

WORK ASSIGNMENT NO. 3
CHANGE ORDER NO. 3
PROJECT NO. 6086960
PROJECT TITLE: 44th Avenue East (45TH Street East to 44th Avenue Plaza East)
DATE: March 26, 2018

Pursuant to the Manatee County, Florida, Agreement No. 12-1032BG, for Professional Services for Transportation Engineering, entered into by and between the COUNTY OF MANATEE, FLORIDA, hereinafter referred to as the "COUNTY" and AECOM Technical Services, Inc., hereinafter referred to as the "Consultant", a determination has been made by the COUNTY that there is a need for the performance of or rendering of services by the Consultant of a certain "Work Assignment" under the purview of said Contract, and the Consultant is hereby authorized to perform or render the particular services of work described as follows:

TITLE OF THE PROJECT: 44th Avenue East (45th Street East to 44th Avenue Plaza East)

ADDITIONAL WORK: The original Work Assignment No. 3 was issued to begin data collection with the current project funding available. Change Order Nos. 1 and 2 were for data collection, permitting, design, land acquisition, bidding, and construction phase services needed to complete the project. Change Order No. 3 is to include additional design and data gathering services, project management services, land acquisition services, and public information services. Additionally, AECOM is requesting reallocation of existing funds to better align financial aspects with the project's needed design services.

TASKS OF PROFESSIONAL SERVICES AUTHORIZED:

Consultant is currently tasked with completing the SCOPE OF SERVICES, Tasks 1 through 7 that was described in EXHIBIT A of Change Order Nos. 1 and 2. While this work assignment shall remain in effect until completion of the project, the Consultant shall also complete the tasks described in the Supplemental Scope of Services included with Change Order No. 3.

Compensation to the Consultant for rendering all of the above identified services and products shall not exceed the values presented in the accompanying Contract Budget Matrix.

WORK ASSIGNMENT NO. 3
CHANGE ORDER NO. 3

“44th Avenue East (45th Street East to 44th Avenue Plaza East)”
Project #6086960

AECOM Technical Services
7650 W. Courtney Campbell Causeway
Tampa, Florida 33607

By: 
Bruce Koenig, Sr VP
Print Name & Title of Signer

COUNTY OF MANATEE, FLORIDA

By: _____
Theresa Webb
Procurement Official

Date: _____

44TH AVE. EAST OVER BRADEN RIVER

ADDITIONAL DESIGN SERVICES PROVIDED UNDER CHANGE ORDER NO. 3:

AECOM EFFORT:

Task 1 – Data Collection

- Additional effort for modifications to parcel sketches and descriptions due to changes during the R/W acquisition process. (118 hours)
- Field survey for staking proposed R/W corners for property owner's knowledge. (58 hours)
- Addition of Construction Temporary Easements to parcel sketches and descriptions. (34 hours)
- Review of appraisal reports and offer letters to property owners. (102 hours)
- Topographic survey and office support for additional coverage on the north side of 44th Avenue East. (96 hours)
- Additional field effort by ZNS detailed in the attached 10/13/16 correspondence.

Task 2 – Design and Permitting

- Added right turn lane at the 44th Avenue East/45th Street intersection. Included roadway, R/W, signalization, signing and pavement marking, utility modifications, and adjacent project coordination. (174 hours and 40 hours utility design)
- Redesigned Pond 1 to include Parcel 101. This required a redesign of the stormdrain system between Pond 1 and Pond 2, and included modifications to the proposed water and wastewater design. Included impacts resulting for addition of right turn lane at 45th Street. (236 hours drainage and 36 hours utility design)
- Redesigned the outfall for Pond 3 for direct discharge into the Braden River. The new outfall pipe required modifications to the proposed utility design. Included time for review and analysis of drainage alternatives presented by Parcel 128's attorney and drainage engineer. (166 hours drainage and 60 hours utility design)
- Redesigned Caruso drainage to eliminate discharge through Parcel 128. (28 hours)
- Updated the design to accommodate property owner concerns for Parcel 114. Included research effort at SWFWMD for existing permit requirements. (32 hours)
- Added a lift station at the Ellwood facility. (144 hours)
- Added pipe restraints at Ellwood (required structural and geotechnical input). (120 hours)
- Changed the construction phasing for water lines west of the Braden River. The original design was based on coordination with Manatee County Operations; however, changes were mandated for County Engineering. (92 hours)

- Additional effort for utility quantity calculations/presentation than provided on previous County water projects. (134 hours)
- Additional coordination effort with FPL and other utility owners for relocations. (146 hours)
- Redesigned the 44th Avenue East signing and pavement marking plans to accommodate a 6' bikeway (originally designed at 4'). (72 hours)
- Redesigned the Caruso roadway and signing and pavement marking plans to accommodate a 6' bikeway. (42 hours)
- Added two additional ITS locations. (52 hours)
- Utility design modifications to accommodate County Engineering comments after the design coordination meeting with County Operations. (98 hours)
- Preparation of "R/W Acquisition" signed/sealed plans. (22 hours)
- Additional 100% Resubmittal that was requested by the County partly due to plan changes made after the 100% Submittal. These changes included the expansion of Pond 1 to include the adjacent parcel, the right turn lane from WB 44th Avenue to NB 45th Street, the redesign of the conveyance system from Pond 1 to Pond 2, the reconfiguration of Pond 2 due to the R/W agreement the County made with the adjacent owner, Pond 3 changes to satisfy the owner of Parcel 128, the Typical Section changes (and associated Signing and Pavement Marking changes) to narrow the travel lanes and increase the bike lanes on 44th Avenue and Caruso Road, and utility changes requested by County Operations and Maintenance Departments. Although the design of these items has already been accounted for, time was required to coordinate and compile the Roadway Plans, Signing and Pavement Marking Plans, Signalization Plans, Utility Design Plans, Lighting Plans, Bridge Plans, Cost Estimate, and Comment Response Package. (267 hours)

Task 3 – Project Management

- Additional effort due to the R/W acquisition effort. (96 hours)
- Additional effort due to extended contract duration. (222 hours)

Task 6 – Land Acquisition

- Additional effort due to the extended R/W acquisition process. (92 hours)

Task 8 – Public Information

- Additional services to be provided by Valerin during the construction phase.

Miscellaneous Task – Bowlees Creek Drainage Analysis. (50 hours)

HEIMBURG EFFORT:

Task 2 – Roadway Design

- Roundabout alternative evaluation at Caruso. (60 hours)
- Alternatives evaluation, intersection vs. cul-de-sac, for Old Caruso. (8 hours)
- Bike lane addition to NB Caruso. (12 hours)
- Revision to Caruso Typical Section to utilize 11' lanes and 6' bike lanes. (3 hours)
- Respond to County's request to add/remove/add the right turn lane from WB 44th Avenue to NB 45th Street. (16 hours)
- Relocation of church driveway. (4 hours)
- Design adjustment for 51st Street alley request to provide alternative access. (10 hours)
- Development of the Roadway Configuration Memo. (24 hours)
- Alignment review on west side of the Braden River due to new home not shown on available aerials. (4 hours)
- Development of presentation level graphics (plan and typical section views) utilized on project website. (40 hours)
- Preparation of "R/W Acquisition" signed/sealed plans (14 hours)
- Design changes based on R/W requests and drainage/utility changes based on County requests. (125 hours)

INDEPENDENCE APPRAISAL AND ACQUISITION EFFORT:

Task 6 – Land Acquisition

- Increased participation by Independence with preparation of legal descriptions, sketches, property owner negotiations, and coordination with County legal and R/W staff. (1680 hours)

October 13th, 2016

Mr. Gary Lutes, PSM
AECOM
7650 West Courtney Campbell Causeway
Tampa, FL 33607

RE: 44th Avenue Bridge
Bradenton, Florida
ZNS Project No. 00-43821

Dear Gary,

Please find our proposal for scope of work on the captioned project.

The following is a list of basic services that are to be performed for the above referenced project. The Vertical Datum is to be 1988 NAVD. The project shall be in State Plane Coordinates - NAD 1983 (2011 adjustment) Florida West Zone utilizing or referencing two published geodetic control points.

All survey work shall be performed per the specifications standards of practice for land survey in the state of Florida chapter 5-17.051 of the Florida administrative code.

1. A Mean High Water line survey to extend 150' south the Mean High Water line survey filed with the Department of Environmental Protection and assigned Mean High Water survey file #5870. This Mean High Water line survey shall be approved by and filed with the Department of Environmental Protection.

2. A subdivision/acreage survey of the 6 parcels noted in your email of September 19th. These parcels shall be added to the existing right of way corridor survey.

3. Survey and map of the existing right of way along Caruso road line 1500 feet south of 44th AVE E.

The fee for our services is eighteen thousand four hundred thirty five (18,435.00) dollars, and is outlined on Exhibit "B".

We are prepared to begin work on said project immediately upon receipt of your signed letter of acceptance and will have the finished product to you by November 18th, 2016.

All travel expenses within Manatee County are included in the above lump sum fee. However, other travel, long distance calls or express delivery charges will be billed as additional expenses. Any other time and material items and costs for special services such as blueprinting beyond the normal allotment of five prints, government maps, recorded instruments, aerials, etc. will be due upon receipt of invoice.



Invoices are due upon presentation and shall be considered PAST DUE if not paid within thirty (30) calendar days of the invoice date regardless of conveyance occurring. The Client shall have fifteen (15) days to review and advise of any questions concerning each bill upon rendering of same, after which the bill shall be deemed approved and accepted. The Client shall pay as interest an additional charge of one and one-half (1.5%) percent (or the maximum allowable by law, whichever is lower) of the PAST DUE amount per month. Payment thereafter shall first be applied to accrued interest and then to the unpaid principal. The Client agrees to limit the surveyor's liability to the Client on the project due to any claim of any nature whatsoever arising out of or relating to the performance of professional services under this agreement, such that the total aggregate liability of the surveyor to all those named shall not exceed the surveyor's total fee for services rendered on the project.

Should work under this agreement be suspended by the Client for any reason, including breach of agreement, the Client agrees to compensate ZNS for services performed to date on a time and material basis, utilizing ZNS' then current rates.

All costs and fees as billed shall constitute a lien against the subject property, pursuant to Chapter 713, Florida Statutes (1988).

In the event legal action is necessary to enforce the payment provisions of this agreement, the surveyor shall be entitled to collect from the Client any judgment or settlement sums due, reasonable attorneys' fees, court costs and expenses incurred by the surveyor in connection therewith and, in addition, the reasonable value of the surveyor's time and expenses spent in connection with such collection action, computed at the surveyor's prevailing fee schedule and expense policies.

If the Client fails to make payment to the surveyor in accordance with the payment terms herein, this shall constitute a material breach of this agreement and shall be cause for termination of the surveyor's obligations by this agreement.

Should the above proposal meet with your approval, please forward one executed copy to our office. This proposal becomes null and void if not executed within a period of thirty (30) days.

Respectfully submitted,

ACCEPTED BY




ZNS Engineering, L.C.



Richard E. M. Edgerton, PSM
Vice President

~~URS Corporation~~ AECOM TECHNICAL SERVICES



Signature

12/13/16
Date

SCOTT W. COLLISTER, PE
Printed Name

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EXHIBIT B - SCOPE OF WORK

FEE SCHEDULE

44TH Avenue Bridge
 Bradenton, Florida

ZNS Engineering, L.C.
 201 5th Avenue Drive East
 Bradenton, Florida 34208

ZNS Project No 43821

Task (Hours)	Principal (PBM)	Professional Surveyor (PSM)	Senior CADD Technician	Field Crew (3-man)	Admin	Fee Per Task
Hourly Rate \$/Hr.	\$145.00	\$115.00	\$80.00	\$125.00	\$45.00	
TASKS						
MEAN HIGH WATER LINE SURVEY	2	10	15	40	5	\$7,565.00
SUBDIVISION / ACREAGE SURVEY	1	10	10	24	5	\$5,320.00
EXISTING RAW CARUSO ROAD	1	12	10	24	5	\$5,550.00
Total Hours by Professional Classification	4	32	35	88	15	
Total Fee by Classification	\$580.00	\$3,680.00	\$2,800.00	\$11,000.00	\$60.00	\$18,435.00

Project Observations/Assumptions:

1. Horizontal Datum: Florida State Plane Coordinates - NAD '83/80
2. All surveys will be prepared in accordance with specifications and requirements as set forth by Manatee County's Scope Contract



PUBLIC OUTREACH TASK DESCRIPTIONS

FOR

**44TH AVENUE E. FROM 45TH AVE E TO PLAZA E (BRADEN RIVER)
MANATEE COUNTY**

Prepared by:

**The Valerin Group, Inc.
13014 N. Dale Mabry Highway
#820
Tampa, FL 33618**

Submitted: January 26, 2018

SCOPE OF SERVICES FOR PUBLIC INFORMATION / OUTREACH SERVICES

Public information and outreach communications help explain the benefits, challenges, and impacts of a transportation project in order to build and maintain community support. Valerin will represent Manatee County and the project team by putting “boots to the ground” and providing proactive and transparent communications to stakeholders and other interested parties. A detailed Community Awareness Plan (CAP) is developed at the onset of the project to identify specific communications needs and strategies. The CAP then serves as a “road map” for the various communication techniques that will be used to provide project updates and notifications regarding construction activities and other pertinent project-related information. A well-planned project public information initiative can increase stakeholder understanding, promote a sense of community, and enhance public trust.

1.0 Community Awareness Plan (CAP)

The Subconsultant will develop and implement a Community Awareness Plan that will be updated throughout the duration of the project.

2.0 Stakeholder Database Development | Maintenance

The Subconsultant will be responsible for identifying all impacted property owners and tenants (within a minimum of 300 feet of the project corridor) for the development of a stakeholder database. In addition, the database will include city and county government officials, local law enforcement, emergency management services, fire and rescue, schools, hospitals, homeowner associations, local chambers of commerce, transit authority (if applicable), media and other interested parties. Information contained in the database will include contact information as well as documentation of all correspondence with stakeholders. The stakeholder database will be updated and maintained throughout the duration of the project.

3.0 Public Information/Kickoff Meeting Preparation and Attendance

The Subconsultant will organize and coordinate all activities with the project team and the County for preparation of a public information meeting anticipated to be conducted prior to the start of construction. Activities will include but are not limited to identifying an ADA compliant meeting facility, preparing meeting materials and presentations, advance notifications and advertising of meeting via press releases, distribution of meeting notices, attendance at meeting, and set up and break down of meeting. Deliverables include the initial project fact sheet, public information meeting notification, sign-in sheets to have at the public meeting, meeting content information to be posted on the County and project website, comment cards, meeting signage to be placed near and at public information meeting site the day of the meeting, and name badges for project and County staff attending meeting. If needed, Valerin will work with the project team to create a PowerPoint Presentation. Valerin will provide the appropriate number of staff to assist at the public information meeting. A debriefing of the public information meeting will be conducted with project staff and County staff associated with the project. Also, a summary report will be generated and provided to the County outlining specifics about the public information meeting, comments received from the public/stakeholders, along with copies of collateral materials used at the meeting.

4.0 Stakeholder Meetings

The Subconsultant will meet face-to-face with individual stakeholders and local organizations (HOAs, businesses, etc.), as needed, regarding impacts to properties caused by construction activities. On a frequency to be determined by the County, a report will be generated and provided

to the County outlining stakeholder meeting details, concerns and requested actions or actions taken.

5.0 Collateral Development

The Subconsultant will be responsible for the development and distribution of collateral materials such as fliers, doorhangers, advanced notifications, etc., regarding construction activities impacting property owners and the traveling public (i.e. temporary lane closures, detours, etc.). *The content for all collateral deliverables will be provided to the County for review and approval prior to distribution.*

6.0 Public Information Management

The Subconsultant will perform public information activities to include attendance at progress meetings to be kept up-to-date on construction activities; distribute notifications such as doorhangers, newsletters, etc. to property and business owners, tenants and other interested parties regarding construction activities; media relations; responding to public inquiries; taking pictures of project outreach activities; etc.

7.0 Other Meetings

The Subconsultant will attend other meetings such as agency meetings, as needed, throughout the duration of the project. Before attending other meetings such as agency meetings, the Subconsultant will be required to receive prior authorization from County staff.

8.0 Website Coordination

The Subconsultant will continue to maintain the current 44th Avenue Extension Website as well as coordinate relevant project information to be posted to the website.

END OF SCOPE OF SERVICES

To: Daren Carriere, PE, AECOM Project Manager
 January 26, 2018



Public Information/Community Outreach Services Fee Estimate
44th Avenue E. from 45th Ave E to Plaza E (Braden River)
January 2018 - June 2020

Services		Community Outreach Specialist	Graphic Designer	Hours/Task	Fee
Task	Description	\$105.00	\$100.00		
1.0	Community Awareness Plan	40		40	\$ 4,200
2.0	Stakeholder Database	92		92	\$ 9,660
3.0	Public Information/Construction Kickoff Meeting (1)	40	24	64	\$ 6,600
4.0	Stakeholder Meetings	240		240	\$ 25,200
5.0	Collateral Preparation/Distribution	180	90	270	\$ 27,900
6.0	Public Information Mgmt	120		120	\$ 12,600
7.0	Other Meetings (HOA, Civic Org, etc.)	30	30	60	\$ 6,150
8.0	Website Coordination	240		240	\$ 25,200
Subtotal Services					\$117,510.00
Direct Expenses					
			Quantity	Cost Per Unit	Total Cost
	Meeting Facility Rental		1	250	\$ 250
	Reproduction/Printing (8 1/2" x 11" color, 2-sided)		2,500	0.50	\$ 1,250
	Reproduction/Printing (roll plot 24"x36", color including mounting)		4	90.00	\$ 360
	Reproduction/Printing (roll plot 36"x48", color including mounting)		2	100.00	\$ 200
	Postage/Mailings		1,500	0.49	\$ 735
	Labels		2	30.00	\$ 60
	Webhosting (2019-2021)		1	250.00	\$ 250
Subtotal Expenses					\$ 2,855.00
					Total (Manhours / Fee) \$117,510.00
					Total Direct Expenses \$ 2,855.00
TOTAL FEE					\$120,365.00

44TH AVENUE EAST (45TH STREET TO 44TH AVENUE PLAZA)
 FEE DETERMINATION SHEET
 SUPPLEMENTAL FOR CHANGE ORDER NO. 3
 26-Mar-18

AECOM LABOR HOURS BY CLASSIFICATION										
TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	SENIOR CADD TECH	Professional Surveyor	3-Man Survey Crew	DESIGNER	ADMINISTRATIVE ASSISTANT	TOTAL HOURS	TOTAL LABOR COST
Hourly Rate	\$165 ✓	\$161 ✓	\$117 ✓	\$86 ✓	\$115 ✓	\$125 ✓	\$90 ✓	\$65 ✓		
Task 1 Data Collection	26				324	58			408	\$ 48,800.00 ✓
Task 2 Design and Permitting	74	398	338	238			154	35	1237	\$ 152,437.00 ✓
Task 2 Design and Permitting (Utility Plans Only)	22	256	182	144			106	14	724	\$ 88,974.00 ✓
Task 3 Project Management	222		40					56	318	\$ 44,950.00 ✓
Task 6 Land Acquisition	80							12	92	\$ 13,980.00 ✓
Miscellaneous Task Bowlees Creek		50							50	\$ 8,050.00 ✓
SUPPLEMENTAL TOTAL										\$ 357,191.00 ✓
LABOR TOTAL	424	704	560	382	324	58	260	117	2829	
	\$69,960	\$113,344	\$65,520	\$32,852	\$37,260	\$7,250	\$23,400	\$7,605		\$357,191 ✓

HEIMBURG LABOR HOURS BY CLASSIFICATION										
TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	SENIOR CADD TECH	Professional Surveyor	3-Man Survey Crew	DESIGNER	ADMINISTRATIVE ASSISTANT	TOTAL HOURS	TOTAL LABOR COST
Hourly Rate	\$165	\$161 ✓	\$117 ✓	\$86 ✓	\$115	\$125	\$90 ✓	\$65		
Task 2 Design and Permitting		74	84	100			62		320	\$ 35,922.00 ✓
SUPPLEMENTAL TOTAL										\$ 35,922.00 ✓
LABOR TOTAL	0	74	84	100	0	0	62	0	320	
	\$0	\$11,914	\$9,828	\$8,600	\$0	\$0	\$5,580	\$0		\$35,922 ✓

INDEPENDENCE LABOR HOURS BY CLASSIFICATION										
TASK DESCRIPTION	Acquisition Agent (Feb.)	Acquisition Agent (Mar.)	Acquisition Agent (Apr.)	Acquisition Agent (May)	Acquisition Agent (Jun.)	Acquisition Agent (Jul.)	Acquisition Agent (Aug.)	Parcel 128 update, past work, other	TOTAL HOURS	TOTAL LABOR COST
Average Hourly Rate (to date)	\$115	\$115	\$115	\$115	\$115	\$115	\$115			
Task 6 Land Acquisition	260	260	260	240	220	220	220		1680	\$ 193,200.00 ✓
LABOR TOTAL	260	260	260	240	220	220	220		1680	
	\$29,900	\$29,900	\$29,900	\$27,600	\$25,300	\$25,300	\$25,300	\$82,000		\$275,200

EXPENSES	
ZNS Additional Work (Task 1)	\$ 18,435.00 ✓
Valerin (Task 7A)	\$ 120,365.00 ✓
SUBTOTAL	\$ 138,800.00 ✓

GRAND TOTAL	\$ 807,113.00 ✓
Current Contract	\$ 4,230,840.00 ✓
Reallocation	\$ (150,000.00) ✓
New Contract Amt.	\$ 4,887,953.00 ✓

44th AVE. EAST OVER BRADEN RIVER
CONTRACT BUDGET UPDATE

TASK	CONTRACT AMOUNT	Change Order #2	Reallocation Request #1	Reallocation Request #2	Current Contract Amount	Reallocation/CO #3	New Contract Amount	COMMENTS
1 - Data Collection	\$463,869.00		\$70,000.00		\$533,869.00	\$67,235.00 ✓	\$601,104.00	Additional Caruso limits (ZNS, \$18,435); AECOM - field/office work for acquisition process (\$48,800)
2 - Design & Permitting	\$2,220,611.00	\$35,492.00	-\$115,000.00		\$2,141,103.00	\$277,333.00 ✓	\$2,418,436.00	AECOM - Turn lanes, pond modifications, lane widths, utility redesigns/coordination, FPL coordination, stormwater modifications, R/W acquisition impacts (\$152,437; \$88,974 Utility Design); Heimburg (\$35,922)
3- Project Management	\$148,500.00		\$45,000.00		\$193,500.00	\$44,950.00 ✓	\$238,450.00	AECOM - Extended contract duration, R/W acquisition involvement, subcontract agreements/coordination (\$44,950)
4 - Public Involvement	\$26,700.00				\$26,700.00	-\$17,000.00	\$9,700.00	Reallocation leaves \$5,474 for pre-construction public meetings
5 -Post Design	\$286,495.00				\$286,495.00	\$0.00	\$286,495.00	Post design amount remains intact
6 -Land Acquisition	\$560,000.00				\$560,000.00	\$289,180.00	\$849,180.00	AECOM - R/W acquisition involvement (\$13,980); additional IAA involvement (\$275,200) ?
7 - Optional Services	\$197,622.00		-\$25,000.00	-\$34,370.00	\$138,252.00	-\$115,000.00	\$23,252.00	Reallocation leaves \$3,227 for miscellaneous tasks
7A- Public Information (Valerin)	\$0.00			\$34,370.00	\$34,370.00	\$120,365.00	\$154,735.00	Public Outreach for Valerin during 30 month construction duration (\$120,365)
Expenses and Subs' Fees	\$264,401.00	\$27,150.00	\$25,000.00		\$316,551.00	-\$18,000.00	\$298,551.00	Reallocation leaves \$29,474
Miscellaneous Task	\$0.00					\$8,050.00 ✓	\$8,050.00	Bowlees Creek Drainage Analysis
TOTAL	\$4,168,198.00	\$62,642.00	\$0.00	\$0.00	\$4,230,840.00	\$657,113.00	\$4,887,953.00	AECOM (\$325,832, \$150,000 redistribution), IAA (\$275,200), ZNS (\$18,435), Heimburg (\$35,922), Valerin (\$120,365)