Total pay = \$82,360.00	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID: 3452860	DATE LOT OPENED: 09/04/2013
SAMPLE STATUS: Completed	LETTING DATE: 04/23/12
COUNTY: Titus	CONTROLLING CSJ: 2240-01-012
SAMPLED BY: RK Hall	SPEC YEAR: 2004
SAMPLE LOCATION: truck	SPEC ITEM: 3224
MATERIAL CODE: 3452860	SPECIAL PROVISION:
	MIX TYPE: SS3224_D_Fine_Surface
PRODUCER: RK Hall	
AREA ENGINEER: Rick Kronenberger, PE	PROJECT MANAGER: Robert Dick
COURSE/LIFT: Surface	STATION:
	DIST. FROM CL:
Lot Opened: 9/3/2013	Total Quantity Actually Placed, Tons: 1,600.00
	Bid Price / Tons: \$80.00
Quantity Placed But No Air Void Testing Was Required, Tons: 0.00	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:	97.0	97.4	96.8	96.3
Absolute Deviation:	0.5	0.9	0.3	0.2
Auto 1.000 Pay Factor:				
Pay Factor:	1.031	1.008	1.044	1.050
Average Pay Factor:	1.033			
Production Pay Factor:	1.033			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	4.6	4.5	5.7	7.3
Auto 1.000 Pay Factor:				
Pay Factor:	0.990	0.975	1.050	1.024
Average Pay Factor:	1.010			
Placement Pay Factor:	1.010			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$80.00 \times 1,600.00$$

$$P_i = \$128,000.00$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{\text{PR}} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

$$P_{\text{PR}} = [(P_i \times \text{PF}_{\text{PR}}) - P_i] / 2$$

$$P_{\text{PR}} = [(\$128,000.00 \times 1.033) - \$128,000.00] / 2$$

$$P_{\text{PR}} = \$2,112.00$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{\text{PL}} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{\text{PL}}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{\text{PL}} = [(\$80.00 \times (1,600.00 - 0.00) \times 1.010) - (\$80.00 \times (1,600.00 - 0.00))] / 2$$

$$P_{\text{PL}} = \$640.00$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{\text{PR}} + P_{\text{PL}}$$

$$\text{Total Pay} = \$128,000.00 + \$2,112.00 + \$640.00$$

$$\text{Total Pay} = \$130,752.00$$



Signature of Contractor Representative



Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1800.00	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$2,112.00	<< Production Bonus/Penalty
Pay adjustment for placement = \$640.00	<< Placement Bonus/Penalty
Total pay = \$130,752.00	

TEXAS DEPARTMENT OF TRANSPORTATION

QC/QA PAY ADJUSTMENT

SAMPLE ID:	3452860	DATE LOT OPENED:	09/05/2013
SAMPLE STATUS:	Completed	LETTING DATE:	04/23/12
COUNTY:	Titus	CONTROLLING CSJ:	2240-01-012
SAMPLED BY:	RK Hall	SPEC YEAR:	2004
SAMPLE LOCATION:	truck	SPEC ITEM:	3224
MATERIAL CODE:	3452860	SPECIAL PROVISION:	
		MIX TYPE:	SS3224_D_Fine_Surface
PRODUCER:	RK Hall		
AREA ENGINEER:	Rick Kronenberger, PE	PROJECT MANAGER:	Robert Dick
COURSE/LIFT:	Surface	STATION:	
		DIST. FROM CL.:	
Lot Opened:	9/5/2013	Total Quantity Actually Placed, Tons:	1,568.72
		Bid Price / Tons:	\$.80.00
		Quantity Placed But No Air Void Testing Was Required, Tons:	0.00
		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:	96.4	96.5	97.0	96.9
Absolute Deviation:	0.1	0.0	0.5	0.4
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	1.050	1.031	1.038
Average Pay Factor:	1.042			
Production Pay Factor:	1.042			

IN PLACE AIR VOIDS

TxDOT Sublot:	1	2	3	4
Average Percent Air Voids:	5.7	4.6	7.1	4.6
Auto 1.000 Pay Factor:				
Pay Factor:	1.050	0.990	1.028	0.990
Average Pay Factor:	1.015			
Placement Pay Factor:	1.015			

PAYMENT FOR ITEM = P_i

$$P_i = \text{Bid price} \times (\text{Total quantity actually placed} - \text{Quantity left in place without payment})$$

$$P_i = \text{Bid price} \times \text{Quantity with payment}$$

$$P_i = \text{BP} \times Q_{\text{PAY}}$$

$$P_i = \$80.00 \times 1,568.72$$

$$P_i = \$125,497.60$$

PAY ADJUSTMENT FOR PRODUCTION = P_{PR}

$$P_{\text{PR}} = [(\text{Payment for item} \times \text{Production pay factor}) - \text{Payment for item}] / 2$$

$$P_{\text{PR}} = [(P_i \times \text{PF}_{\text{PR}}) - P_i] / 2$$

$$P_{\text{PR}} = [(\$125,497.60 \times 1.042) - \$125,497.60] / 2$$

$$P_{\text{PR}} = \$2,635.45$$

PAY ADJUSTMENT FOR PLACEMENT = P_{PL}

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

$$P_{\text{PL}} = [(\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}) \times \text{PF}_{\text{PL}}) - (\text{BP} \times (Q_{\text{PAY}} - Q_{\text{MS}}))] / 2$$

$$P_{\text{PL}} = [(\$80.00 \times (1,568.72 - 0.00) \times 1.015) - (\$80.00 \times (1,568.72 - 0.00))] / 2$$

$$P_{\text{PL}} = \$941.23$$

TOTAL PAY

$$\text{Total Pay} = \text{Payment for item} + \text{Pay adjustment for production} + \text{Pay adjustment for placement}$$

$$\text{Total Pay} = P_i + P_{\text{PR}} + P_{\text{PL}}$$

$$\text{Total Pay} = \$125,497.60 + \$2,635.45 + \$941.23$$

$$\text{Total Pay} = \$129,074.28$$


Signature of Contractor Representative
Signature of TX DOT Representative

SITEMANAGER DATA	
Total Quantity With Payment = 1568.72	<< Tonnage for Specification Item 3224
Pay adjustment for production = \$2,635.45	<< Production Bonus/Penalty
Pay adjustment for placement = \$841.23	<< Placement Bonus/Penalty
Total pay = \$129,074.28	

Ride Quality Analysis Rel 2013.01.03
 TxDOT Smoothness Specification 585
 Report run on Thursday Sep 19 2013 3:09:02PM
 Input profile data file created Tuesday Sep 17 2013 6:51:54PM

District 19 Highway US0067
 Area Office Mt Pleasant Beg RM 0000 +00.000
 County 225 Beg Station 0112+80.0
 CSJ 2040-01-012 Lane roadbed K1
 Phone 936-672-3244 Name Bobby
 Input file m:\titus county\public\job-fm 2348\construction management\qa & qc -
 vendor program\iri\eb us 67 in k1 run1.pro
 Comment
 Comment

Bump penalty fine -\$250 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 75(\$0) to 95(-\$400)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.7347 Length(Station Units) 0038+79.2ft.

Distance	Station	Type	width(feet)	Elev(inches)	Penalty
00.2331	125+10.7	Dip	1.5	-.16	-\$ 250
00.5184	140+17.4	Dip	4.0	-.20	-\$ 250
Bumps/dips detected 2					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 0.1505 inches from the moving average of the profile.
 Bumps not calculated on margins of profile where filtering is tapered on and off.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	118+08.0	4.88	41.23	37.55	39.00	\$420*(0.1000/0.10)	\$ 420
00.2000	123+36.0	4.84	43.13	41.68	42.00	\$360*(0.1000/0.10)	\$ 360
00.3000	128+64.0	4.72	45.52	56.24	51.00	\$180*(0.1000/0.10)	\$ 180
00.4000	133+92.0	4.85	39.74	43.15	41.00	\$380*(0.1000/0.10)	\$ 380
00.5000	139+20.0	4.60	61.46	51.87	57.00	\$ 60*(0.1000/0.10)	\$ 60
00.6000	144+48.0	4.30	74.03	63.53	69.00	\$ 0*(0.1000/0.10)	\$ 0
00.7000	149+76.0	4.72	48.42	54.70	52.00	\$160*(0.1000/0.10)	\$ 160
00.7347	151+59.2	4.86	37.15	43.94	41.00	\$380*(0.0347/0.10)	\$ 132
Pay Adjustment Subtotal							\$ 1692

Ave Left IRI 49.9 Ave Right IRI 49.5 Ave IRI 49.7
 Total IRI adjustments \$ 1692
 Total Bump adjustments -\$ 500

TOTAL RIDE BONUS

\$1,192

1,009

2,839

1,651

\$6,691

Ride Quality Analysis **Rel 2013.01.05**
 TXDOT Smoothness Specification 585
 Report run on Thursday Sep 19 2013 3:10:47PM
 Input profile data file created Tuesday Sep 17 2013 6:52:02PM

District 19 Highway US0067
 Area Office Mt Pleasant Beg RM 0000 +00.000
 County 225 Beg Station 0112+80.0
 CSJ 2040-01-012 Lane roadbed K2
 Phone 936-672-3244 Name Bobby
 Input file m:\titus county\public\job-fm 2348\construction management\qa & qc -
 vendor program\iri\eb us 67 ln k2 run1.pro
 Comment
 Comment

Bump penalty fine -\$250 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 75(\$0) to 95(-\$400)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.7347 Length(Station Units) 0038+79.2ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	118+08.0	4.75	50.20	47.92	49.00	\$220*(0.1000/0.10)	\$ 220
00.2000	123+36.0	4.76	44.32	51.91	48.00	\$240*(0.1000/0.10)	\$ 240
00.3000	128+64.0	4.52	50.95	68.70	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.4000	133+92.0	4.78	43.47	49.27	46.00	\$280*(0.1000/0.10)	\$ 280
00.5000	139+20.0	4.52	57.48	62.10	60.00	\$ 0*(0.1000/0.10)	\$ 0
00.6000	144+48.0	4.56	56.57	59.70	58.00	\$ 40*(0.1000/0.10)	\$ 40
00.7000	149+76.0	4.72	50.61	52.19	51.00	\$180*(0.1000/0.10)	\$ 180
00.7346	151+58.7	4.70	59.60	45.46	53.00	\$140*(0.0347/0.10)	\$ 49
Pay Adjustment Subtotal							\$ 1009

Ave Left IRI 50.9 Ave Right IRI 55.5 Ave IRI 53.2
 Total IRI adjustments \$ 1009
 Total Bump adjustments \$ 0

Ride Quality Analysis **REL 2013-01-09**
 TxDOT Smoothness Specification 585 **[REDACTED]**
 Report run on Thursday Sep 19 2013 3:12:16PM
 Input profile data file created Tuesday Sep 17 2013 6:52:10PM

District 19 Highway US0067
 Area Office Mt Pleasant Beg RM 0000 +00.000
 County 225 Beg Station 0153+50.0
 CSJ 2040-01-012 Lane roadbed K6
 Phone 936-672-3244 Name Bobby
 Input file m:\titus county\public\job-fm 2348\construction management\qa & qc -
 vendor program\iri\wb us 67 ln k6 run1.pro
 Comment
 Comment

Bump penalty fine -\$250 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 75(\$0) to 95(-\$400)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.735 Length(Station Units) 0038+80.8ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	158+78.0	4.84	47.87	36.99	42.00	\$360*(0.1000/0.10)	\$ 360
00.2000	164+06.0	4.85	37.04	46.08	42.00	\$360*(0.1000/0.10)	\$ 360
00.3000	169+34.0	4.88	38.07	41.10	40.00	\$400*(0.1000/0.10)	\$ 400
00.4000	174+62.0	4.77	44.50	49.39	47.00	\$260*(0.1000/0.10)	\$ 260
00.5000	179+90.0	4.95	31.86	37.82	35.00	\$500*(0.1000/0.10)	\$ 500
00.6000	185+18.0	4.92	38.74	34.87	37.00	\$460*(0.1000/0.10)	\$ 460
00.7000	190+46.0	4.85	43.82	39.02	41.00	\$380*(0.1000/0.10)	\$ 380
00.7349	192+30.3	4.83	43.03	43.00	43.00	\$340*(0.0349/0.10)	\$ 119
						Pay Adjustment Subtotal	\$ 2839
Ave Left IRI		40.4	Ave Right IRI		40.9	Ave IRI 40.65	
Total IRI adjustments		\$ 2839					
Total Bump adjustments		\$ 0					

[REDACTED]

Ride Quality Analysis Rel 2013.01.03
 TXDOT Smoothness Specification 585 [REDACTED]
 Report run on Thursday Sep 19 2013 3:13:02PM
 Input profile data file created Tuesday Sep 17 2013 6:52:20PM

District 19 Highway US0067
 Area Office Mt Pleasant Beg RM 0000 +00.000
 County 225 Beg Station 0153+50.0
 CSJ 2040-01-012 Lane roadbed K7
 Phone 936-672-3244 Name Bobby
 Input file m:\titus county\public\job-fm 2348\construction management\qa & qc -
 vendor program\iri\wb us 67 ln k7 run1.pro
 Comment
 Comment

Bump penalty fine -\$250 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 75(\$0) to 95(-\$400)
 Bonus paid in sections with bump.

Profile Length(Miles) 0.7355 Length(Station Units) 0038+83.4ft.

Distance	Station	PSI	IRI(L)	IRI(R)	Avg IRI	Pay*SectLen	Pay
00.1000	158+78.0	4.42	66.20	61.37	64.00	\$ 0*(0.1000/0.10)	\$ 0
00.2000	164+06.0	4.67	48.62	59.57	54.00	\$120*(0.1000/0.10)	\$ 120
00.3000	169+34.0	4.82	38.03	49.35	44.00	\$320*(0.1000/0.10)	\$ 320
00.4000	174+62.0	4.83	40.65	45.19	43.00	\$340*(0.1000/0.10)	\$ 340
00.5000	179+90.0	4.85	35.75	46.65	41.00	\$380*(0.1000/0.10)	\$ 380
00.6000	185+18.0	4.82	44.86	42.25	44.00	\$320*(0.1000/0.10)	\$ 320
00.7000	190+46.0	4.64	50.12	59.70	55.00	\$100*(0.1000/0.10)	\$ 100
00.7354	192+32.9	4.73	41.68	58.52	50.00	\$200*(0.0355/0.10)	\$ 71
						Pay Adjustment Subtotal	\$ 1651
Ave Left IRI 46.1		Ave Right IRI 52.3		Ave IRI 49.2			
Total IRI adjustments		\$ 1651					
Total Bump adjustments		\$ 0					



INVOICE

Southwest Environment Services, LLC

2400 E. Erwin
Tyler, TX 75702
903-531-2211 (Phone)
903-531-2312 (Fax)

DATE: October 28, 2013
CITY: 1028-01

FOR: Signs / Post

BILL TO: H H Howard

Street Address
City, ST ZIP Code
903-573-0656

	DESCRIPTION	AMOUNT
1 - JCT	21X15 Alum Hw/bk (sign + freight charge) =	<u>\$252.78</u>
1 - Tx 49	24x24 Alum Hw/bk	
1 - TWT Post	16'	

MATERIAL - Signs (Inspected) Post(Tx Dot Approved)

JOB: Titus Co. (fm 2348) CSJ 2240-01-012

QUANTITY \$ 252.78

TOTAL \$

Make all checks payable to Southwest Environment Services, LLC. If you have any questions concerning this invoice, please contact Bridget Hafner at bridget@sw-env.com.

THANK YOU FOR YOUR BUSINESS!

TOTAL \$ 252.78

HH HOWARD & SONS
PTP TRANSPORTATION
FM 2348

	<u>QUANTITY</u>	<u>RATE</u>	<u>TIME</u>		
LABOR					
DRIVER	1.00	14.00	3.50	49.00	
UTILITY MAN	1.00	12.00	3.50	<u>42.00</u>	\$91.00
ALLOWABLE COMP @ 25%					\$22.75
PREMIUMS & BURDEN @ 55%					\$50.05

	<u>QUANTITY</u>	<u>RATE</u>	<u>TIME</u>		
EQUIPMENT RENT					
GENERATOR	1.00	4.00	3.50	14.00	
TRAILER	1.00	5.00	3.50	17.50	
1 TON TRUCK	1.00	14.00	3.50	<u>49.00</u>	\$80.50
ALLOWABLE COMP @ 15%					\$12.08

	<u>QUANTITY</u>		<u>PRICE</u>		
MATERIALS					
S 80 21' POST	2.00	EA	250.50	501.00	
STUB ASSEMBLY	2.00	EA	78.00	156.00	
CONCRETE	8.00	EA	8.50	<u>68.00</u>	\$726.00
ALLOWABLE COMP @ 25%					\$181.25

TOTAL \$1,162.63

~~-2.00~~ EA \$ ~~-581.31~~

$$\begin{array}{r}
 1162.63 \\
 116.00 \\
 \hline
 1278.63
 \end{array}$$
 + 21x15 (Alum Hiw/bk) + freight = 252.78 (add change order)

(upcharge for us) ~~116.00~~

~~1162.63~~

Total request for change order #3



INVOICE

Southwest Environment Services, LLC

2400 E. Erwin
Tyler, TX 75702
903-531-2211 (Phone)
903-531-2312 (Fax)

DATE: October 1, 2013
INVOICE # 1001-01
FOR: Signs/Erosion/Traffic Control
BILL TO: H H Howard
Company Name
Street Address
City, ST ZIP Code
903-656-3846

DESCRIPTION	AMOUNT
1- 644-2053 - (S L 60)	\$270.00
2- Co Rd signs 42"x24" \$134.40 ea.	\$268.80

Job : 2463 Titus Co.(fm 2348)

Material Tx Dot Approved

SUBTOTAL	\$	538.80
TAX RATE		8.25%
SALES TAX		44.45
OTHER		-
TOTAL	\$	583.25

Make all checks payable to Southwest Environment Services, LLC. If you have any questions concerning this invoice, please contact Bridget Hefner at bridget@sw-env.com.

THANK YOU FOR YOUR BUSINESS!



INVOICE

Southwest Environment Services, LLC

2400 E. Erwin
Tyler, TX 75702
903-531-2211 (Phone)
903-531-2312 (Fax)

DATE September 19, 2013
INVOICE # 0919-01
FOR Signs/Erosion/Traffic Control
BILL TO: H H Howard
Company Name
Street Address
City, ST ZIP Code
903-573-0656

DESCRIPTION	AMOUNT
2 - W3-3 (Signal Ahead -Sy.) 48x48 FIY alum. \$240.00 ea.	\$480.00

JOB: Titus Co. (fm 2348) 2240-01-012

Signs Inspected: #2463

<i>SUBTOTAL</i>	\$	480.00
<i>TAX RATE</i>		8.25%
<i>SALES TAX</i>		39.60
<i>OTHER</i>		-
TOTAL	\$	519.60

Make all checks payable to Southwest Environment Services, LLC. If you have any questions concerning this invoice, please contact Bridget Hefner at bridget@sw-env.com.

THANK YOU FOR YOUR BUSINESS!

Item No	Description	Units	12 Month Moving		
			Quantity	Average Bid	Usage
644 2053	IN SM RD SN SUP & AM TYTWT (1) WA (P)	EA	115.000	304.26087	3
644 2004	IN SM RD SN SUP & AM TY10BWG (1) SA (T)	EA	3,338.000	496.94666	223



A DISADVANTAGED BUSINESS - VN#5677

CHANGE ORDER REQUEST

DATE SUBMITTED: 12/05/13
 SUBMITTED TO: HH HOWARD
 STREET ADDRESS:
 CITY, ST ZIP:
 PHONE:

DATE OF PLANS:
 JOB NO.: 10-1376
 JOB LOCATION: FM 2348 TITUS COUNTY
 PROJECT NUMBER: 2240-01-012
 FAX:

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

ITEM NO.	DESCRIPTION	UNITS	QTY	PRICE	SUBTOTAL
8251 2003	RE PM W/RET REQ TY I 4" WHT BRK 100 MIL	LF	2,000	\$0.37	\$740.00
8251 2006	RE PM W/RET REQ TY I 4" WHT SLD 100 MIL	LF	8,008	\$0.37	\$2,962.96
8251 2018	RE PM W/RET REQ TY I 4" YEL SLD 100 MIL	LF	16,016	\$0.37	\$5,925.92
8251 2040	RE PM W/RET REQ TY I 8" WHT SLD 100 MIL	LF	250	\$1.00	\$250.00
668 2106	TY C WHT ARROW	EA	2	\$150.00	\$300.00
668 2116	TY C WHT WORK	EA	2	\$225.00	\$450.00
672 2012	RPMS TY I-C	EA	100	\$3.75	\$375.00
672 2015	RPMS TY II-AA	EA	1,600	\$3.75	\$6,000.00
NOTES	CODE 96/ PER ORIGINAL QUOTE				
	CHANGE ORDER IS FOR RESTRIPIING OF US 67 PORTION				
	AFTER FOG SEAL				

WE PROPOSE HEREBY TO FURNISH MATERIAL, EQUIPMENT, AND LABOR COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS FOR THE SUM OF >>>>>>>>> \$17,003.88

PAYMENT TO BE MADE AS DESCRIBED BELOW:

ALL MATERIAL IS GUARANTEED TO BE SPECIFIED. ALL WORK SHALL BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATION FROM ABOVE SPECIFICATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS AND WITH SIGNED CONSENT.

AUTHORIZED BY

NOTE THIS PROPOSAL MAY BE WITHDRAWN BY US IS NOT ACCEPTED WITHIN 30 DAYS

ACCEPTANCE OF PROPOSAL

THE ABOVE PRICES, SPECIFICATIONS, TERMS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

SIGNATURE

DATE OF ACCEPTANCE

SIGNATURE