

RSQ 21-0525

Professional
Engineering &
Design Services for
Villa City Road
Safety Design

Lake County May 18, 2021



341 North Maitland Avenue, Suite 220 Maitland, FL 32751 407-766-3003 dwayne.darbonne@metrocgllc.com

TABA



REQUEST FOR STATEMENT OF QUALIFICATIONS



REQUEST FOR STATEMENT OF QUALIFICATIONS (RSQ) PROFESSIONAL ENGINEERING AND DESIGN SERVICES FOR VILLA CITY ROAD SAFETY DESIGN

RSQ Number	21-0525	Senior Contracting Officer	William Ponk	0	
Proposal Due Date	May 18, 2021	Pre-Proposal Conference	Not Applicab	able	
Proposal Time	3:00 p.m.	RSQ Issue Date	April 15, 202	1	
TABLE OF CONTE	NTS				
SECTION 1: General Information				Page 2	
SECTION 2: Evaluation of Proposals				Page 8	
SECTION 3: Preparation and Submittal of Responses					
SECTION 4: Requirements for any Contract Derived from this RSQ				Page 17	
SECTION 5: Attachments				Page 21	

At the date and time specified above, all proposals that have been received in a timely manner will be opened, recorded and accepted for consideration. The proposals will be available for inspection during normal business hours in the Office of Procurement Services thirty (30) calendar days after the due date.

The respondent hereby agrees to furnish the services pursuant to all requirements, specifications, and scope of services contained in this solicitation document, and further agrees that the language of this document will govern in the event of a conflict with his or her response. By my signature I certify that this response is made without prior understanding, agreement, or connection with any corporation, consultant, business entity, or person submitting a response for the services, and is in all respects fair and without collusion or fraud.

THIS FORM MUST BE SIG	INTERIOR CONT.	THE STABILITY OF STATE	
COMPANY NAME: METRO Consulting Grou	up, LLC		DATE: 04/23/2021
MAILING ADDRESS: 341 North Maitland A	PHONE: 407-960-3973 FAX: N/A		
CITY: Maitland STATE		FL	ZIP: 32751
SSN OR FEDERAL TAX NO: 30-0653248	F AUTHORIZED ENTATIVE:	Managing Member	
E-MAIL: dwayne.darbonne@metrocgllc.cor	WEB URL: N/A		
AUTHORIZED SIGNATURE Good Delong		PRINTED N	AME: Joseph Dwayne Darbonn



ACKNOWLEDGEMENT OF ADDENDA

RSQ 21-0525

PROFESSIONAL ENGINEERING AND DESIGN SERVICES FOR CR 565 VILLA ROAD SAFETY DESIGN

INSTRUCTIONS: Complete Part I or Part II, whichever applies and company name and date.

Part I:	
The bidder must list below the dates of issue RSQ:	e for each addendum received in connection with this
Addendum #1, Dated:	05/07/2021
Addendum #2, Dated:	05/14/2021
Addendum #3, Dated:	
Addendum #4, Dated:	
Part II:	
No Addendum was received in connection	ion with this RSQ.
COMPANY NAME: METRO Consulting Gr	roup, LLC DATE: 05/17/2021

Note: Vendors are advised to visit our website at http://www.lakecountyfl.gov and register as a potential vendor. Vendors that have registered on-line receive an e-mail notice when the County issues a solicitation matching the commodity codes selected by a vendor during the registration process.



ADDENDUM NO. 1 21-0525



P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

05/07/2021

SOLICTATION: Request for Statement of Qualifications (RSQ) Professional Engineering and Design Services for Villa City Road Safety Design

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

ADDITIONAL INFORMATION

Vendors are advised that Lake County Code, Chapter 2, Article VII, Sections 2-221 and 2.222 Reciprocal Vendor Preference is not applicable to this Solicitation.

QUESTIONS/RESPONSES

- Question 1. The Procurement website that the submittal will be electronic via the Solicitation Management Portal and several references in the RSQ itself that an original, a CD, 5 copies in a sealed package should be delivered to the County. Please confirm the way the submittal should be made.
- Response 1. The County will accept submittals via the Solicitation Management Portal or in a sealed package as described in the RSQ's Section 3.0 Preparation and Submittal of Response.
 - Q2. Do we need to provide a copy of our FDOT prequalification letter?
 - R2. Yes.
 - O3. If so, in which tab should this appear, and does this count toward the 50 pages?
 - R3. Include in Tab A and it does count toward the 50-page limit.
 - Q4. Do the required forms count toward the 50-page limit?
 - R4. Yes.
 - Q5. In which tab should evidence of corporate registration in Florida appear?
 - R5. Include in Tab A.
 - Q6. Is it acceptable to submit a flash drive in lieu of a CD?
 - R6. Yes.
 - Q7. Is GBC (comb) binding acceptable?
 - R7. Yes.

Page 1 of 2



Q8. Please confirm if we are required to follow the directions from the RSQ below, or to submit the proposal through the Solicitation Management Portal. Or both.

R8. Refer to the Responsel from Question1.

ADDENDUM NO. 1

- Q9. Are we able to get a copy of the recent (or ongoing) Villa City Road Safety Study?
- R9. Refer to page 19 of the Solicitation, Section 1.1 Scope of Work.
- Q10. The RFP states "Consultant shall create and prepare project deliverable Cad files utilizing AutoCAD. MicroStation files converted to AutoCAD shall not be acceptable." I just want to confirm this requirement, as our work for FDOT is routinely completed in MicroStation and if we were selected it's use could contribute to the County receiving deliverables in a format our staff is more accustomed to working with. This could help from a quality standpoint.
- R10. The work can be done in MicroStation, if at the end it is converted to be a workable ACAD file for the County. The County does not have MicroStation. Original work in ACAD is preferred.

ACKNOWLEDGEMENT

Firm Name: METRO Consulting Group, LLC

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: Joseph Dwayne, Darbonne,

Date: 5/14/2021

Print Name: Joseph Dwayne Darbonne

Title: Managing Member

Primary E-mail Address: dwayne.darbonne@metrocgllc.com Secondary E-mail Address: anna.galbraith@metrocgllc.com 21-0525



ADDENDUM NO. 2 21-0525



P.O. Box 7800 • 315 W. Main St., Suite 441 • Tavares, FL 32778

05/14/2021

SOLICTATION: Request for Statement of Qualifications (RSQ) Professional Engineering and Design Services for Villa City Road Safety Design

Vendors are responsible for the receipt and acknowledgement of all addenda to a solicitation. Confirm acknowledgement by including an electronically completed copy of this addendum with submittal. Failure to acknowledge each addendum may prevent the submittal from being considered for award.

THIS ADDENDUM DOES NOT CHANGE THE DATE FOR RECEIPT OF PROPOSALS.

QUESTIONS/RESPONSES

- Question 1. For the Confidentiality/Conflict of Interest Certification, do we need to include the name and signature of every person on the organizational chart? If electronic submittal is not acceptable, are these required to be original signatures
- Response 1. As noted in Section 4.2, this form is required from each person involved in the procurement process, both from the county staff and the vendors. Electronic submittal is acceptable through the county's procurement portal
 - Q2. Is Attachment 6 "FIRM PROFILE FORM" required for the prime only or is a form required for the prime and each sub-consultant firm?
 - R2. This section pertains to the prime contractor, subcontractors are to be listed in Attachment 7
 - Q3. Section 1.10 does the "prohibition against contingency fees" statement need to be included in the proposal or the signed contract?
 - R3. This Prohibition against Contingency Fees shall be included in the submittal
 - Q4. The project scope dictates that the firm shall construct and maintain a webpage for the project. Where is the county's preferred location to where the webpage will live?
 - R4. The County does not expect a web page as a result of the solicitation
 - Q5. The Scope of Work Exhibit A, sections 5 & 6 mention a public meeting scope and public meeting checklist, there are neither in the RSQ.
 - R5. There are no public meetings anticipated to take place under this solicitation

Page 1 of 2



ADDENDUM NO. 2 21-0525

- Q6. How many public meetings does the county intend to host for this project?
- R6. There are no public meetings anticipated to take place under this solicitation
- Q7. On page 8 of the RSQ #21-052, (Professional Engineering and Design Services for Villa City Road Improvement), Tab B, Bullet 1, Lake County is requesting a State of Florida Board of Professional Regulation License. Since the State of Florida has changed its rules and no longer issues paper licenses to businesses, what specifically would you like in lieu of this?
- R7. A certificate number or proof of a professional regulation license will be sufficient
- Q8. For the following Forms, is it acceptable to recreate proposal documents with the same information? Firm Profile Form, Team Composition Form and Similar Experience Form.
- R8. The format of these forms is not to be altered

ACKNOWLEDGEMENT

Firm Name: METRO Consulting Group, LLC

I hereby certify that my electronic signature has the same legal effect as if made under oath; that I am an authorized representative of this vendor and/or empowered to execute this submittal on behalf of the vendor.

Signature of Legal Representative Submitting this Bid: Joseph Dwayne Darbonne

Date: 5/14/2021

Print Name: Joseph Dwayne Darbonne

Title: Managing Member

Primary E-mail Address: dwayne.darbonne@metrocgllc.com Secondary E-mail Address: anna.galbraith@metrocgllc.com



UNDERSTANDING OF SCOPE CR 565 (Villa City Road) is a two-lane rural typical section that begins north of SR 50 northwest of the City of Groveland and continues north approximately seven miles with the termination south of US 27. The corridor is classified as a rural minor collector with the speed limit varying from 40 to 55 MPH. The surrounding land use is mainly agriculture with single family residential. The traffic volume has a 2019 AADT of 5,249. There is one bridge located south of Lake Emma Road. There are no pedestrian facilities or lighting located within the project limits. The FDOT completed a Safety Analysis Study in February of 2020 including long term solutions to mitigate safety issues that recommended milling and resurfacing, travel lane pavement widening to 12-foot-wide lanes, the addition of an 8-foot shoulder with 4-foot paved, installation of guardrail at drop off locations and constructability review for the improvements to level the drop off at Lake Arthur Road. Traffic signing improvements included speed limit reduction and curve chevron warning signs along with flashing bacons at certain sign locations. In 2015. Lake County completed sections of roadway improvements within the corridor that included milling and resurfacing, pavement widening with the addition of a 5-foot shoulder with 3-foot paved along with a safety edge. The project will exempt these sections and match those improvement limits for pavement improvements (refer to Figure 1 Project Pavement Improvement **Limits**). Note that other signing safety improvements are required in the Lake County's previous pavement improvement sections.

Our policy and procedures will adhere to the 2012 FDOT Local Agency Program (LAP) Manual. Our design criteria will use the FDOT's 2016 Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways which is commonly known as "The Florida Greenbook". Additional design criteria will include the 2021 FDOT Design Manual Chapter 114 – Resurfacing, Restoration and Rehabilitation (RRR). The signing and pavement markings design will adhere to FDOT 2021-22 Standard Plans and the 2009 Manual on Uniform Traffic Control Devices (MUTCD). Our plans production format will follow Lake County's requirements as outlined in the RSQ.

Review of FDOT Safety Analysis Study: Prior to the design of the project, we will thoroughly review the FDOT Safety Analysis Study to determine any issues or deficiencies that may impact the scope of services or construction cost of the

END PROJECT LEGEND PAVEMENT & SHOULDER IMPROVEMENTS NO PAVEMENT & SHOULDER IMPROVEMENTS BRIDGE SIMON CAMP RD. BEGIN PROJECT Figure 1 - CR 565 Project

Pavement Improvement Limits

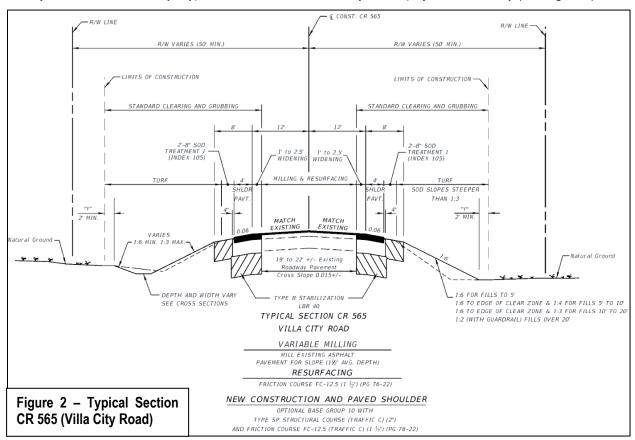
project. Many of these studies do not identify constructability issues or all the necessary construction pay items in the initial FDOT construction estimate. Some items we have already identified include:

- There is no friction course in the typical section or estimate. It does not meet FDOT friction course policy or Lake County's previous paving project.
- The new paved shoulders do not consider full depth pavement structure. It is impractical for the contractor to only
 widen 1-foot to 2.5-foot width of pavement (there is no pavement spreader or compact rollers this narrow). It does not
 match Lake County's previous paving project.
- Incorrect base group 05 was used in estimate. It should be base group 10 to match the County's previous project of 10-inch limerock base.
- The study or estimate do not consider impacts to side streets and concrete driveways. Travel lane pavement widening
 will require adjustments and additional construction cost for these connections.
- There is an error in the study's estimate for the roadway base and Type B subgrade quantity being the same. The
 Type B subgrade quantity should be at least 45% higher than the base quantity to account for the unpaved portion of
 the new shoulder construction.



Upon receiving the survey, we will verify the alignment, horizontal & vertical geometry, pavement cross slopes, drop offs or fixed above ground obstacles within clear zones, bridge railing with guardrail approachment and the no passing zones.

ROADWAY The proposed CR 565 (Villa City Road) typical section will mill & resurface the existing pavement that ranges in travel lane width of approximately 9.5 to 11 feet. Pavement widening will be require achieving the desired 12-foot-wide travel lanes. The new shoulder will be 8 feet with 4 feet paved. The friction course, structural pavement, base, and subgrade will closely match the Lake County's typical section used in the County's 2015 project for continuity (see **Figure 2**).



There are 7 horizontal curves within the 7-mile corridor, with the last three horizontal curves are in the pavement improvement areas for the project. The FDOT study recommended additional chevron curve warning signs at these locations. Our alignment analysis will verify the existing horizontal and vertical geometry. Superelevation transition lengths and full superelevation rates will be reviewed, and we will also verify the vertical alignment K values and confirm existing sight distances.

Our goal will be to minimize costly overbuild pavement to correct superelevation cross slopes or irregular pavement cross slopes in the tangent areas of the project. Sophisticated overbuild pavement constructions requires longer paving operations resulting in longer lane closure periods. We will maximize a variable milling depth to achieve RRR pavement cross slope design standards which may range from 0.015 to 0.030. Pavement details along with detailed cross sections will be developed to clearly illustrate to the contractor any pavement cross slope corrections needed for the project.

The FDOT Safety Analysis Study recommended guardrail installation due to substandard drop offs within the roadside clear zone. The first is located at the northwest side of Curve No. 4 near Green Branch Boulevard, the second at the south side of Curve No. 7 at Lake Arthur Road. We will also review and evaluate the existing guardrail at the existing bridge approaches for damage or any safety issues. No accidents have been reported at the existing bridge location. During our cross section development, we will evaluate any other possible drop off locations. Our field review will determine any above ground obstacles that may need shielding or removed within the clear zone. Because of the speed limit reduction from 55 MPH to 40-45 MPH, the clear zone will be reduced to a minimum 14 feet for the 45 MPH section and to 6 feet for the 40 MPH sections.



We will develop an FDOT format lane closure analysis based on 24-hour traffic counts provided by the County. Our traffic control notes will identify the appropriate Standard Plans Traffic Control indexes for lane closures and other construction activities required for the project. The notes will require the contractor to submit a detailed traffic plan prior to construction to make them responsible for the ways and means of construction and for the duration periods needed to construct the project.

SIGNING & PAVEMENT MARKINGS Our signing and pavement marking plans will adhere to the latest MUTCD manual. We will review and verify the no passing zone improvements identified in the FDOT Safety Study. Because this is an FDOT LAP project, singing and pavement markings will adhere to the FDOT Standard Plans which include 6-inch-wide center and edge lines. Signing improvements will include the reduction of the speed limits signs from 55 to 40-45 MPH. Additional curve warning chevrons signs will be installed at some of the horizontal curve locations with curve warning speed reduction signs with beacons. Based on our previous Lake County experience, signposts will include a 3-inch reflective post sleeve for the full length of the post with the color matching the background color of the sign that provides additional visibility for motorists.

SURVEY Our Project Manager and Design Surveyor are recommending the use of aerial LiDAR with photogrammetric imagery to capture the topographic information from right of way along the project corridor. Using an aerial approach reduces the amount of survey field control and on-site crew time, minimizing weather delays and schedule impacts. Obscured areas will include heavy tree canopies and lateral ditches with standing water. Georeferenced aerial orthoimagery will be provided for the project assisting with design and planning needs. This imagery will be helpful with concept plans and public involvement meetings.

All surveys will be completed per the Standards of Practice, chapter 5J-17, Florida Administrative Code pursuant to Section 472.027, Florida State Statutes under the direct supervision of a Professional Surveyor and Mapper. A project specific QA/QC plan will be developed for this project that will comply with the Right of Way Engineering Project Requirements as set forth by the Lake County Public Works/Engineering/Right of Way Section and any Florida Department of Transportation requirements for LAP funding. The horizontal control will be established relative to the North American Datum of 1983, 1990 Adjustment and vertical control will be relative to the North American Vertical Datum of 1988. A request will be made at the start of the project for a copy of the right of way package from Lake County Right of Way Supervisor. Existing maps, plats, deeds, and any other available records along with sufficient property corners, section ties, and evidence will be utilized to re-establish the existing alignments and right of way corridors.

Right of Way Identification Maps will be prepared for this project in accordance with Lake County standards and specifications. In the event of a proposed right of way take or proposed easement, our survey team will review title work, map existing easements, prepare a legal description and a parcel sketch for the acquisition. Upon final acceptance, the alignment(s) will be monumented and referenced in the field to ensure that no centerline points or references are more than 600 feet apart. All points found and set as part of the right of way survey will be included on the right of way identification maps. Finally, all survey deliverables for these projects will be completed in AutoCAD format.

Subsurface Utility Engineering (SUE): SECO Energy has a 3-phase overhead electric distribution line that is mainly located along the west side. At some of the roadway's horizontal curve locations the overhead electric line crosses to the east side then back to the west side. There is an existing underground fiber optic line mainly located along the east side along the right of way line. We do not anticipate any utility impacts for the project due to the pavement and shoulder widening that will require embankment with very little excavation anticipated. We will locate horizontally utility lines and structures to verify no impacts.

DRAINAGE We will review existing drainage patterns from record plans and verify existing drainage basins from Lake County's contour maps. Existing drainage patterns and the open swales will be maintained. We will review existing drainage structures for capacity and evaluate any maintenance issues that may be causing ponding or erosion along the roadway. The FDOT Safety Analysis Study identifies some areas of ponding on the roadway travel lanes. The new shoulders construction should eliminate the ponding in these areas; however, we will verify profile grades, pavement cross slopes and roadway side slopes to ensure positive sheet flow.



<u>UTILITY COORDINATION</u> ECHO will conduct an inquiry to determine the results of a utility permit search within the project limits. Once those utilities are identified via the inquiry, ECHO will conduct field reviews, phone and written contacts and records searches. Although not all these utilities and agencies will have impacts to their facilities, they all must be included in the utility coordination process to assess whether they have an involvement in this project.

Based on our 811 System inquiry and results of utility permit search within the project limits, there are potentially 12 UAO Contacts within the project limits. To verify our findings, we will be conducting field reviews, phone and written contacts and records searches. The identified Utility Owners and Agencies that are potentially involved are as follows:

<u>Utility</u>	<u>Agency</u>	Utility 1	Гуре
AT&T Florida	 Comcast 	Telephone	• CATV
Bright House Networks dba Charter/Spectrum	Duke Energy Distribution	• CATV	• Electric
CenturyLink	 Duke Energy Transmission 	• Fiber, Telephone	 Electric
 CenturyLink fka L3 	 Lake Apopka Natural Gas 	 Fiber 	 Natural Gas
 City of Groveland 	 Sumter Electric Cooperative 	 Water, Sewer 	 Electric
City of Mascotte	 Zayo Group fka Lightwave 	 Storm, Water 	Fiber

Utility Coordination Issues:

- Where existing utilities are attached to OE power poles, the UAOs must coordinate their adjustments with the power pole adjustments.
- If there are contamination sites along the project, they will be identified and shared with the UAOs to avoid adversely impacting their utility relocations.
- 29 CFR Part 1926 OSHA rule for cranes and derricks must be followed where OE safety zone encroachment is a consideration.
- Traffic control infrastructure must be accommodated along with the existing utilities.
- Within the project limits, there are numerous buried cable and fiber optic networks that must be accommodated along
 with numerous other types of utility infrastructure.

ENVIRONMENTAL SCIENCE The land use on Villa City is a mixture of some urban, but mostly undeveloped or natural land uses. We will complete the Type 1 Categorical Exclusion Checklist to determine the project's compliance with that process. The existing right of way is well mowed and maintained, but the existing drainage structures may contain wetland vegetation. There are also several jurisdictional wetland areas and one bridge crossing the Palatlakaha River along the project corridor. The proposed improvements are likely to impact lacustrine and palustrine wetlands or surface waters. Those impacts will require a State and Federal wetland permit (and mitigation). METRO will also deploy a Professional Wetland Scientist to delineate the boundary of any jurisdictional wetlands and their buffers within and adjacent to the existing right of way in order to determine the level of impact from the proposed design. Modifications to the Palatlakaha River bridge will likely require an Aids to Navigation Permit from the U.S. Coast Guard.

Much of the proposed project is within FEMA Flood Zone X or area of minimal flood hazard; however, the project corridor does cross and abut flood prone areas (e.g., Zone A and AE). Careful project design will be necessary to site stormwater features, ensure the adjacent flood prone areas are not affected, and provide adequate compensating storage. There is ample, suitable habitat for State and Federally protected wildlife to inhabit the area and known occurrences of them. Our Certified Wildlife Biologist will conduct a visual survey of the proposed project area to determine the likelihood of Listed Species being present. We will coordinate with the FFWCC and USFWS to determine level of impact and whether a focused survey and permit will be required to impact them or their habitat.

According to the State Historic Preservation Office's records, the proposed project does not contain any significant cultural resources within its boundaries. There are a few historic structures near the intersection of Villa City Road and SR 50, but these were identified as being ineligible for listing on the National Register of Historic Places. There do not appear to be any cultural or archaeological resources that will be affected by the proposed project, but we can deploy a qualified Archaeologist to conduct a CRAS to identify unknown or new resources that could be impacted by the proposed improvements, if necessary.



The proposed project is a Type III noise project and will not require a Noise Analysis. According to FDEP's Division of Waste Management records, there are a few known current or historic contaminations and solid waste facilities along the project corridor. There are also several small quantity hazardous waste generators, underground storage tanks, and other registered hazardous waste or cleanup sites within ½ mile of the project corridor. These are clustered mainly near the northern and southern project termini. Our staff will conduct a Contamination Screening Evaluation and verify and rank the potential risk from them to the project.

PROJECT MANAGEMENT

Communication: We manage projects through direct communication with our clients and recommend monthly progress meetings and virtual meetings as necessary to keep you informed as to our progress and our decision-making process. Our *Project Decision Journal*, updated prior to each progress meeting, will inform your Project Manager of all significant activities, decisions, correspondence, reports, and other communications related to our responsibilities as prime consultant.

Schedule: From the scope, the proposed schedule includes reviews of the major phase submittals by the city and FDOT. The key to any schedule is to identify the critical path activities associated with this project, which we have delineated in the schedule developed and shown after this project approach. We know from our experience on similarly scoped LAP projects that FDOT requires all clearances in advance of the Phase III (90%) Submittal. Because of this, the preliminary engineering must be completed and reviewed thoroughly in advance of the Phase I Submittal, so that subsequent component sets of plans (e.g., Signing and Pavement Markings) can be developed simultaneously with the final roadway plans to meet schedule.

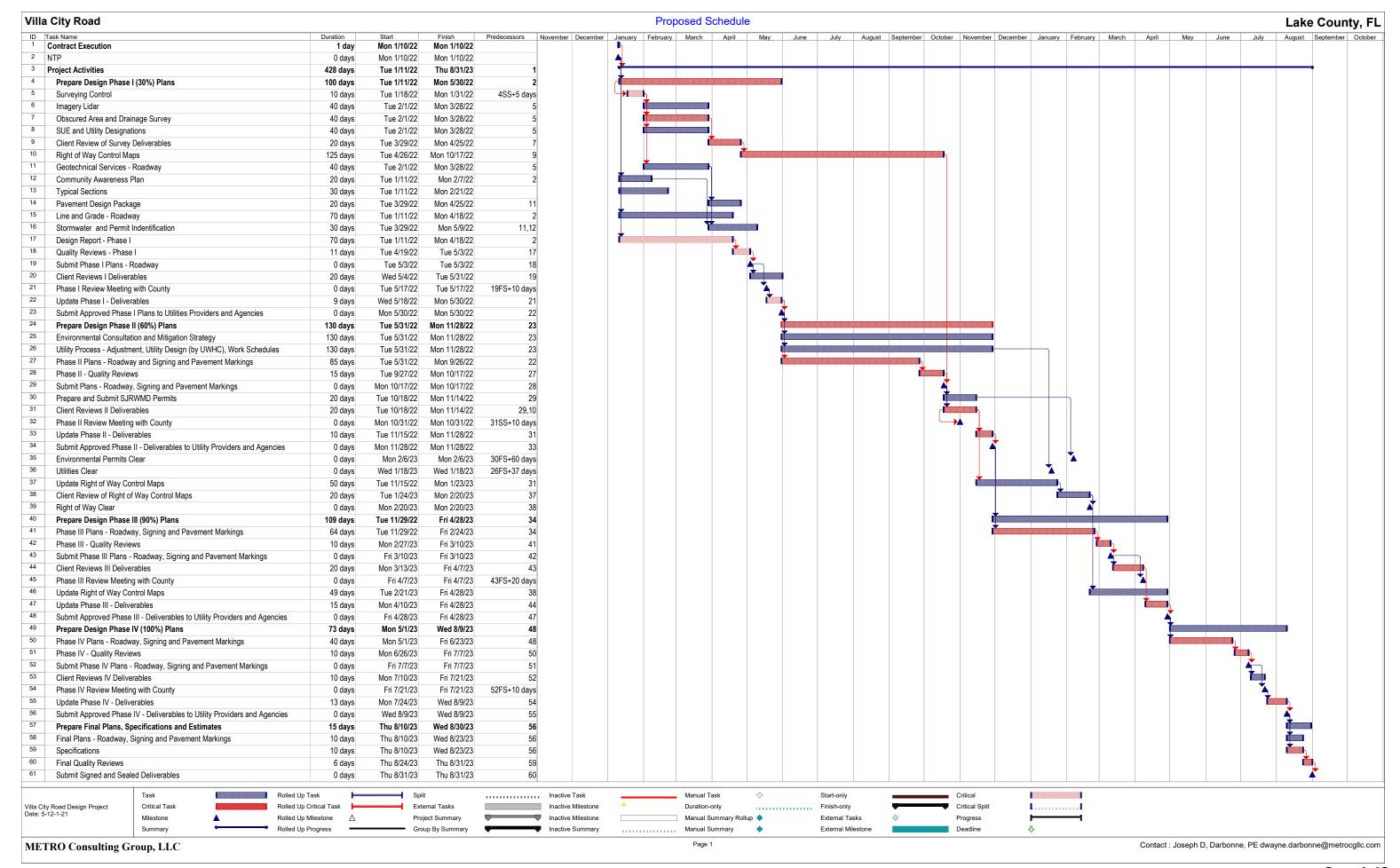
QUALITY CONTROL Our Project Manager and Principal Engineer, through his 35 years of being responsible for infrastructure projects, knows the value of a quality process, so it is an agenda item on our progress reports and during our internal meeting with our staff and subconsultants.

Within ten days of NTP, METRO will provide the County with a specific Quality Control (QC) Plan that lists the communication process and clear expectations for project deliverables. The METRO Team's QC Process consists of internal team reviews and independent technical reviews with knowledgeable staff experienced in FDOT design criteria and LAP requirements. The internal team reviews include a 5-step color-coded process. **Step 1:** A first review is conducted to check the deliverable and provide markups in red; **Step 2:** An update is made to the document to implement the markups and once completed are circled in green; **Step 3:** The deliverable is "back checked" to ensure all comments have been implemented. If so, the circled markups are highlighted in yellow; **Step 4:** Another review is conducted by a different team member to verify the comments have been implemented, and then the comments are to be highlighted in blue; **Step 5:** An independent QA Reviewer goes over the final document to ensure it meets expectations. A QC stamp is included on the deliverable and each reviewer signs the stamp indicated they have completed their review and are satisfied with the QC implementation. Then the deliverable is given to an independent technical reviewer for a second thorough review to receive verification that the QC process was implemented correctly according to the QC Plan and the deliverable is satisfactory with County expectations.

Sincerely,

Duagre Darbenne

Dwayne Darbonne, PE – Project Manager / Principal Engineer



WILLINGNESS TO MEET TIME REQUIREMENTS

METRO Consulting Group, LLC and the METRO Team provided herein are willing to meet Lake County's time requirements for this project.



FDOT PREQUALIFICATION LETTER



RON DESANTIS GOVERNOR

605 Suwannee Street Tallahassee, FL 32399-0450

July 9, 2020

Joseph Darbonne, Managing Member METRO CONSULTING GROUP, LLC 604 Courtland Street, Suite 140 Orlando, Florida 32804

Dear Mr. Darbonne:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Project Development and Environmental (PD&E) Studies Group 2

Group 3 - Highway Design - Roadway

- Minor Highway Design

- Major Highway Design - Controlled Access Highway Design 3.3

Group 5 - Bridge Inspection

> 5.4 - Bridge Load Rating

Group 6 - Traffic Engineering and Operations Studies

> - Traffic Engineering Studies - Traffic Signal Timing

Group 7 - Traffic Operations Design

> 7.1 - Signing, Pavement Marking and Channelization

7.3 - Signalization

Group 13 - Planning

> - Systems Planning 134

13.5

- Subarea/Corridor Planning - Land Planning/Engineering - Transportation Statistics 13.6

13.7

- Landscape Architect Group 15

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2021 for contracting purposes.

> Approved Rates Home/ Facilities Reimburse Home Premium Branch Capital Cost Actual Direct Overtime of Money Overhead Expenses Expense 108.37% 0.492% Excluded 6.60% No

Per Title 23, U.S. Code 112, there are restrictions on sharing indirect cost rates. Refer to Code for additional information.

Should you have any questions, please feel free to contact me by email at carliayn.kell@dot.state.fl.us or by phone at 850-414-4597.

Carliayn Kell Professional Services Qualification Administrator

TAB B



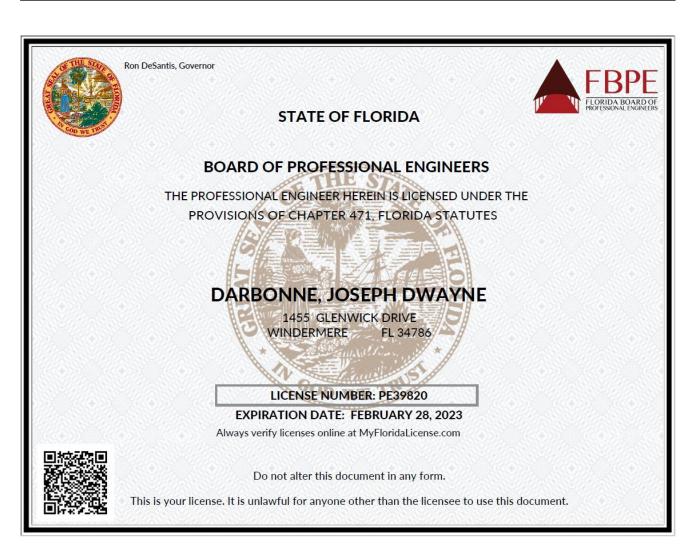


FIRM PROFILE FORM

Firm Name and Primary Corporate Address METRO Consulting Group, LLC 341 North Maitland Avenue, Suite 220 Maitland, FL 32751	Licensed to do business in the State of Florida X Yes No No Registered to do business in the State of Florida X Yes No
	1c. Name, Title, Email, & Telephone Number of Principal to Contact Joseph D. Darbonne, Managing Member Email: dwayne.darbonne@metrocglic.com
	Phone: 407-766-3003 1e. Firm is a Certified Minority Business Enterprise
1d. Firm is NationalX Regional Local FEIN #30-0653248	YesX_ No
Please list the number of people by discipline that you Project Manager - 1 Roadway/Transportation Engineer - 2 Environmental Scientist - 1	or firm will commit to the County's project.

PROOF OF ENGINEERING BUSINESS

Licensee						Print
Name:	M	ETRO CONSULTING GROU	JP, LLC	License Number:	29325	
Rank:	Re	egistry		License Expiration Date:		
Primary Status:	Cu	ırrent		Original License Date:	12/03/20	10
Related License II	nformation					
License Number	Status	Related Party	Relationship Type	e Relation Effective Date	Rank	Expiration Date
39820	Current, Active	DARBONNE, JOSEPH DWA	YNE Registry	11/22/2010	Professional Engineer	02/28/2023





TEAM COMPOSITION FORM

Role	Name of individual assigned to the project	Florida Active Registrations Number
Principal-in-Charge & Project Manager	Dwayne Darbonne	PE 39820
Roadway Engineer	Kim Elmer	PE 45203
Transportation Engineer	Anna Galbraith	EI 1100021303
Environmental Scientist	Bill Eggers	CEP 14051303 PWS 1180

Sub Consultants:

Sub Constituints.					
Role	Company Name	Projected %	Name of	Firm	Individual
(i.e., Underground	Handling this Project	of Over-All	Individual	Worked	Worked
Utility Location,		Work on	Assigned	with	with prime
Environmental, GIS		Entire	to this Project	prime	before
Mapping Services)		Project		before	(Yes or
				(Yes or	No)
				No)	
Geotechnical Engineering	AWK Consulting Engineers, Inc.	4%	Mahmoud Sedighi	No	No
SUE Survey Utility Coordination	ECHO UES, Inc.	7%	Eric Cain Trisha Miller	Yes	Yes

Are there any contractual agreements between the respondent (prime consultant) and any of the proposed sub-consultants? $\underline{\hspace{1cm}}$ yes $\underline{\hspace{1cm}}$ X $\underline{\hspace{1cm}}$ no

If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.



TEAM COMPOSITION FORM

Role	Name of individual assigned to the project	Florida Active Registrations Number

Sub Consultants:

Role (i.e., Underground Utility Location, Environmental, GIS Mapping Services)	Company Name Handling this Project	Projected % of Over-All Work on Entire Project	Name of Individual Assigned to this Project	Firm Worked with prime before (Yes or No)	Individual Worked with prime before (Yes or No)
Lighting QA Review	EXP U.S. Services, Inc.	4%	Aram Ebben Jose Clavell	Yes	Yes
Survey	GPI Geospatial, Inc.	16%	Matt LaLuzerne	No	No

Are there any cont	ractual agr	eemen	s between	the respond	ent (prime	consultant)) and any	of the j	proposed
sub-consultants?	yes	X	10						

If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.



TEAM COMPOSITION FORM

Role	Name of individual assigned to the project	Florida Active Registrations Number

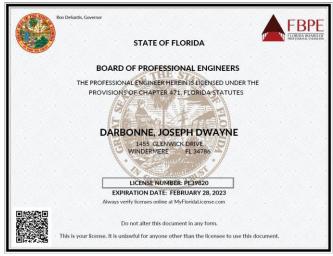
Sub Consultants:

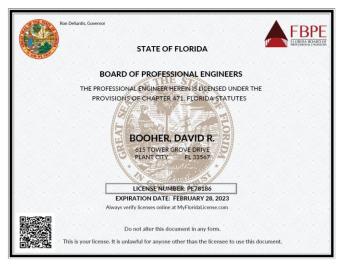
Role	Company Name	Projected %	Name of	Firm	Individual
(i.e., Underground	Handling this Project	of Over-All	Individual	Worked	Worked
Utility Location,		Work on	Assigned	with	with prime
Environmental, GIS		Entire	to this Project	prime	before
Mapping Services)		Project		before	(Yes or
				(Yes or	No)
				No)	
Miscellaneous Structures	Quigg Engineering, Inc.	1%	Dave Booher	Yes	Yes

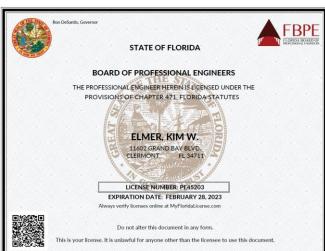
Are there any con	tractual agre	ements b	etween the responde	ent (prime consult	ant) and any	of the proposed
sub-consultants?	yes _	X no				

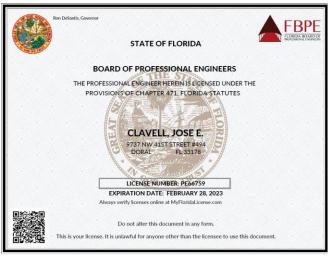
If the answer is yes, the respondent shall attach, with their submittal, information describing the contractual relationship including a copy of any written contractual agreement.

TEAM LICENSES





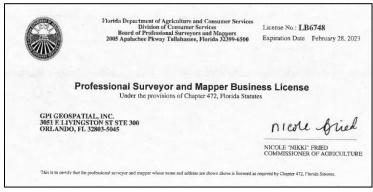


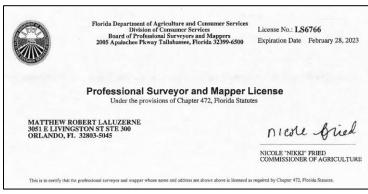


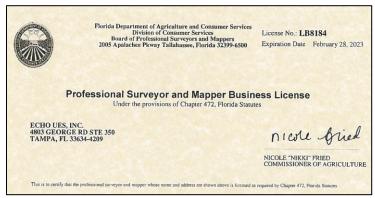


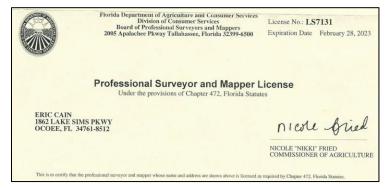


TEAM LICENSES









Dwayne Darbonne, PE

Project Manager



Total Years of Experience: 40

- Professional Engineer No. 39820, Florida, 1988

Education:

- Master Studies, Structural Engineering, 1987, Louisiana State University
- BS Civil Engineering, Louisiana Tech University, 1980

Project Experience

Mooks Street Study and Final Engineering Design Services (2020-Present) – Lake County

Project Manager / Engineer of Record for the engineering & design services for the extension of Hooks Street on new alignment from Hancock Road to Hartle Road in Clermont, FL. Phase I of the project is the preliminary engineering study which includes traffic modeling and analysis, environmental analysis, stormwater analysis, pond siting, agency coordination, coordination with developers in the study area, and public involvement (including a Public Hearing). Phase II includes the final engineering of the Hooks Street Extension as a 2-lane divided roadway with a roundabout, closed-system drainage design and stormwater ponds, 2 signalized intersection at Hancock Road and Hartle Road, intersection lighting, signing, pavement markings and landscape architecture.

Florida Turnpike Osceola County Widening (2015-Present) – Florida's Turnpike Enterprise

Chief Engineer / Engineer of Record and Public Involvement Specialist in support of Moffatt & Nichol for the Turnpike widening project from Neptune Road to Osceola Parkway. The METRO team is responsible for roadway reconstruction and drainage design for five cross-streets: Neptune Road, Partin Settlement Road, Simpson Road, Fortune Road, and Osceola Parkway. METRO is also responsible for the landscape architecture and public involvement (including a Public Hearing) for the entire eight (8) miles of the Turnpike mainline.

Lake Louisa Road Final Engineering Design (2018-2020) – Lake County

Project Manager / Engineer of Record for the LAP-funded safety improvements project for Lake Louisa Road from just north of Gleason Way to just south of Hammock Ridge Road in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved), milling & resurfacing, and signing & pavement markings.

Lakeshore Drive Final Engineering Design (2018-2020) – Lake County

Project Manager / Engineer of Record for the LAP-funded safety improvements project for Lakeshore Drive from Crescent Pines Boulevard to Harder Road/Lake Susan Court in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved) at two curves, milling & resurfacing, cross-slope corrections, signing & pavement markings, drainage improvements, and lighting.

I-75 from SR 500/US 27 Interchange to Alachua County Line (2014-2015) – FDOT District 5

Project Manager / Engineer of Record for RRR of 20 miles of resurfacing of interstate highway, including the reconstruction of 4 exit ramps at the SR 324 and CR 318 interchanges. Over 10 miles of the I-75 mainline cross slopes and guardrail attachments were brought up to current FDOT standards. To enhance emergency responsiveness on the corridor, the team coordinated with Marion County for the construction of a proposed emergency turn around. Project included the relocation of the existing pedestrian signals at the interchange ramps and SR 324 and CR 318. This project was accelerated from an 18-month schedule to completion in 12 months.

Kim Elmer, PE

Roadway Engineer



Total Years of Experience: 38

- Professional Engineer No. 45203, Florida, 1990

Education:

- AS, Civil Engineering, Madison Area Technical College, 1982

Project Experience

Florida Turnpike Osceola County Widening (2015-Present) – Florida's Turnpike Enterprise

Senior Transportation Engineer in support of Moffatt & Nichol for the Turnpike widening project from Neptune Road to Osceola Parkway. The METRO team is responsible for roadway reconstruction and drainage design for five cross-streets: Neptune Road, Partin Settlement Road, Simpson Road, Fortune Road, and Osceola Parkway. METRO is also responsible for the landscape architecture and public involvement (including a Public Hearing) for the entire eight (8) miles of the Turnpike mainline.

Lake Louisa Rd. Safety Design (2018-2020) – Lake County Public Works

Senior Transportation Engineer for the LAP-funded safety improvements project for Lake Louisa Road from just north of Gleason Way to just south of Hammock Ridge Road in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved), milling & resurfacing, and signing & pavement markings.

Lakeshore Dr. Safety Design (2018-2020) – Lake County Public Works

Engineer of Record for the LAP-funded safety improvements project for Lakeshore Drive from Crescent Pines Boulevard to Harder Road/Lake Susan Court in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved) at two curves, milling & resurfacing, cross-slope corrections, signing & pavement markings, drainage improvements, and lighting.

▲ I-295/Blanding Boulevard Interchange – FDOT District 2

Engineer of Record for the I-295 – Blanding Boulevard Interchange safety operational improvement project. The objective of the project was to implement design improvements to remove traffic congestion. This project was honored with the 2007 FICE/FES Engineering Excellence Grand Project award.

№ I-4 Reconstruction – Section No. 5 – FDOT District 7

Engineer of Record on a three-mile segment of I-4 in Plant City, also known as Section No. 5. The project consisted of the reconstruction of I-4 to a six-lane interstate facility.

SR 507 (Babcock Street) from Melbourne Avenue to Fee Avenue – FDOT District 5

Project Manager on the widening and reconstruction of SR 507 (Babcock Street), a heavily congested urban roadway in the Community Redeveloped District of Melbourne. The project required significant right-of-way acquisition along the entire eastern side of the corridor to accommodate the roadway and intersections expansion.

▲ I-95/St. Lucie West Blvd. Interchange Widening

Engineer performing the milling, resurfacing, and widening of one mile of existing two-lane rural highway to a six-lane urban highway over I-95 in St. Lucie County. The project also entails the reconstruction of the existing I-95 interchange ramps.

Anna Galbraith, EI

Transportation Engineer



Total Years of Experience: 4

- Registered Engineering Intern No. 1100021303, 2018, Florida

Education:

- ME Civil Engineering, University of Florida, 2020
- BS Environmental Engineering, University of Central Florida, 2017

Project Experience

Florida's Turnpike Osceola County Widening (2015-Present) – Florida's Turnpike Enterprise

Transportation & Drainage Engineer (2017 to Present) in support of Moffatt & Nichol for the Turnpike widening project from Neptune Road to Osceola Parkway. The METRO team has assisted in the roadway reconstruction and drainage design for five cross-streets: Neptune Road, Partin Settlement Road, Simpson Road, Fortune Road, and Osceola Parkway. METRO is also primarily responsible for the landscape architecture and public involvement (including a Public Hearing) for the entire eight (8) miles of the Turnpike mainline. She is responsible for public involvement activities and materials and plans production.

Toho-Valencia Trail II (2018-2020) – City of Kissimmee Public Works

Project Engineer for Phase II of the LAP-funded TOHO-Valencia Trail, from the Mill Slough bridge on US 192 to Valencia College on Denn John Lane. The scope included designing a 10-ft shared use path, drainage analysis and design, utility coordination, and environmental permits with SFWMD and USACE. She was responsible for the trail design, drainage analysis and design, utility coordination, obtaining SFWMD ERP, and plans production.

CR 455 Extension PD&E Study (2018-2020) – Lake County Public Works

Environmental Engineer/Public Involvement Support for the preliminary engineering and environmental analysis services for the extension of CR 455 on new alignment from Hartwood Marsh Road to Schofield Road, approximately 4.7 miles. The scope included studying the CR 455 extension on new alignment as an urban, 4-lane, divided roadway that will eventually connect to CFX's proposed Lake-Orange County Connector. The Study included extensive public involvement, environmental analysis, and agency coordination between developers, a sand mine, Water Conserv II, and CFX Authority. She was responsible for the conceptual design, Preliminary Engineering Report, Location Hydraulics Report, and public involvement activities and materials.

Lake Louisa Road Safety Design (2018-2020) – Lake County Public Works

Transportation Engineer for the LAP-funded safety improvements project for Lake Louisa Road from just north of Gleason Way to just south of Hammock Ridge Road in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders, milling & resurfacing, and signing & pavement markings. She was responsible for the roadway design, utility coordination, obtaining a permit exemption from SJRWMD, and plans production.

Lakeshore Drive Safety Design (2018-2020) – Lake County Public Works

Transportation Engineer for the LAP-funded safety improvements project for Lakeshore Drive from Crescent Pines Boulevard to Harder Road/Lake Susan Court in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders at two curves, milling & resurfacing, cross-slope corrections, signing & pavement markings, drainage improvements, and lighting. She was responsible for utility coordination and obtaining a permit exemption from SJRWMD.

Bill Eggers, CEP, CWB, PWS

Environmental Scientist



Total Years of Experience: 28

- Certified Environmental Professional
- Certified Wildlife Biologist
- Florida Master Naturalist, Professional Wetland Scientist

Education:

- BS Wildlife Ecology, Zoology Minor, University of Florida, 1992

Project Experience

Toho-Valencia Trail II (2018-2020) – City of Kissimmee Public Works

Senior Environmental Scientist for Phase II of the LAP-funded TOHO-Valencia Trail, from the Mill Slough bridge on US 192 to Valencia College on Denn John Lane. The scope included designing a 10-ft shared use path, drainage analysis and design, utility coordination, and environmental permits with SFWMD and USACE. The project included significant agency coordination with the City of Kissimmee, FDOT, Osceola County, Valencia College, City of Kissimmee CRA, and two adjacent private development projects.

CR 455 Extension PD&E Study (2018-2020) – Lake County Public Works

Managed interagency coordination and conducted environmental evaluations for the extension of County Road 455 in Lake County from Hartwood Marsh Road to Schofield Road. Author Wetland Evaluation Report, Endangered Species Biological Assessment, Noise Study Report, Contamination Screening Evaluation Report, and Cultural Resource Assessment Report. Disseminate report information and interact with affected stakeholders at public meetings.

Lake Louisa Rd. Safety Design (2018-2020) – Lake County Public Works

Senior Environmental Scientist for the LAP-funded safety improvements project for Lake Louisa Road from just north of Gleason Way to just south of Hammock Ridge Road in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved), milling & resurfacing, and signing & pavement markings.

Lakeshore Dr. Safety Design (2018-2020) – Lake County Public Works

Senior Environmental Scientist for the LAP-funded safety improvements project for Lakeshore Drive from Crescent Pines Boulevard to Harder Road/Lake Susan Court in Clermont, FL. The scope included widening the two-lane road for 8-ft shoulders (5-ft paved, 3-ft unpaved) at two curves, milling & resurfacing, cross-slope corrections, signing & pavement markings, drainage improvements, and lighting.

Traffic Signal at Citrus Tower Blvd. and Mohawk Rd. (2018-2019) – Lake County Public Works

Senior Environmental Scientist for the LAP-funded safety improvement project at the intersection of Citrus Tower Blvd. and Mohawk Rd. in Clermont, FL. The scope included box-span traffic signal design, ADA ramp improvements, signing and pavement markings, and fiber optic cable interconnect. This project also included right-of-way acquisition and coordination with an ongoing private development project at an adjacent property.

I-75 from SR 500/US 27 Interchange to Alachua County Line (2014-2015) – FDOT District 5

Environmental Scientist responsible for conducting jurisdictional wetland delineation for RRR of 20 miles of resurfacing of interstate highway, including the reconstruction of 4 exit ramps at the SR 324 and CR 318 interchanges.

Mahmoud Sedighi, MS, PhD, PE

Geotechnical Engineer

Education

- Ph.D. Geotechnical Engineering, University of Texas, 1991
- M.S. Structural Engineering, University of Illinois, 1980
- B.S. Civil Engineering, Polytechnic Institute of Tehran, 1977

Years of Experience: 33

Registration

• PE Florida No. 75673, PE Pennsylvania No. 044838E, PE California No. C89144

Sample Projects

- CFX SR408 Widening from Good Homes Rd to Hiawassee Rd, Orange County, FL (2 miles). This project entails the widening of an approximately two-mile long section of SR408, along with milling and resurfacing on the west side of Orlando. Dr. Sedighi serves as Chief engineer on AWK's portion of the project, which involves all geotechnical engineering services related to the roadway, drainage, sound walls and miscellaneous structures.
- SR 417 Widening from International Drive to John Young Parkway (JYP), Orange County, Florida. The CFX mainline widening project consists of an approximately 4-mile roadway widening, multiple bridge replacements (AWK oversees the JYP Bridge), noise walls, high-embankment fills, and mast-arm structures (ITS, Overhead Cantilever sign, etc.). Dr. Sedighi served as the Chief Geotechnical Engineer/EOR in charge of bridge and miscellaneous structures portion of the project (drilling, laboratory testing, and geotechnical engineering design of the shaft and bridge foundations).
- Colonial Parkway, SR 50 Corridor improvements from Woodbury Road to SR 520 PD&E study, Orange County, Florida. The project consisted of a study to evaluate potential capacity and operational improvements along SR 50 corridor. The PD&E Study includes alternatives to address existing and future transportation needs for SR 50 and introduce general toll lanes. AWK performed preliminary bridge borings for 3 potential bridge locations (SR 50 Over Chuluota Rd, CR 13, and SR 520). This includes all drilling, testing, and recommendations for bridge foundation designs. Dr. Sedighi served as the Chief Geotechnical engineer/Engineer of Record (EOR) for this study managing all aspects of the geotechnical engineering design from drilling, laboratory testing, and foundation analysis of the 3 bridge site locations.
- SR 528 Widening from East of SR 524 (Industry Rd.) to East of SR 3, FDOT District 5, Brevard County. Dr. Sedighi completed the Report of Geotechnical Engineering Investigation, which entailed a roadway Soil Survey for 387 auger borings, and 71 pond borings for 13 ponds, which required 26 permeability calculations for both, Constant and Falling Head. Along the 13-mile, 4 to 6 lanes widening along SR 528, Dr. Sedighi provided geotechnical design and configurations for all on-ramps and off-ramps widening (in the interchanges) and numerous stormwater treatment facilities.
- S.R. 76 (Pennsylvania Turnpike) Milepost 1.85 to Milepost 9.29, Philadelphia County, PA.

Dr. Sedighi performed various geotechnical engineering analyses for the replacement of mainline bridge structures WB-101, WB-102 and WB-110; the extension of reinforced box culverts WB-104, WB-106, WB-108, WB-111, WB-114 and WB-201; removal and replacement of overhead bridges WB-103 and WB-200; the installation of a 1,700-foot sound barrier wall; the installation of a 300-foot T-wall retaining wall; and the mainline stability for cuts and fills due to widening at various locations.



Eric Cain, PSM SUE Surveyor

Education

• B.S. – Geomatics, University of Florida, 2016

Years of Experience: 16

Registration

Florida Professional Surveyor & Mapper – LS 7131



Sample Projects

• Toho-Valencia Trail II, Kissimmee, FL.

ECHO provided services that included identifying and marking the location of existing utilities within the project limits using a combination of field investigative techniques and technology, including surface geophysical instruments. During this project, Mr. Cain was the project surveyor where he oversaw surveying services.

• Orlando Health Electrical Underground Feed on Kuhl Ave. and Sturtvant Street, Orlando, FL.

In this role, Mr. Cain was the Project Surveyor where ECHO performed a topographical survey of the project limits to include existing improvements, such as road surface, signs, pavement markings, edge of pavements, road center line, in addition to trees, signs and other improvements on the ROW portion of the project limits.

• Road Improvements N. Palmetto St., Greenleaf Lane N. Lake St., Lake Mary, Seminole County, FL.

This project consisted of a topographical survey and SUE services for the design of certain road improvements along N. Palmetto St., Greenleaf Lane and N. Lake St. in Lake Mary, FL. During this project, Mr. Cain was the project surveyor where he oversaw surveying, and utility coordination (UC) services.

• Paradise Heights Drainage Improvements, Orange County, FL.

Mr. Cain was the Surveyor of Record on this project, providing subsurface utility engineering (utility designating, locating) and surveying.

• Miller Rd. Culvert Replacement, Seminole County, FL.

Mr. Cain acted as the Surveyor of record for the topographical survey and subsurface utility engineering effort for this project consisting of replacing an existing culvert and single lane private bridge. The project was funded under FEMA's Hazard Mitigation Program.

Trisha Miller Utility Coordinator

Years of Experience: 18



Ms. Miller's responsibilities include facilitation of resolution of utility/design conflicts between utility owners with facilities located within the roadway project limits and the roadway designers and engineers. Some utility owners have prior rights, such as easements or fee simple property ownership, and are due compensation for any engineering effort or relocation work necessary for a project. Most utility facilities lie within rights-of-way through permits, which require they relocate upon any improvements to the roadway. A utility coordinator must hold meetings at certain milestones with all parties involved: utility owners, designers, project owner (department of transportation, municipality, etc.) and discuss the potential impacts to the existing utility facilities and constructability of the project. Coordination of, and dissemination of, the subsurface utility engineering information is vital in determination of conflicts with the proposed roadway design. A thorough knowledge of the latest statutes and regulations is also important in accomplishing these tasks.

Ms. Miller's career in utility coordination includes over 12 years of experience serving the Florida Department of Transportation's District Five, seven of which were spent within their utilities department. She has managed and certified over 100 projects, in addition to coordinating and managing value engineering contracts and 30 studies, as well as processing mapping coordination.

Sample Projects

• I-4 @ CR 532 Interchange Improvements, Osceola County, FL, FDOT D5.

Ms. Miller serves as the Senior Utility Coordinator.

• SunRail Project – Phase 2, Orange and Osceola Counties, FL, FDOT D5.

The project aimed at providing reliable mobility service during peak travel periods to relieve traffic congestion in Central Florida. The line runs on the existing tracks of CSX Transportation. The Federal Transit Administration (FTA) gave the green signal to the SunRail project in 2007 and Phase 2 began design in 2014. This Phase included five stations, addition of dual tracks and multiple at grade crossing improvements. Both Phases were awarded as Design-Build projects, T2 provided utility coordination (UC) and Subsurface Utility Engineering services during the design phase and utility coordination during the construction phase. Ms. Miller provided the UC services for this project throughout. The project was given the "Florida's Best in Construction Community Awareness" award 2019.

• South Street Realignment from East of Rosalind Avenue to Orange Avenue, Orlando, FL, FDOT D5.

Ms. Miller served as the Senior Utility Coordinator. This was a realignment project in the heart of Downtown Orlando. This project runs next to the new Dr. P. Phillips Performing Arts Center development and is a signature element for the Orlando community. This project involved extensive coordination between multiple utilities, District Five and the City of Orlando.

• SR 50 from Good Homes Road to Pine Hills Road, Orlando, FL.

A major roadway widening and reconstruction project that included three Utility Work by Highway Contractor Agreements. Ms. Miller served as the Senior Utility Coordinator.

Jose Clavell, PE

QA Reviewer

Education

- Modeling and Simulation of Transportation Network, Massachusetts Institute of Technology, 2011
- B.S. Civil Engineering, University of South Florida, 1999

Years of Experience: 20+

Registration

• Florida Professional Engineer No. 66759

Sample Projects

• FDOT District Four, Preliminary Design for SR-5/US-1 from 59th St. to SR-850/Northlake Blvd., Palm Beach County, FL. Project Principal/Chief Engineer.

The purpose of this contract is to conduct a Feasibility Study to ensure the recommendations from the US-1 Multimodal Corridor Study ("Corridor Study") conducted by the Palm Beach Transportation Planning Agency (PBTPA) are feasible within the existing right of way (R/W) and to record public outreach, any variations, permitting, utility coordination, tree impacts, and evaluation of existing infrastructure in line with PBTPA's objectives and vision. The "Corridor Study" was conducted to develop a comprehensive plan to upgrade the existing Palm Tran limited stop service to a corridor-based Bus Rapid Transit (BRT) service, the Palm Tran Express (PTX), with the goal of applying for Small Starts Funding or phasing improvements with local funding. The "Corridor Study's" purpose was also to implement continuous multimodal facilities (Complete Streets) along SR-5/US-1 throughout a 42-mile stretch running north-south across 14 local municipalities in Palm Beach County, while prioritizing the need for connectivity when dealing with limited space within the R/W. This Feasibility Study is limited to SR-5/US-1 between 59th St. and Northlake Boulevard, a 3-mile stretch. Recommendations from this Feasibility Study will be used in the subsequent design phase.

• FDOT District Six, NW 36th Street Multimodal Corridor Study, Miami-Dade County, FL. Project Principal/Chief Engineer.

SR 948/NW 36th Street is an east-west corridor in Miami-Dade County, Florida. From SR 826/Palmetto Expressway to I-195/SR 112/Julia Tuttle Causeway, SR 948 is 8.626 miles long and traverses the cities of Virginia Gardens, Miami Springs, Hialeah, and Miami. This corridor serves the Miami International Airport (MIA), Florida East Coast Railroad's (FEC's) Hialeah Yard, and major recreational and community centers such as the Miami Springs Golf & Country Club, Casino Miami, Tropicana Flea Market, Miami Jackson Senior High School, and The Shops at Midtown Miami. The goal of this scope of services is to document the range and complexity of professional transportation planning and traffic engineering services required for the development and evaluation of multimodal improvements that address existing and future mobility, operational, social, economic, and safety needs along SR 948/NW 36th Street.

• FDOT District Six, PD&E Study on SR 94/Kendall Corridor in Miami-Dade County from SR 977 to US 1, FL; Project Manager.

PD&E study consisting of evaluating transit/roadway alternatives by analyzing the future demand for these transportation facilities and services. In 2002, the SR-94/Kendall Drive Corridor (Kendall Corridor) was identified as one of six Rapid Transit Corridors in the People's Transportation Plan (PTP). Miami-Dade TPO Governing Board directed that the Kendall Corridor be implemented in an expedited manner assuming full Bus Rapid Transit (BRT), Light Rail Transit (LRT), Heavy Rail Transit (HRT), or other appropriate premium transit modal technologies.



Aram Ebben, IALD, LEED AP Lighting Designer

Education

- Pitzer College, Claremont, CA- BA, 1994, Theatrical Design Lighting, Scenic, Costume
- Motley School of Design, London, UK- Master's Program 1995, Theatrical Design

Years of Experience: 25



• Orange County Convention Center Facades - Orlando, Florida.

Scope included lighting design and electrical engineering for this 300,000-sf renovation project. Using over 400 RGBW Color Changing LED luminaires, EXP illuminated this iconic building's façade in Orlando, FL. Role was Principal-in-charge, Overall Design Manager for Lighting Design.

• JW Marriott Bonnet Creek - Orlando, Florida.

EXP provided full lighting design and engineering services for this new 516 room hotel. In addition, the guest rooms the project also features a 50,669-sf event space. Role was Principal-in-charge, Overall Design Manager for Lighting Design.

• Carrier Center for Intelligent Buildings - Palm Beach Gardens, Florida.

EXP provided full lighting design and engineering services for this new corporate training and operations center. The building is over 224,000sf and was awarded LEED Platinum. Role was Principal-in-charge, Overall Design Manager for Lighting Design.

• KAFD Conference Center-Rivadh, Kingdom of Saudi Arabia.

EXP provided full lighting design and engineering services for this new corporate training and operations center. The building is over 224,000sf and was awarded LEED Platinum. Role was Principal-in-charge, Overall Design Manager for Lighting Design.

• Washington Wabash Elevated Train Station - Chicago, Illinois.

EXP provided full design and engineering services to this multiple award-winning train station in downtown Chicago. The first all LED train station in the downtown loop has redefined the jewelry district with its sophisticated architecture. The lighting design is seamlessly integrated into the sweeping forms illuminating the structure from the inside out. Role was Overall Design Manager for Lighting Design.



Matthew LaLuzerne, PSM

Surveyor

Education

- MBA, Rollins College, 2011
- BS Geomatics, University of Florida, 2005

Years of Experience: 25

Registration

Florida Professional Surveyor & Mapper No. LS6766

Sample Projects

• FDOT SR 25 (US 27) from O'Brien Rd. to South of CR 48 Resurfacing Project, Lake County, FL.

The design survey for this resurfacing project involved both mobile LiDAR and conventional survey activities. GPI was responsible for data collection using mobile LiDAR of SR 25 for 8.5 miles MP 23.818 to MP 32.077 using our Riegl VMX-450 laser scanning system. The collection and processing of mobile LiDAR was in accordance with the latest FDOT Terrestrial Mobile LiDAR Guidelines. Deliverables included calibrated LiDAR point cloud tiled in LAS format, DTM and planimetric, topographic survey files in 3D MicroStation format, digital georeferenced color imagery, and field survey/trajectory accuracy report and met Florida Standards of Practice. Client: Florida Department of Transportation-District 5.

• FDOT SR 50 from 0.400 Miles East of the Sumter/Lake County Line to CR33, Sumter and Lake Counties, FL.

GPI provided a topographic survey of the pavement for SR 50 utilizing mobile LiDAR and ground surveys for off-pavement, drainage, wetlands, PNC, geotechnical borings, together with data merging, to provide a complete design survey deliverable. Client: Florida Department of Transportation-District 5.

• FDOT Turnpike Mainline (SR 91) Widening from Minneola Interchange to US 27, Lake County, FL.

GPI provided a topographic survey of this corridor for the widening of the Turnpike mainline utilizing a combination of aerial LiDAR, terrestrial mobile LiDAR (TML), and conventional survey for obscured areas. Aerial LiDAR provided topographic data for off-pavement areas, including limits beyond the existing R/W. The imagery and LiDAR was captured simultaneously. GPI secured Mobile LiDAR data and digital imagery utilizing our Riegl VMX-450 mobile laser scanning system. Control information was tied directly to the resurfacing project to the north, the new Minneola interchange, and the widening project just south of the new interchange for consistency in horizontal and vertical datums. GPI merged the mobile LiDAR survey and mapping data with obscured field survey files data into one final deliverable. Client: Florida Department of Transportation - Florida Turnpike Enterprise.

• FDOT District 5 Surveying & Mapping, FL.

GPI is on DRMP Inc.'s contract to provide photogrammetric, mobile LiDAR, and survey services for FDOT's District 5. Anticipated efforts include 3D mapping from aerial LiDAR and photogrammetric imagery, orthoimagery production, as well as data merging. Detailed control layouts, flight plans, and delineation of obscured areas would be communicated to other surveying consultants to facilitate their survey support needs. Aerial mapping efforts are anticipated to support in-house design projects as well as advanced consultant acquisition projects. Client: DRMP, Inc. / Florida Department of Transportation-District 5.



Dave Booher, PE, SE

Structural Engineer

Education

• BS Civil Engineering, Michigan Technological University, 1982

Years of Experience: 38

Registration

Florida PE #78186, Illinois SE #081-004775, Illinois PE #062-043769, Iowa PE #23124, Missouri PE #2017000912, Kentucky PE #33002

Sample Projects

• SR 618 Selmon West Extension, FPID 439023-1 – Tampa Hillsborough Expressway Authority (THEA).

Sub-consultant to HNTB providing continuing engineering services on a task order basis. Provided structural engineering reviews of design-build structure plans and design calculations for items including retaining walls, box culvert extensions, bridge mounted lighting, overhead toll gantries, traffic signal poles, overhead sign structures, cantilever sign structures, and ITS poles. Work also included the review of shop drawings and submittals for sign structures, light poles, traffic signal mast arms, and overhead toll gantries.

• Citrus Tower Blvd & Mohawk Road, FPID 439415-1-38-01 - Lake County, FL.

Sub-consultant to METRO Consulting Group structural design of traffic signal poles and span wire for box span configuration at intersection. Booher was structural EOR.

• Sea Wall at Clubhouse Drive, Palm Coast, Flagler County, FL.

Preparation of structural design and permit plans for replacement of 100' tied back sheet pile sea wall with concrete cap.

• Ridge of Dundee Subdivision, Retaining Wall Lot 59, Dundee, Florida.

Design of reinforced concrete masonry cantilever retaining wall 7 feet high by 88' feet long.

• IL 185 over East Fork Kaskaskia River, SN 026-2020, IL DOT District 7.

Double 12' H x 8' V Cast-in-Place Box Culvert, 30-degree skew. David was Project Manager and directed the preparation of plans. David was Engineer of Record and sealed plans. He prepared structural design calculations for the reinforced concrete box and performed QA reviews of the geometric calculations and plans. Construction Cost \$300,000.

• FAS 2255 over Fox River, SN 050-3450, LaSalle County Highway Department.

Design of 800' long steel plate girder bridge on new alignment over the Fox River in LaSalle County Illinois. 8 span high-level signature bridge carrying two traffic lanes and sidewalk. Supported on hammerhead piers with spread footings. Booher was Project Manager and EOR.

• WB I-70 over I-55 & EB I-270 over I-70, SN 060-0022 & 060-0059, IL DOT District 8.

Superstructure replacement and widening for two curved steel ramp bridges. 4 spans & 3 spans, each with 48" deep curved steel plate girders on skews approaching 60 degrees. 1910' curve radius with high skew required complex 3D frame analysis. Booher was Project Manager and EOR.

QUIGG ENGINEERING INC

LIST OF SUBCONSULTANTS



AWK Consulting Engineers, Inc.



ECHO UES, Inc.



EXP U.S. Services, Inc.



GPI Geospatial, Inc.



Quigg Engineering, Inc.

TABC





ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

Project Name & Location		Project Owners Name & Address
Lakeshore Drive Safety Improvements - Lake County, FL		Lake County Public Works 350 N. Sinclair Avenue PO Box 7800 Tavares, FL 32778
Project Manager: Dwayne Darbonne, PE		
Completion Date (Actual or Estimated	() March 2020	
Estimated Cost (In Thousands)		Project Owner's Contact Person, Title,
Entire Project	Work for which firm was/is responsible	Email, & Telephone Number George Gadiel, PE Lake County Project Manager
\$ 192,400	\$ 62,730	ggadiel@lakecountyfl.gov 352-253-9092

Scope of Entire Project (Please give quantitative indications wherever possible)

This was a LAP-funded project and underwent reviews by FDOT LAP Coordination Staff at District 5. The project included improvements to only two curves within the project limits that began at Crescent Pines Boulevard and ended just north of Kingfisher Drive. The scope included widening for eight-foot shoulders, milling, resurfacing, cross-slope corrections, minor drainage modifications to the roadside swales, signing and pavement markings, utility coordination, and environmental assessment.

Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)

METRO was responsible for quality reviews of the roadway design and calculations, utility coordination, obtaining a SJRWMD permit exemption, and conducting an environmental assessment.

Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project

Dwayne Darbonne, PE - Project Manager Kim Elmer, PE - Roadway Engineer and Engineer of Record Anna Galbraith, EI - Roadway Engineer Bill Eggers, CEP, CWB, PWS - Environmental Scientist Eric Cain, PSM - SUE Surveyor



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

Project Name & Location		Project Owners Name & Address
Lake Louisa Road Safety Improvemen	nts - Lake County, FL	Lake County Public Works 350 N. Sinclair Avenue PO Box 7800 Tavares, FL 32778
Project Manager: Dwayne Darbonne, PE		
Completion Date (Actual or Estimated	() March 2020	
Estimated Cost (In Thousands)		Project Owner's Contact Person, Title,
Entire Project \$ 166,200	Work for which firm was/is responsible \$ 116,350	Email, & Telephone Number George Gadiel, PE Lake County Project Manager ggadiel@lakecountyfl.gov 352-253-9092

Scope of Entire Project (Please give quantitative indications wherever possible)

This was a LAP-funded project and underwent reviews by FDOT LAP Coordination Staff at District 5. The project included widening for eight-foot shoulders (5-feet paved, 3-feet unpaved), milling, resurfacing, minor drainage modifications to the roadside swales, signing and pavement markings, utility coordination, and environmental assessment. Coordination with SECO occurred for relocating power poles along the corridor. This project required floodplain compensation due to the widening slightly impacting a 100-year floodplain. The compensation was accounted for within the roadside swale.

Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)

METRO was responsible for roadway design and calculations, signing and pavement markings, drainage swale regrading, utility coordination, obtaining a SJRWMD permit exemption, conducting an environmental assessment, and floodplain compensation.

Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project

Dwayne Darbonne, PE - Project Manager and Engineer of Record Kim Elmer, PE - Roadway Engineer Anna Galbraith, EI - Roadway Engineer Bill Eggers, CEP, CWB, PWS - Environmental Scientist Eric Cain, PSM - SUE Surveyor



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

Project Name & Location		Project Owners Name & Address
TOHO-Valencia Trail II - Kissimmee, I	FL	City of Kissimmee Public Works 101 Church Street, Suite 301 Kissimmee, FL 34741
Project Manager: Dwayne Darbonne Completion Date (Actual or Estimated	-	
Estimated Cost (In Thousands)		Project Owner's Contact Person, Title,
Entire Project	Work for which firm was/is responsible	
\$ 99,080	\$ 59,250	robert.masiku@kissimmee.gov 407-624-0269

Scope of Entire Project (Please give quantitative indications wherever possible)

This was a LAP-funded project and underwent reviews by FDOT LAP Coordination Staff at District 5. The scope included designing a 10-foot shared use path for 0.5 miles, ditch re-grading, drainage structure modifications, utility coordination, and obtaining environmental permits from SFWMD and USACE.

Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)

METRO was responsible for trail design and calculations, drainage ditch re-grading and structure modifications, utility coordination, obtaining a SJRWMD permit, conducting an environmental assessment, and obtaining a USACE permit.

Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project

Dwayne Darbonne, PE - Project Manager and Engineer of Record Anna Galbraith, EI - Trail Designer & Drainage Engineer Bill Eggers, CEP, CWB, PWS - Environmental Scientist Eric Cain, PSM - SUE Surveyor



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

Project Name & Location		Project Owners Name & Address	
Florida's Turnpike Osceola County Widening - Osceola County, FL		Florida's Turnpike Enterprise 263 Florida's Turnpike Orlando, FL 32835	
Project Manager: Bill Terwilleger, PE Completion Date (Actual or Estimated			
Estimated Cost (In Thousands)		Project Owner's Contact Person, Title,	
Entire Project	Work for which firm was/is responsible		
\$ Unknown	\$ 509,737	bterwilleger@moffattnichol.com 321-249-1206	

Scope of Entire Project (Please give quantitative indications wherever possible)

The project includes widening the Turnpike mainline from four lanes to eight lanes for a distance of approximately seven miles. METRO assisted with the roadway and drainage reconstruction design for five cross-streets. Some cross-streets include widening and the addition of multimodal components such as sidewalks, shared use paths, and bicycle lanes. Our firm is also responsible for the public involvement and landscape architecture for the project.

Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)

METRO was responsible for assisting with roadway and drainage engineering for 5 cross streets, public involvement, and landscape architecture.

Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project

Dwayne Darbonne, PE - Roadway Engineer Anna Galbraith, EI - Roadway Engineer & Public Involvement Support



ATTACHMENT 8

SIMILAR PROJECTS FORM

Work by firm members which best illustrate current qualifications relevant to the County's project that have been/is being accomplished by personnel that shall be assigned to the County's project. List no less than three (3) but no more than ten (10) projects.

Project Name & Location		Project Owners Name & Address
I-75 and County Road 514 - Right of W Coleman, Sumter County, Florida	ay Control Survey	Florida Department of Transportation 719 South Woodland Blvd., MS 559 DeLand, Florida 32720
Project Manager: Hal Peters, PSM		
Completion Date (Actual or Estimated	1)	
Estimated Cost (In Thousands)		Project Owner's Contact Person, Title,
Entire Project	Work for which firm was/is responsible	Email, & Telephone Number John F. Cheney, PLS District Surveyor & Mapper
\$ 1,972,054	\$ 183,074	Phone: (386)943-5116 john.cheney@dot.state.fl.u
Scope of Entire Project (Please give of	nantitativa indications where	ver possible)

Scope of Entire Project (Please give quantitative indications wherever possible)

PD&E for a proposed interstate interchange, with existing County Road 514 crossing of I-75. Scope included Right of Way Control Survey to support preliminary design.

Nature of Firm's Responsibility in Project (Please give quantitative indications wherever possible)

GPI provided a Right of Way Control Survey for the interchange, including running 4 GLO Sections, retracing approximately 2 miles of I-75 centerline and right of way, and 1.5 miles of County Road 514 centerline and alignment.

Firm's Personnel (Name/Project Assignment) That Worked on the Stated Project that Shall Be Assigned to the County's Project

Matt LaLuzeme, PSM - Project Director Hal Peters PSM - Project Manager, signing surveyor Mike Eelman, SIT - Survey Technician

TAB D





STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION TRUTH IN NEGOTIATION CERTIFICATION

375-030-30 PROCUREMENT 05/14

Pursuant to Section 287.055(5)(a), Florida Statutes, for any lump-sum or cost-plus-a-fixed fee professional services contract over the threshold amount provided in Section 287.017, Florida Statutes for CATEGORY FOUR, the Department of Transportation (Department) requires the Consultant to execute this certificate and include it with the submittal of the Technical Proposal, or as prescribed in the contract advertisement.

The Consultant hereby certifies, covenants, and warrants that wage rates and other factual unit costs supporting the compensation for this project's agreement are accurate, complete, and current at the time of contracting.

The Consultant further agrees that the original agreement price and any additions thereto shall be adjusted to exclude any significant sums by which the Department determines the agreement price was increased due to inaccurate, incomplete, or noncurrent wage rates and other factual unit costs. All such agreement adjustments shall be made within (1) year following the end of the contract. For purposes of this certificate, the end of the agreement shall be deemed to be the date of final billing or acceptance of the work by the Department, whichever is later.

METRO Consulting Group, LLC	
Name of Consultant	
By: Joseph D. Darbonne	04/20/2021
,	Date



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

375-030-50 PROCUREMENT OGC = 1/20

Financial Project Number(s)

CONFLICT OF INTEREST/CONFIDENTIALITY CERTIFICATION FOR CONSULTANT/CONTRACTOR/TECHNICAL ADVISORS

I certify that I have no present conflict of interest, that I have no knowledge of any conflict of interest that my firm may have, and that I will recuse myself from any capacity of decision making, approval, disapproval, or recommendation on any contract if I have a conflict of interest or a potential conflict of interest.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the Department, and therefore may not accept benefits of any sort under circumstances in which it could be inferred by a reasonable observer that the benefit was intended to influence a pending or future decision of theirs, or to reward a past decision. Consultants performing work for the Department should avoid any conduct (whether in the context of business, financial, or social relationships) which might undermine the public trust, whether or not that conduct is unethical or lends itself to the appearance of ethical impropriety.

I will maintain the confidentiality of all information not made public by the Florida Department of Transportation ("Department") related to the procurement of the above-referenced ("Project") that I gain access to as a result of my involvement with the Project ("Procurement Information includes, but is not limited to, documents prepared by or for the Department related to procurement of the Project. I also understand that Procurement Information includes, but is not limited to, documents submitted to the Department by entities seeking an award of the Project ("Proposers"). I understand that Procurement Information may include documents submitted by Proposers related to letters of response/letters of interest, technical proposals, price proposals, financial proposals, and information shared during exempt meetings. I also understand that Procurement Information may also include documents that evaluate or review documents submitted by Proposers, and information regarding Project cost estimates. I also agree not to discuss the Project with anyone who is a member of or acting on behalf of a Proposer.

Unless so ordered by a court of competent jurisdiction or an opinion of the Office of the Florida Attorney General, I will not divulge any Procurement Information except to individuals who have executed a Conflict of Interest/Confidentiality Certification which has been approved by the Department ("Project Personnel"). I understand that a list of Project Personnel will be maintained by Department. If I am contacted by any member of the public or the media with a request for Procurement Information, I will promptly forward such request to the Department's Procurement Office. I will also maintain security and control over all documents containing Procurement Information which are in my custody.

I agree not to solicit or accept gratuities, unwarranted privileges or exemptions, favors, or anything of value from any firm under consideration for an agreement associated with the Project, and I recognize that doing so may be contrary to statutes, ordinances, and rules governing or applicable to the Department or may otherwise be a violation of the law.

I agree not to engage in bid tampering, pursuant to Section 838.22, Florida Statutes.

Description

Advertisement No /

I realize that violation of the above mentioned standards could result in the termination of my work for the Department. I further realize that violation of the above mentioned statute would be punishable in accordance with Section 838.22, Florida Statutes...

Solicitation No	Professional Engineering and Design Services for Villa City Road	9/
RFQ 21-0525	Safety Design	447609-1-38-01
	-	
Each un	dersigned individual agrees to the terms of this Conflict of Interest/Confident	tiality Certification.
Printed Names	Signatures	Date
Joseph D. Darbonne	Beek Dowlanne	04/21/2021
		-
		4 A.



DRUG-FREE WORKPLACE PROGRAM CERTIFICATION

In order to have a drug- free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
- (4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 5 days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community by, any employee who is so convicted.
 - (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

Does the individual responding to this solicitation certify that their firm has implemented a drug-free workplace program?

X YES		
□NO		
NAME OF BUSINESS:	METRO Consulting Group, LLC	



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

375-030-32 PROCUREMENT

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSIONLOWER TIER COVERED TRANSACTIONS FOR FEDERAL AID CONTRACTS (Compliance with 2 CFR Parts 180 and 1200)

It is certified that neither the below identified firm nor its principals are presently suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

Name of Consultant: METRO Consulting Group, LLC

By: Joseph Dwayne Darbonne

Date: 4/20/2021

Title: Managing Member

Instructions for Certification

Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

- a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.
- b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
- c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
- d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).
- e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
- f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.
- g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (https://www.epls.gov/), which is compiled by the General Services Administration.
- h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

375-030-33 PROCUREMENT

CERTIFICATION FOR DISCLOSURE OF LOBBYING ACTIVITIES ON FEDERAL-AID CONTRACTS (Compliance with 49CFR, Section 20.100 (b))

The prospective participant certifies, by signing this certification, that to the best of his or her knowledge and belief:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities", in accordance with its instructions. (Standard Form-LLL can be obtained from the Florida Department of Transportation's Professional Services Administrator or Procurement Office.)

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The prospective participant also agrees by submitting his or her proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such subrecipients shall certify and disclose accordingly.

Name of Consultant: METRO Consultin	g Group, LLC
By: Joseph D. Darbonne	Date: 4/21/2021
Authorized Signature: Joseph	- Darbonne
Title: Managing Member	



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISCLOSURE OF LOBBYING ACTIVITIES

375-030-34 PROCUREMENT 02/16

Is this form applicable to your firm?
YES □ NO ☒
If no, then please complete section 4 below for "Prime"

a. contract	a. bid/offer/appl		a. initial filing	
b. grant	b. initial award		b. material ch	ange
c. cooperative agreement	c. post-award		For Material CI	
d. loan	·		Year:	Quarter:
e. loan guarantee				eport:
f. loan insurance			(mm/dd/yyyy)	
4. Name and Address of Reporting Prime Subaward METRO Consulting Group, LLC 341 North Maitland Avenue, Suite 23	dee if known:	5. If Reporting Ent Address of Prime:	tity in No. 4 is a Sul	bawardee, Enter Name and
Maitland, FL 32751				
Congressional District, if known: 4c		Congressional Dis		
6. Federal Department/Agency:		7. Federal Progra	am Name/Descript	ion:
8. Federal Action Number, if know	/n:	9. Award Amoun	t, if known:	
		\$		
10. a. Name and Address of Lobb (if individual, last name, firs		different from No (last name, first	o. 10a) name, MI):	s (including address if
Information requested through this form U.S.C. section 1352. This disclosure of material representation of fact upon who by the tier above when this transaction into. This disclosure is required pursua	lobbying activities is a ich reliance was placed was made or entered nt to 31 U.S.C. 1352.			Darbourse
This information will be available for purperson who fails to file the required disc to a civil penalty of not less than \$10,00	closure shall be subject	Title: Managing M	lember	
\$100,000 for each such failure.		Telephone No.: 40	07-960-3973 Dat	e (mm/dd/yyyy): 04/21/2021
Federal Use Only:	4			Authorized for Local Reproduction Standard Form LLL (Rev. 7-97)



ATTACHMENT 10

PUBLIC ENTITY CRIMES FORM

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Lake County Office of Procurement Services (print name of public entity)	
By Joseph Dwayne Darbonne, Managing Member Joseph Darbonne & Joseph Darbonne	112/2
for METRO Consulting Group, LLC (print name of entity submitting sworn statement)	
whose business address is _341 North Maitland Avenue, Suite 220, Maitland, FL 32751	
and (if applicable) its Federal Employer Identification Number (FEIN) is 30-0653248	
(if the entity has not FEIN, include the Social Security Number of the individual signing this	
sworn statement:	
2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, me violation of any state or federal law by a person with respect to and directly related to the transaction of bus with any business with any public entity or with an agency or political subdivision of any other state or of United States, including, but not limited to, any bid or contract for goods or services to be provided to any p	iness of the

entity or an agency or political subdivision of any other state or of the United States and Involving antitrust, fraud,

theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

State of Florida	
County of Of Wy	Sworn to (or affirmed) and subscribed before me by means of
	hysical Presence,
	— OR —
	this 12 day of May , 2021, b
	Name of Person Swearing or Affirming Signature of Notary Public — State of Florida
MELANIE M BALLARD Notary Public - State of Florida Commission # GG 918313 My Comm. Expires Nov 6, 2023	Name of Notary Typed, Printed or Stamped
	Type of Identification Produced
Place Notary Seal Stamp Above	27
	— OPTIONAL —
	tion can deter alteration of the document or nt of this form to an unintended document.
Description of Attached Document Title or Type of Document:	ment 10 Public Entity
Document Date: 2122	Number of Pages:



PROFESSIONAL SERVICES COMMITMENT FORM

375-030-83 PROCUREMENT 02/20

Submit this form as required in the Request for Proposal or alternatively, at the time of Expanded Letter of Response is due:

Contract/Advertisement No.:	21-0525	Prime Consultant:	METRO Consulting Group, LLC					
Project Description:	Professional Engineering and Design Services for Villa City Road Safety [

Expected percentage of contract fees to be utilized by DBE(s): 12 %. (Combine DBE Prime and DBE subconsultants, if applicable).

Expected percentage of contract fees to be utilized by Non-DBE Small Businesses <u>68</u> %. (Combine Non-DBE Small Business Prime and Non-DBE Small Business subconsultants, if applicable).

The proposed Prime and subconsultants/subvendors' work is as follows:

Prime	Type of Work (List each type of work separately, only one type of work per line)	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business	
METRO Consulting Group, LLC	3.1	40				
merito concatang croap, eec	7.1	28				
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					

Subconsultant/Subvendor	Type of Work (List each type of work separately, only one type of work per line)	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business	
AWK Consulting Engineers, Inc.	9.1	2	\times			
AWK Consulting Engineers, Inc.	9.2	2	\times			
ECHO UES, Inc.	8.2	7	X	\boxtimes		
EXP U.S. Services, Inc.	7.2	4			\boxtimes	
GPI Geospatial, Inc.	8.1	14			\boxtimes	
GPI Geospatial, Inc.	8.4	2			\boxtimes	
Quigg Engineering, Inc.	4.1.1	1	\times			
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					



PROFESSIONAL SERVICES COMMITMENT FORM

375-030-83 PROCUREMENT 02/20

Subconsultant/Subvendor	Type of Work (List each type of work separately, only one type of work per line)	% of overall contract amount	DBE	Small Business	Non DBE/ Non Small Business	
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					
	Choose an item.					

Total percent for Prime and Subs committed: (Note to Consultants: should be 100% when submitted to FDOT)	100
Total percent for Prime and Subs remaining to be committed: (Note to Consultants: should be 0% when submitted to FDOT)	0

The percentage column must total 100% for Prime and all subs.

Please note, the number one ranked firm is required to enter DBE Participation in the Equal Opportunity Compliance (EOC) System subsequent to contract award and any future contract amendments or task work orders (if applicable).

DBE status for all firms can be verified by using the DBE Directory: https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx

Small Business status for Non-Professional Services firms can be found here: https://fdotewp1.dot.state.fl.us/sasweb/cgi-bin/broker.exe? service=default& program=inetproq.db2.sbusfrm.scl

Small Business status for Professional Services firms is located here: https://www.fdot.gov/procurement/InternetReports.shtm#qual

By: Joseph Dwayne Darbonne Title: Managing Member Date: 4/26/2021



Ą	CORD C	ERI	ΤΙF	ICATE OF LIAI	BILI'	TY INSU	JRANC	E [MM/DD/YYY) /13/2021
CI	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.									
IM If	PORTANT: If the certificate holder is a SUBROGATION IS WAIVED, subject to is certificate does not confer rights to	an ADI	DITIO	ONAL INSURED, the police and conditions of the po	licy, ce	rtain policies				
PRO	DUCER Ridge Insurance				CONTAI NAME: PHONE (AIC, No	Karen Brir		FAX (A/C, No):	(239) 2	88-7544
497	1 Royal Gulf Circle				ADORE:	sa: kbrinkley(gironridgeinsu			NAIC#
Fort	Myers RED			FL 33966	INSURE	RA: Sentinel	Insurance Con	npany		11000 29459
	Metro Consulting Group, LLC 341 N Maitland Ave				INSURE	RC: AMGUA	RD Insurance (Company		42390
	Sulte 220				INSURE INSURE					
COV	Mailtand /ERAGES CER	TIEICA	TE!	FL 32751 NUMBER: CL2011120552	INSURE	RF:		REVISION NUMBER:		
	HIS IS TO CERTIFY THAT THE POLICIES OF I		_			TO THE INSUR			HOD	
CE	DICATED. NOTWITHSTANDING ANY REQUI ERTIFICATE MAY BE ISSUED OR MAY PERTA (CLUSIONS AND CONDITIONS OF SUCH PO	NN, TH	EINS	SURANCE AFFORDED BY THE	POLICE	ES DESCRIBE	HEREIN IS S			
INSR LTR	TYPE OF INSURANCE	ADUL S	UBR	POLICY NUMBER		POLICY EFF	POLICY EXP	LIMIT	8	
	COMMERCIAL GENERAL LIABILITY							EACH OCCURRENCE	\$ 1,00	0,000
	CLAIMSHIADE X OCCUR							PREMISES (Ea occurrence)	4	0,000
				A. A. B. B. WASS				MED EXP (Any one person)	\$ 10,0	
Α				21 SBA BY9663		11/07/2020	11/07/2021	PERSONAL & ADV INJURY	\$ 1,00	
	POLICY X PRO-							GENERAL AGGREGATE	\$ 2,00	0.000
								PRODUCTS - COMPIOP AGG	\$ 2,00	0,000
-	AUTOMOBILE LIABILITY	\vdash	-					COMBINED SINGLE LIMIT (Ea accident)	\$ 1,00	0.000
	ANY AUTO							BOOILY INJURY (Per person)	\$	-,
Α	OWNED SCHEDULED			21 SBA BY9663		11/07/2020	11/07/2021	BODILY INJURY (Per accident)	5	
	AUTOS ONLY HIRED AUTOS ONLY AUTOS ONLY			V-1-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-		05/04/50/04/50/50		PROPERTY DAMAGE (Per accident)	\$	
	ADIOS OREY							ine account	\$	
	UMBRELLA LIAB OCCUR	\Box						EACH OCCURRENCE	5	
	EXCESS LIAB CLAIMS-MADE							AGGREGATE	\$	
	DED RETENTION \$								5	
	WORKERS COMPENSATION AND EMPLOYERS LIABILITY							X PER STATUTE ER		
В	ANY PROPRIETOR PARTNER/EXECUTIVE N	N/A	N/A 21 WEC AS2896			11/07/2020	11/07/2021	EL EACH ACCIDENT	\$ 1,00	
-	(Mandatory In NH)	21 1120 2000			1000000			EL DISEASE - EA EMPLOYEE	\$ 1,00	
	if yes, describe under DESCRIPTION OF OPERATIONS below	\sqcup						EL DISEASE - POLICY LIMIT	\$ 1,00	
С	Professional Liability			MEPL155610		11/07/2020	11/07/2021	Per Claim Aggregate		00,000
							18 (8) (8) (17) (8)			
DESC	RIPTION OF OPERATIONS / LOCATIONS / VEHICLE	8 (ACC	ORD 1	01, Additional Remarks Schedule,	may be a	ttached if more sp	sace is required)			
Prof	essional Liability is written on a claims-made	e basis								
CER	RTIFICATE HOLDER				CANC	ELLATION				
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.									
				2	AUTHO	RIZED REPRESEN	TATIVE			
								in Shehr		
	1			-		-	0 1988-2015	ACORD CORPORATION.	All rig	hts reserved

RSQ21-0525 Professional Engineering and Design Services for Villa City Road Safety Design

The ACORD name and logo are registered marks of ACORD

ACORD 25 (2016/03)



METRO Consulting Group, LLC and the METRO Team provided herein have <u>no exceptions</u> to the RSQ.