PO# 125695 BH rec 404901

INVOICE IDCUS INC.

Fort Bend County - Crabb River Road PS&E

Bill To: Mr. Richard Stolleis, P.E. County Engineer Fort Bend County

301 Jackson Street

Richmond, TX 77469

P.O. #: 125695 Project #: 402-0402 Contract Number: Invoice Number: 10869 Invoice Date: April 28, 2017 Billing Period: Through April 7, 2017

Original Contract Amount: Amendment No. 1: \$2,165,059.00 \$ 226,025.33

Total Contract:

\$2,391,084.33

Fee Earned:

\$ 2,185,959.22

Total Amount Earned:

2,185,959.22

Less Previously Invoiced:

\$ 1,931,779.78 V

1,931,779.78

Total Invoice Amount:

254,179.44

WA Amount Remaining: \$ 205,125.11





April 28, 2017

Mr. Richard W. Stolleis, P.E. Fort Bend County Engineer 301 Jackson Street Richmond, Texas 77469

Re: Billing Period No. 16 IDC Invoice No. 10869

Services through April 7, 2017 Purchase Order No.: 125695 Project No. 402-0402 Crabb River Road PS&E

From Rabbs Bayou to South of LCISD New HS/JHS Complex.

Dear Mr. Stolleis:

Enclosed is IDC's invoice for services performed through April 7, 2017 in the amount of \$254,179.44 for your consideration and further handling. Two copies of the following documents are attached:

- Invoice No. 10869
- Progress Report No. 16

Sincerely, IDCUS Inc.

Larry F. Janak, P.E.

Principal



INVOICE No. 16 CRABB RIVER ROAD PS&E SCHEDULE OF VALUES

PS&E PHASE

SCHEDULE OF VALUES			SERVIC	ES THROUGH:	ROUGH: 4/7/2017	
TASK DESCRIPTION	CONTRACT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE	
ROADWAY DESIGN	Alliooni	Oom LL1L	10 5/112		THOMATONE	
A. Typical Sections - Existing	\$10,933.00	100.0%	\$10,933.00	\$10,933.00	\$0.0	
B .Crabb River Road Typ Sections - Proposed	\$42,971.00	95.0%	\$40,822.45	\$38,673.90	\$2,148.5	
B.1. Prop Typ Section at CRR/Thompson Intersection	\$920.81	95.0%	\$874.77		\$874.7	
C. Proposed Typ Sections - Side streets	\$13,324.00	95.0%	\$12,657.80	\$11,991.60	\$666.2	
D. Roadway P&P	\$141,167.00	95.0%	\$134,108.65	\$127,050.30	\$7,058.3	
D.1. Rev P&P at CRR/Thompsons Intersection	\$2,297.63	95.0%	\$2,182.75	644 600 00	\$2,182.7	
E. Horizontal Align Data	\$14,689.00	100.0%	\$14,689.00	\$14,689.00 \$21,467.70	\$0.0 \$1,192.6	
F. Thompson Road P&P G. Intersections Layouts & Grading	\$23,853.00 \$53,992.00	95.0% 95.0%	\$22,660.35 \$51,292.40	\$48,592.80	\$2,699.6	
G.1. Rev CRR/Thompsons Intersection Layout	\$920.81	95.0%	\$874.77	\$40,032.00	\$874.7	
H. Misc Roadway Details	\$19,995.00	95.0%	\$18,995.25	\$17,995.50	\$999.	
Driveway Table & Details	\$10,991.00	95.0%	\$10,441.45	\$9,891.90	\$549.	
J. Roadway Standards	\$8,024.00	95.0%	\$7,622.80	\$7,221.60	\$401.2	
K. Roadway Summaries	\$24,467.00	90.0%	\$22,020.30	\$18,350.25	\$3,670.0	
Subtotal	\$368,545.25	95.0%	\$350,175.74	\$326,857.55	\$23,318.1	
. DRAINAGE DESIGN						
A. Drainage Area Watershed Map	\$7,118.00	100.0%	\$7,118.00	\$6,406.20	\$711.8	
B. DA Layouts	\$45,105.00	95.0%	\$42,849.75	\$40,594.50	\$2,255.2	
C. Drainage P&P	\$99,330.00	95.0%	\$94,363.50	\$89,397.00	\$4,966.	
D. Thompson Road Drainage P&P	\$26,221.00	95.0%	\$24,909.95	\$23,598.90	\$1,311.	
E. Crabb River Road Drainage Calcs	\$43,790.00	95.0%	\$41,600.50	\$39,411.00	\$2,189.	
F. Drainage Ditch Calcs	\$6,554.00	95.0%	\$6,226.30	\$5,898.60	\$327.	
G. Rabbs Bayou Bridge Calcs	\$13,871.00	95.0%	\$13,177.45	\$12,483.90	\$693.	
G.1. Rabbs Bayou Scour Report	\$5,571.62	100.0%	\$5,571.62	640,400,00	\$5,571.	
H. Gapps Slough Drainage Calcs	\$13,871.00	95.0%	\$13,177.45		\$693.	
I. Lateral Sheets	\$43,380.00 \$13,242.00	95.0% 95.0%	\$41,211.00 \$12,579.90		\$2,169. \$662.	
J. Misc Drainage Details K. Detention Pond - Rabbs Bayou	\$13,242.00	95.0%	\$17,411.60		\$916.	
L. Detention Pond #1 - Gapps Slough	\$14,850.00		\$14,107.50		\$742.	
M. Detention Pond #2 - Gapps Slough	\$14,850.00		\$14,107.50		\$742.	
M.1. Mod Det Pond #2	\$6,197.18		\$5,887.32		\$5,887.	
M.2. Hyd Analysis of Gapps Slough Rdwy Overtopping	\$6,512.89		\$6,512.89		\$6,512.	
N. Drainage Standards	\$8,676.00	95.0%	\$8,242.20		\$433.	
O. Drainage Summaries	\$14,821.00	90.0%	\$13,338.90		\$2,223.	
Subtotal	\$402,288.69	95.1%	\$382,393.33	\$343,383.15	\$39,010.	
II. SIGNING & PAVEMENT MARKINGS			14			
A. Sign & Pavement Marking Layouts	48,555.00		\$46,127.25		\$2,427.	
B. Small Sign Summary	9,626.00		\$8,663.40		\$1,443.	
C. Pavement Marking Summary	9,626.00		\$8,663.40		\$1,443.	
D. Standard Details & Existing Sign Inventory	9,626.00		\$9,144.70		\$481.	
Subtotal	77,433.00	93.8%	72,598.75	66,801.90	5,796.	
V. TRAFFIC SIGNALIZATION						
A. Signal Warrant - Tara Dr.	\$8,675.00		\$8,675.00		\$867.	
B. Signal Warrant - Thompson Rd	\$8,676.00		\$8,676.00		\$867.	
C. Signal Warrant - School Entrance	\$8,676.00		\$8,676.00		\$867.	
C.1. Signal Warrant - Berdett Road C.2. Signal Warrant - 2nd School Entrance	\$8,676.06		\$8,676.06 \$8,676.06		\$8,676 \$8,676	
	\$8,676.06 \$23,123.00		\$21,966.85		\$1,156	
D. Signal Design - Tara Dr. E. Signal Design - Thompsons Rd.	\$23,123.00		\$21,966.85			
F. Signal Design - School Entrance	\$23,123.00		\$21,966.85		\$1,156	
F.1. Signal Design - Berdett Road	\$23,122.51		\$21,966.38		\$21,966	
F.2. Signal Design - 2nd School Entrance	\$23,122.51		\$21,966.38		\$21,966	
Subtotal	\$158,993.14		\$153,212.44		\$67,356	
V. MISCELLANEOUS ROADWAY						
A. Title Sheet	\$9,457.00	90.0%	\$8,511.30	\$8,511.30	\$0	
B. Index Sheet	\$11,284.00					
C. Project Layout Sheet	\$41,480.00					
D. Demo Sheet	\$31,307.00			\$28,176.30	\$3,130	
E. Design Cross Sections	\$54,664.00			\$49,197.60	\$2,733	
F. Existing Utility Layouts	\$35,371.00					
G. Proposed Utility Plan	\$35,371.00					
H. Utility Details	\$18,766.00					
I. Utility Summaries	\$9,517.00					
J. BNSF RR Exhibit	\$11,694.00					
J.1. Mod RR Exhibit	\$2,136.86				\$1,923	
K. Pond Backfill Layout/Typ Section	\$3,791.39				\$3,791	
Subtotal	\$264,839.2	96.1%	\$254,561.50	\$230,695.05	\$23,866.	



INVOICE No. 16 CRABB RIVER ROAD PS&E

PS&E PHASE

SCHEDULE OF VALUES			SERVICES THROUGH:		4/7/2017	
TASK DESCRIPTION	CONTRACT	PERCENT	INVOICED	PREVIOUSLY	AMOUNT	
	AMOUNT	COMPLETE	TO DATE	INVOICED	THIS INVOICE	
VI. GENERAL NOTES & SPECIFCIATIONS						
A. Prepare General Notes & Spec List	17,188.00	90.0%	\$15,469.20	\$12,891.00	\$2,578.2	
B. Prepare Special Specs & Provisions	17,189.00	90.0%	\$15,470.10	\$12,891.75	\$2,578.3	
Subtotal	34,377.00	90.0%	30,939.30	25,782.75	5,156.5	
VII. CONSTRUCTION COST ESTIMATE	20.440.00	00.00	640 400 00	640,400,00	60.0	
A. Estimate Const Cost At 30%, 60%, 90%, 100% & Final	20,112.00	90.0% 90.0 %	\$18,100.80 18,100.80	\$18,100.80 18,100.80	\$0.0	
Subtotal VIII. ASSEMBLE PS&E	20,112.00	90.0%	10,100.00	10,100.00	0.0	
A. 30%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.0	
B. 60%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.0	
C. 90%	\$7,302.00	100.0%	\$7,302.00	\$7,302.00	\$0.0	
D. Final Submittal	\$7,303.00		\$0.00	\$0.00	\$0.0	
Subtotal	\$29,209.00	75.0%	\$21,906.00	\$21,906.00	\$0.0	
IX. PROJECT MANAGEMENT & COORDINATION						
A. Coord. w/ Co., TxDOT & Subs	\$49,110.00	92.0%	\$45,181.20	\$42,234.60	\$2,946.6	
B. Monthly Progress Reports & Invoices	\$27,770.00	92.0%	\$25,548.40	\$23,882.20	\$1,666.2	
C. Project Admin	\$32,945.00	92.0%	\$30,309.40	\$28,332.70	\$1,976.7	
D. Prep & Update Schedule	\$38,995.00	92.0%	\$35,875.40	\$33,535.70	\$2,339.7	
E. Attend Progress Meetings	\$28,794.00	92.0%	\$26,490.48	\$24,762.84	\$1,727.6	
F. Coord. with Utilities	\$28,794.00	95.0%	\$27,354.30	\$24,762.84	\$2,591.4	
G. QA/QC plan	\$24,847.00	100.0%	\$24,847.00	\$21,119.95	\$3,727.0	
Subtotal	\$231,255.00	93.2%	\$215,606.18	\$198,630.83	\$16,975.	
IX.(i) CONSTRUCTION PHASE SERVICES	£4E 000 00		60.00		60.4	
A. Shop Drawing Review B. Response to RFIs	\$15,000.00 \$13,000.00		\$0.00 \$0.00		\$0.0 \$0.0	
C. Site Visits	\$13,000.00		\$0.00		\$0.0	
Subtotal	\$40,000.00	0.0%	\$0.00	\$0.00	\$0.0	
Gabiotal	\$40,000.00		40.00	40.00	Ψυ	
Total IDC Labor	\$1,627,052.33	92.2%	\$1,499,494.10	\$1,318,014.43	\$181,479.0	
Direct Costs						
A. IDC Expenses	\$7,226.00	95.00%	\$6,864.70	CONTRACTOR OF THE PARTY OF THE	\$1,445.2	
Total Direct Costs	\$7,226.00	95.0%	\$6,864.70	\$5,419.50	\$1,445.2	
TOTAL IDC COSTS	1,634,278.33	92.2%	1,506,358.80	1,323,433.93	182,924.8	
SUBCONSULTANTS X, PROJECT COORD & ADMIN - PB	a serventer			Established Section 1	The state of the state of the state of	
		The state of the s	W		THE REPORT OF THE PARTY OF	
	\$7,600,00	95.0%	\$7,220,00	\$7,220,00	\$0.0	
A. Coordination	\$7,600.00 \$5,059.00	95.0% 95.0%	\$7,220.00 4.806.05		\$0.	
A. Coordination B. Meetings	\$5,059.00	95.0%	4,806.05	\$4,806.05	\$0.0	
A. Coordination B. Meetings C. QA/QC	\$5,059.00 \$8,918.00	95.0% 95.0%	4,806.05 \$8,472.10	\$4,806.05 \$8,472.10	\$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal	\$5,059.00	95.0% 95.0%	4,806.05	\$4,806.05 \$8,472.10	\$0. \$0.	
A. Coordination B. Meetings C. QA/QC	\$5,059.00 \$8,918.00 \$21,577.00	95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15	\$4,806.05 \$8,472.10 \$20,498.15	\$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes	\$5,059.00 \$8,918.00	95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70	\$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00	95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15	\$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00	95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15	\$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85	\$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85	\$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80 2,340.00	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 90.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80 2,340.00 6,387.20	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit D. TCP Details	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$8,801.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80 2,340.00 6,387.20 8,360.95	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80 \$8,360.95	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP- BNSF RR Exhibit D. TCP Details Subtotal	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80 2,340.00 6,387.20	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80 \$8,360.95	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP-BNSF RR Exhibit D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$8,801.00 \$102,326.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 90.0% 80.0% 95.0%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 4,113.50 64,128.80 2,340.00 6,387.20 8,360.95 95,882.10	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80 \$88,360.95 \$87,154.90	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$2,340. \$6,387. \$0.	
A. Coordination B. Meetings C. QA/QC Subtotal XI. SW3P PLANS - PB A. General Notes B. Plans Subtotal XII. TRAFFIC CONTROL PLANS - PB A. TCP Narrative & Notes B. Advance Warning Signs C. TCP Layouts C.1 SWPPP - Detention ponds C.2. TCP-BNSF RR Exhibit D. TCP Details Subtotal XIII. GAPPS SLOUGH BRIDGE CLASS CULVERT - PB A. Culvert Layout	\$5,059.00 \$8,918.00 \$21,577.00 \$1,026.00 \$29,997.00 \$31,023.00 \$11,107.00 \$4,330.00 \$67,504.00 \$2,600.00 \$7,984.00 \$8,801.00 \$102,326.00	95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 95.0% 90.0% 80.0% 95.0% 93.7%	4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 10,551.65 4,113.50 64,128.80 2,340.00 6,387.20 8,360.95 95,882.10	\$4,806.05 \$8,472.10 \$20,498.15 \$974.70 \$28,497.15 \$29,471.85 \$10,551.65 \$4,113.50 \$64,128.80 \$87,154.90 \$3,782.90	\$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$0. \$2,340. \$6,387. \$0.	
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INVOICE No. 16 CRABB RIVER ROAD PS&E SCHEDULE OF VALUES

PS&E PHASE

SCHEDULE OF VALUES	PS&E PHASE		SERVICES THROUGH:		4/7/2017	
TASK DESCRIPTION	CONTRACT	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE	
XV. NOISE WALLS - PB						
A. Wall Layout NB-1A	\$4,947.00	95.0%	\$4,699.65	\$4,699.65	\$0.00	
B. Wall Layout NB-1B	\$6,218.00	95.0%	\$5,907.10	\$5,907.10	\$0.00	
C. Wall Layout NB-2	\$6,218.00	95.0%	\$5,907.10	\$5,907.10	\$0.00	
D. Wall Layout NB-3	\$6,218.00	95.0%	\$5,907.10	\$5,907.10	\$0.00	
E. Summaries & Standards	\$8,918.00	95.0%	\$8,472.10	\$8,472.10	\$0.00	
E.1 Sound Wall Revisions	\$3,541.00	95.0%	\$3,363.95		\$3,363.95	
E.2. Noise Workshop Preparation	\$9,017.00		\$0.00		\$0.00	
Subtotal	\$45,077.00	76.0%	\$34,257.00	\$30,893.05	\$3,363.95	
XVI. SAFETY LIGHTING - PB						
A. Lighting Plans	\$7,212.00		\$0.00	\$0.00	\$0.00	
B. Details & Summaries	\$7,935.00		\$0.00	\$0.00	\$0.00	
Subtotal	\$15,147.00	0.0%	\$0.00	\$0.00	\$0.00	
XVII. SUBMITTALS - PB					- W. C.	
A. Plot Drawings	\$11,706.00	95.0%	\$11,120.70	\$11,120.70	\$0.00	
B. Cost Estimates	\$3,765,00	95.0%	\$3,576.75	\$3,576.75	\$0.00	
Subtotal	\$15,471.00	95.0%	\$14,697.45	\$14,697.45	\$0.00	
	\$10,471.00	00.070	V14,001.40	\$14,007.40	\$0.00	
Total PB Labor	\$420,924.00	89.4%	\$376,402.05	\$312,234.60	\$64,167.45	
A. PB Expenses	\$8,595.00	93.0%	\$7,993.35	\$7,735.50	\$257.85	
A.1 Additional Expenses	\$800.00	32.0%	\$256.00		\$256.00	
TOTAL PB COSTS	430,319.00	89.4%	384,651.40	319,970.10	64,681.30	
XVIII. GEOTECHNICAL INVESTIGATIONS - HTS	***************************************		***************************************			
A. Field Work	600 405 00	400.000	600 405 00	600 405 00	80.00	
	\$22,425.00	100.0%	\$22,425.00	\$22,425.00	\$0.00	
B. Install Piezometer	\$2,416.00	100.0%	\$2,416.00	\$2,416.00	\$0.00	
C. Lab Testing	\$17,501.00	90.0%	\$15,750.90	\$15,750.90	\$0.00	
D. Prepare Report	\$17,670.00	41.1%	\$7,262.37	\$689.10	\$6,573.27	
Total	\$60,012.00	79.7%	\$47,854.27	\$41,281.00	\$6,573.27	
XIX. FIELD SURVEYING & ROW MAPPING - HZI						
A. Acquire ROE	\$3,000.00	100.0%	\$3,000.00		\$0.00	
B. Set Control & Topographic Surveys	\$90,000.00	100.0%	\$90,000.00		\$0.00	
C. Cross Section Rabb's Bayou & Gapp's Slough	\$6,380.00	100.0%	\$6,380.00		\$0.00	
C.1. Rabbs Bayou Additional Survey	\$3,220.00		\$0.00		\$0.00	
C.2.Gapps Slough Additional Survey	\$3,220.00		\$0.00		\$0.00	
D. Prepare ROW Maps & Documents	\$38,920.00	100.0%	\$38,920.00		\$0.00	
D.1.TCE Pond Backfill	\$2,440.00		\$0.00		\$0.00	
E. Deed Research & ROW Monumentation	\$64,205.00	95.0%	\$60,994.75		\$0.00	
F. BNSF RR Survey	\$17,880.00	100.0%	\$17,880.00		\$0.00	
G. Survey Thompson 's Road	\$14,260.00	100.0%	\$14,260.00		\$0.00	
H. Detention Pond Survey	\$15,660.00	100.0%	\$15,660.00		\$0.00	
H.1 Det Pond #2 Additional Survey	\$7,290.00		\$0.00	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TRANSPORT NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAM	\$0.00	
Total	\$266,475.00	92.7%	\$247,094.75	\$247,094.75	\$0.00	
TOTAL PROJECT	\$2,391,084.33	91.4%	\$2,185,959.22	\$1,931,779.78	\$254,179.44	



CRABB RIVER ROAD PS&E PHASE PROGRESS REPORT NO. 16 August 1, 2016 through April 7, 2017

Activities During Current Reporting Period

Task I. Roadway Design

Incorporated 95% comments into 100% submittal.

Task II. Drainage Design

• Incorporated 95% comments into 100% submittal.

Task III. Signing & Pavement Markings

Incorporated 95% comments into 100% submittal.

Task IV. Traffic Signals

• Incorporated 95% comments into 100% submittal.

Task V. Miscellaneous Roadway

- Incorporated 95% comments into 100% submittal.
- Conducted final utility coordination meeting.

Task VI. General Notes & Specifications

Incorporated 95% comments into 100% submittal.

Task VII. Construction Cost Estimate

No activity this period.

Task VIII. Assemble PS&E

Prepared 100% submittal.

Task IX. Project Management & Coordination

- Responded to TxDOT comments.
- Submitted 100% PS&E on 4-7-2017
- Conducted progress meeting with TxDOT PM.
- Submitted invoice & progress report.
- Updated project schedule.
- · Updated County on progress.
- County approved Contract Modification No. 1.

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• Page 2 April 28, 2017

Task X. Project Coordination & Administration – PB

Participated in TxDOT Coordination meetings.

Task XI. SW3P Plans - PB

Incorporated 95% comments into 100% submittal.

Task XII. Traffic Control Plans - PB

• Incorporated 95% comments into 100% submittal.

Task XIII. Gapps Slough Bridge Class Culvert-PB

Incorporated 95% comments into 100% submittal.

Task XIV. Rabbs Bayou Bridge-PB

• Incorporated 95% comments into 100% submittal.

Task XV. Noise Walls - PB

• Incorporated 95% comments into 100% submittal.

Task XVI. Safety Lighting – PB

• Incorporated 95% comments into 100% submittal.

Task XVII. Submittals - PB

• Prepared plans for 100% submittal.

Task XVIII. Geotechnical Investigations – HTS

- Updated draft report.
- Waiting on ROE to investigate detention pond sites.

Task XIX. Field Surveying & ROW Mapping – HZI

ROW map approved by TxDOT.

Activities Anticipated Next Reporting Period

- Receive 100% comments from TxDOT.
- Submit Contract Modification No. 2 to remove proposed pond backfill and replace with retaining wall.
- Monitor status of RR exhibit review.

Harris, Britten

From: Peterson, Jillian

Sent: Friday, May 12, 2017 9:46 AM

To: Harris, Britten

Subject: FW: X28 Crabb River Road Invoices

Attachments: X28 CRR Invoice 016 - 10869.pdf; X28 CRR PE Invoice 022 - 10861.pdf

Jillian Peterson

Special Projects Coordinator Fort Bend County Engineering W. 281-633-7507 Jillian.Peterson@FortBendCountyTx.gov

ENGINEERING HAS MOVED TO 301 JACKSON STREET RICHMOND, TX 77469.

From: Don Durgin [mailto:Don.Durgin@klotz.com]

Sent: Friday, May 12, 2017 9:33 AM

To: Peterson, Jillian

Subject: X28 Crabb River Road Invoices

Jillian,

I have reviewed the attached invoices and recommend approval. Please process for payment.

Invoice 10869 is for the Final Design. This is the first invoice since an amendment was approved in December increasing the total to \$2,391,084.33.

Invoice 10861 is the final invoice for Preliminary Engineering. That part of the job is complete.

Thanks.

Donald M. Durgin, P.E. Practice Manager - RPS Klotz Associates 1160 Dairy Ashford, Suite 500

Houston, Texas, 77079

Tel: 281 589 7257

Mobile: 713 269 3913

Email: Don.Durgin@klotz.com
www: rpsgroup.com | klotz.com