



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
othoncorp@othon.com E-MAIL
www.othon.com WEBSITE

June 7, 2010

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

Attn: D. Jesse Hegemier

Sequence No. 21
P.O. No. 15769
Invoice No. 6264
Project: Ransom Rd. Widening, Pct. 1.
Project No. 08229846
FBC Project No. 747
SPI NO. 300701.08


Engineering Services for May 01, 2010 to May 31, 2010
Ransom Road: From River Park to Main Street in Fort Bend County and Richmond Texas

Contract Limits	Percent Complete	Invoiced to Date	Previously Invoiced	Amount of 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	83.0%	\$881,459.12	\$865,423.10	\$16,036.02
*** includes SWA #1 of \$58,255.00 *** includes SWA #2 of \$53,058.00 *** includes SWA #3 of \$360,176.00				

OK
BNA
Total Due This Invoice

\$16,036.02

Thank You
Othon, Inc.


James G. Darden, P.E.
Chief Engineer Transportation

RANSOM ROAD

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

MAY 1, 2010 THROUGH MAY 31, 2010 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:

Supplemental Work Authorization No. 1 (SWA #1, Approved July 2009): 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.

Supplemental Work Authorization No. 2 (SWA #2, Approved January 2010): 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.

Supplemental Work Authorization No. 3 (SWA #3, Approved February 2010): 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.

Engineering Services:

WA #1 – 100% Complete

WA #2 – 100% Complete

WA #3 – 100% Complete

WA #4 – 83% Complete, Includes SWA 1, 2 and 3

Design Activities (from May 1, 2010 through May 31, 2010):

PHASE 1:

In general, May 2010 design activities continued with the completion and submittal of the 100% complete PS&E package for Phase 1 project limits as defined above on May 7, 2010. With the conclusion of the Del Webb outfall approach, storm sewer hydraulic calculations and final plan and profiles were completed in May, along with the ongoing coordination and adjustment for the roadway plan and profile drawings. The critical outfall to the Del Webb Amenity Lake system is detailed and completed, however, review by the Wessendorff Property Engineer continues through May. A meeting on May 21, 2010 with Kelly Kaluza and Associates, the Property Owner's Engineer, was held to clarify and review comments to the hydraulic and hydrologic approach for the Del Webb outfall design. Prior to finalizing and resubmitting 100% PS&E, the resolution to the Property Owner's questions and concerns is necessary. This issue continues to be reviewed in May and is expected to be resolved in June 2010.

The 100% plan, specification and estimate were submitted to SPI on May 7, 2010 and comments were received from SPI on May 18, 2010. The review and revision to these comments are completed in the latter part of May. The Phase 1 plans are considered by Othon as essentially complete with the exception of the coordination of H/H issues involved with the Del Webb Outfall and the Wessendorff Engineer's comments. Therefore, the following items remain in progress pending resolution:

- Completion of Hydrologic Master Drainage Study (Phase 1 and 2)
- Completion of drainage area mapping, storm sewer trunk line, drainage laterals, inlets, outfall details and hydraulic calculations, relative to the Del Webb Outfall at station 82+00 and possible downstream revision to FB 121.
- Completion of traffic control redesign relative to the potential redesign of proposed storm sewer, and subsequent changes to temporary storm sewer elements.
- Completion of SWPPP drawings updated for revised traffic control and proposed storm sewer design.
- Completion of Project Manual and Project Construction Estimate.
- Completion of final utility adjustment design for 16" Waterline and 12" Force Main at approximate station 81+00 to 90+00, in coordination with possible revision to final storm sewer trunk and lateral design.
- Completion of project title sheet, indexing, standards.
- Continue to assess utility conflicts and required adjustments, coordinate with utility agencies.

Completion and resubmittal of 100% Phase 1 PS&E is scheduled for June 2010.

PHASE 2: MAJOR ACCOMPLISHMENTS:

Major design for Phase 2 continues in June with the following activities:

- Completion of preparation of final typical sections and edge of pavement roadway geometrics for the updated design described in SWA 3.
- Updated horizontal alignment and vertical profile design completed and reviewed.

- Continued coordination with City of Richmond for proposed drainage outfall at Gulfview Road.
- Continued traffic control assessment related to the redesign of the storm sewer elements.
- Continued coordination of proposed ROW adjustments at various parcels.

MEETINGS

<u>DATE</u>	<u>PURPOSE</u>	<u>ATTENDEES</u>
May 21, 2010	Ph 1 and 2 Drainage Coordination Meeting	SPI, Othon, LCR, Kelly Kaluza

PROPOSED TASKS FOR JUNE 2010

- Complete and submit Phase 1, 100% PS&E pending resolution of H/H issues with Wessendorff and FBC.
- Coordinate and resolve drainage issues related to proposed Phase 2 outfall at Gulfview Drive with City of Richmond and County.
- Continue design for Phase 2 roadway revisions (horizontal and vertical alignments, preliminary drainage design).
- Prepare 50% Drawing Submittal for Revised Phase 2 drawing in July 2010.