February 15, 2011

Mr. D. Jesse Hegemier, P.E. County Engineer Fort Bend County 1124 Blume Road Rosenberg, Texas 77471

Re:

Invoice No. 28 for Ransom Road (FBC Project No. 747)

Partial Payment for Work Authorization No. 4

Project No. 300701.12

Dear Mr. Hegemier:

We have reviewed the enclosed invoice by Othon, Inc., and recommend payment in the amount of \$20,579.56, as submitted. The contract amount of \$1,170.00.00 for Othon was authorized in Work Authorizations 1 through 5. The percentages of completion for which the services have been invoiced appear to be consistent with the actual amount of work completed. Othon has also prepared a progress report, which is attached to the invoice for your review.

Please call me if you have any questions.

Sincerely,

Peter A. Ring, P.E. Project Manager

ELGR.

PAR/bl

Enclosure



OTHON, INC. 11111 Wilcrest Green, Suite 128 Houston, Texas 77042 CONSULTING ENGINEERS Civil, Transportation, Environmental, Construction Management

713 975 8555 TEL 713 975 9068 FAX othon.com@othon.com E-MAIL www.othon.com WEBSITE

February 28, 2011

Fort Bend County Engineering 1124-52 Blume Rd. P.O. Box 1449 Rosenberg, TX 77471

Attn: D. Jesse Hegemier

Sequence No.

29

P.O. No.

15769

Invoice No.

6594R

Project: Project No. Ransom Rd. Widening, Pct. 1.

Project No. FBC Project No. 08229846 747

SPI NO.

300701.08

Engineering Services for January 1, 2011 to February 28, 2011 Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas

Contract	Percent	Invoiced to	Previously	Amount of
Limits	Complete	Date	Invoiced	Invoice
WA #1				
Presentation to Court				
\$5,000.00	100%	\$5,000.00	\$5,000.00	\$0.00
PER Update				
\$24,186.00	100%	\$24,186.00	\$24,186.00	\$0.00
WA #2				
Richmond Extension Analysis				
\$9,205.00	100%	\$9,205.00	\$9,205.00	\$0.00
WA #3				
TIA/Traffic Analysis				
\$29,938.00	100%	\$29,938.00	\$29,938.00	\$0.00
WA #4				
Final Design Services				
\$1,061,838.00	97%	\$1,028,473.51	\$1,007,893.95	\$20,579.56
*** includes SWA #1				
of \$58,255.00				
*** includes SWA #2				
of \$53,058.00				
*** includes SWA #3				
of \$360,176.00				
WA #5				
Bid and Construction Phase				
\$39,834.00	73%	\$28,986.25	\$28,986.25	\$0.00

Total Due This Invoice

\$20,579.56

Thank You Othon Inc.

Charles A Othon, P.E.

Chief Engineer Transportation



February 28, 2011

Fort Bend County Engineering 1124-52 Blume Rd. P.O. Box 1449 Rosenberg, TX 77471

Attn: D. Jesse Hegemier

Sequence No. 29 P.O. No. 15769 Invoice No. 6594R

Project: Ransom Rd. Widening, Pct. 1

Project No. 08229846 FBC Project No. 747 SPI NO. 300701.08

Engineering Services for January 1, 2011 to February 28, 2011 Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas

### WA #5 Detail

Personnel	Classification	Hours	Rate	Labor
Charles Othon	Project Manager	0.0	\$55.29	\$0.00
Frank Olshefski	Sr Project Engineer	0.0	\$54.99	\$0.00
Jim Darden	Project Manager	0.0	\$54.56	\$0.00
Ran Li	Sr. Project Engineer	0.0	\$50.00	\$0.00
Cliff Thomas	Sr Design Tech	0.0	\$28.89	\$0.00
John Ivery	Project Engineer	0.0	\$39.00	\$0.00
Juan Toro	QA/QC	0.0	\$44.25	\$0.00
Tracy Pham	Sr. CADD Tech	0.0	\$31.21	\$0.00
Bobby Ross	Sr. CADD Tech	0.0	\$33.99	\$0.00
Sara Thompkins	Administrative	0.0	\$19.13	\$0.00
Total		0.0		\$0.00
Overhead			1.56	\$0.00
				\$0.00
Operating Margin			0.12	\$0.00
Total Labor				\$0.00
Expenses				\$0.00
	(Delivery)		\$0.00 \$0.00	
			Total due This Invoice	\$0.00
			Invoiced to Date	\$28,986.25
			Amount Previously Invoiced	\$28,986.25

# RANSOM ROAD

# WORK AUTHORIZATION #1, #2, #3, #4, #5

# JANUARY 1, 2011 THROUGH FEBRUARY 28, 2011 PROGRESS REPORT

#### SERVICES TO BE PROVIDED BY THE ENGINEER

The scope of engineering services to be provided by the Engineer shall consist of completing the project engineering for widening approximately 2.5 miles of Ransom Road in Fort Bend County, Texas. The engineering services for Work Authorization #1 shall be for the PER update and the preparation of a power point presentation to the Fort Bend County Commissioners Court. The engineering services for Work Authorization #2 shall be to evaluate alternative designs for the intersection of Ransom Road at Loop 762 in Richmond, Texas. Work Authorization #3 shall be to prepare a TIA for the proposed courthouse complex to be constructed by Fort Bend County on Ransom Road in Richmond, Texas and prepare a traffic analysis for alternate designs for the intersection of Ransom Road at Loop 762. Work Authorization #4 shall be for the preparation of the construction plans, specifications and estimate for the final design of the roadway widening of Ransom Road from northwest of Wheaton Street to Williams Way Boulevard.

Work Authorization No. 4 (WA #4) has been amended with the following Supplemental Work Authorizations:

<u>Supplemental Work Authorization No. 1 (SWA #1, Approved July 2009</u>): Repackage original project limits into two separate PS&E packages; Phase 1 from Pilgrims to Williams Way and Phase 2 from Wheaton to Pilgrim. Prepare utility adjustment design and PS&E for the adjustment of 12" Waterline and 16" Force Main within the Phase 1 project limits.

<u>Supplemental Work Authorization No. 2 (SWA #2, Approved January 2010)</u>: Prepare the horizontal and vertical design for revising the current open ditch design to proposed curb and gutter with Storm Sewer for Phase 1 and Phase 2. Prepare the conceptual drainage design with alternative outfall considerations, preliminary detention analysis, Master Drainage Report Update and preliminary storm sewer design to accommodate the curb and gutter design.

<u>Supplemental Work Authorization No. 3 (SWA #3, Approved February 2010</u>): Supplemental WA No. 3 will provide for the completion of the design and preparation of the Plans, Specifications and Estimates for the Project, Phase 1 and Phase 2 for the revisions related to redesign from the original proposed open ditch design to curb and gutter design including storm sewer as described in SWA #2.

Work Authorization No. 5 (WA #5) has been approved and authorized as of September 2010. This authorization provides for engineering services related to the bidding and award phase of the project, as well as construction related services as required.

**Engineering Services:** 

WA #1 - 100% Complete

WA #2 - 100% Complete

WA #3 - 100% Complete

WA #4 - 96.5% Complete, Includes SWA 1, 2 and 3

WA #5 – 70% Complete (Bidding and Construction Services)

## Design Activities (from January 1, 2011 through February 28, 2011):

## PHASE 1:

Phase 1 PS&E is complete, submitted, bid and awarded in September 2010. See WA #5 for ongoing construction related services.

### PHASE 2:

Preparation of the "Pre-Final" Design plans, specifications and estimate are completed and delivered to SPI on February 21, 2011. These plans are submitted for a pre-final review prior to preparation of final sign and sealed documents, and are considered to be substantially completed pending review. The work performed during this invoice period is related to the final development of these pre-final construction documents, including, but not limited to, final roadway horizontal and profile geometrics (coordinated with drainage design), preparation of final roadway plan and profile, preparation of final drainage design and drawings, final median opening and driveway location and design, evaluation of utility conflicts, completed traffic control plans (including temporary signing and drainage elements), final signing and pavement marking layouts, and related roadway and drainage details.

Design cross sections have been updated to latest design, including side ditches, and provided in the construction documents.

The project's title block has been revised to indicate Williams Way Blvd from Wheaton St to Pilgrim, in lieu of Ransom Blvd, based on previous agreement with SPI.

Coordination with the previously constructed Fort Bend Justice Center, located in the western limits of the Project, has been completed. The utility adjustments conducted in this site project have been incorporated into the roadway Project basefiles.

A preliminary project manual is submitted on February 21, 2011 including a current update of contract quantities and Engineering Estimate of Probable Costs. The necessary Fort Bend County, Harris County, TxDOT, City of Houston Specifications have been identified and included in the Specifications of the Project Manual.

Previous QA/QC comments provided to drainage Subconsultant, LCR, were checked and verified as adequately completed. Items related to the general design depth of pipe and outfall details at Rabb's Bayou and Golfview remain in review, and will be coordinated in final design meeting with SPI. The accommodation of the Young Tract for a design of 100% impervious cover, as has been approved by Fort Bend County, is provided in the drainage design details.

The revised traffic control phasing is completed to the 100% development stage, utilizing Eugene Heimann Circle as detour during various intersection construction activities.

The preparation of a Phase 2 utility conflict exhibit is nearing completion, based on these pre-final design elements. The utility exhibit will identify the potential conflict between existing public/private utilities and the proposed roadway improvements. These conflicts will be provided to SPI by March 4, 2011.

## WA #5 (Bidding and Construction Services):

Work associated with WA#5 related to the Construction Services for Phase 1 construction includes the following:

Minor coordination and clarification of bid items and design. No substantial work this period.