

## IDIQ CONTRACT FOR PROFESSIONAL BOUNDARY SURVEYING SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 08 AND 58

Contract No. 4400031923

April 23, 2025

# SECTION 01-16

H.004113

LA 3241: LA 435 to LA 40/41

(I-12 to Bush)

St. Tammany Parish

Surveyor of Record: Matthew J. Ledet, PLS

**DOTD FORM: 24-102**


(Revised December 12, 2024)

**PROPOSAL TO PROVIDE CONSULTANT SERVICES**

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

Prime consultant should enter the firm name in the footer at the bottom of this page. (It will carry over to subsequent pages.)

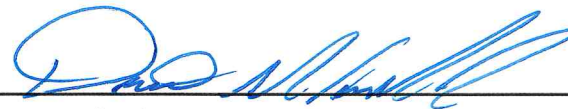
1. Contract title as shown in the advertisement	<b>IDIQ CONTRACT FOR PROFESSIONAL BOUNDARY SURVEYING SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 08 AND 58</b>
2. Contract number(s) as shown in the advertisement	4400031923
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Crescent Engineering & Mapping, LLC 
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	Engineering: EF-0007140   Surveying: VF-0000871
6. Prime consultant mailing address	PO Box 370, Vacherie, LA 70090
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	1815 LA 18, Vacherie, LA 70090
8. Name, title, phone number, and email address of prime consultant's contract point of contact	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742   Dennis.Hymel@crescentengla.com
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Dennis M. Hymel, Jr., PE, President/Manager 225.329.1742   Dennis.Hymel@crescentengla.com

10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct: In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.

Pursuant to Act No. 581 of the 2024 Louisiana Legislature Regular Session, proposer further certifies that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. In addition, proposer certifies it will not discriminate against a firearm entity or firearm trade association during the term of the contract based solely on the entity's or association's status as a firearm entity or firearm trade association.

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Signature above shall be the same person listed in Section 9:



Date: 04/23/2025

Firm(s):

Firm(s)' %:

## 12. Discipline Table:

**Sub-consultants are not allowed to be used for this proposal.** Fill in the table by identifying only those disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102\*, and the percentage of work in each discipline to be performed. The percentage estimated for each discipline is for evaluation purposes only and will not control the actual performance or payment of the work.


Discipline(s)	% of Overall Contract
Survey	100%

### 13. Firm Size:

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (must specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

[http://wwwsp.dotd.la.gov/Inside\\_LaDOTD/Divisions/Engineering/CCS/Job\\_Qualification/Job%20Classifications%20with%20Descriptions.pdf](http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.pdf)

Firm name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in this DOTD Job Classification (if needed)
	Supervisor - Eng	0	2
	Engineer	0	4
	Engineer Intern	0	1
	Surveyor	1	1
	Senior Technician	1	2
	Party Chief	2	2
	Instrument Man	1	1
	Clerical	1	1

## 14. Organizational Chart:

### LEGEND

▲ ATSSA Certified



### PRINCIPAL

Dennis M. Hymel, Jr., PE▲

### PROJECT MANAGER

Matthew J. Ledet, PLS▲

### PARTY CHIEFS

Dakotah "Kody" Holley▲  
Joseph Maurin▲

### SURVEY TECHNICIAN

Kelly G. Jones

## 15. Minimum Personnel Requirements:

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No.	Personnel being used to meet the MPR (Individual(s) may not satisfy more than one MPR unless specifically allowed by Attachment B of the advertisement)	Firm employed by	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of license	License / certification expiration date
1	Dennis M. Hymel Jr., PE		LA PE# 38172 - Civil	LA	09/30/2025
	Matthew J. Ledet, PLS		LA Registered Surveyor PLS #5104	LA	09/30/2026
2	Matthew J. Ledet, PLS		LA Registered Surveyor PLS #5104	LA	09/30/2026



## 16. Staff Experience:

Firm employed by: Crescent Engineering & Mapping, LLC

	Dennis M. Hymel, Jr., PE President/Manager			Years of relevant experience with this employer	3
				Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization			Bachelor of Science/2009/Civil Engineering		
Active registration number / state / expiration date			38172/LA/09-30-2025		
Year registered	2013	Discipline	PE/Civil Engineering		
Contract role(s) / brief description of responsibilities			Dennis will serve as the Principal. His experience fulfills <b>MPR #1</b> .		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
05/22 – Ongoing	<b>EN22-0181, Rousseau Rd. Bridge over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Project Manager/Supervising Engineer. Responsible for the coordination and <b>oversight of topographic surveys, R/W Mapping</b> , roadway and bridge design elements including H&V geometrics, channel hydraulics, roadside drainage, bridge design elements including non-standard slab spans and bents to accommodate phased construction, LRFR of replacement bridge and rehabilitated structure, and served as the EOR for the bridge rehabilitation design using steel framed helper bents. Responsible for environmental assistance and subconsultant coordination for the replacement of the existing 4-span bridge with a 7-span concrete, slab span Off System Bridge near Covington, LA.				
03/14-08/21 (previous employer)	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Project Manager/Engineer of Record. Performed field and office QC of topographic surveys, lead the design team as EOR and was responsible for all roadway design elements including hydraulics, roadway H&V geometrics, superelevation, intersection design, R-CUT and J-turn intersections, prepared Level 3 Traffic Management Plan, prepared roadway plans, served as bridge design QC engineer for twin 4-span AASHTO Type III girder bridges over Talisheek Creek, oversaw entire plan production for 5.5-mile, greenfield, new corridor including a four-lane rural roadway from LA 435 to Bush, LA that included <b>R/W mapping with 101 parcels</b> .				
04/23 - Ongoing	<b>Bridges Near Amite, Tangipahoa Parish, LA (Tangipahoa Parish)</b> – Project Manager/Supervising Engineer. Responsible for the <b>coordination and oversight of topographic surveys, R/W Mapping</b> , roadway and bridge design elements including, developed structure alternatives and bridge TS&L, H&V geometry, urban drainage design, performed hydraulics analysis and scour, Inroads modeling, preparation of road and bridge plans for the replacement of five (5) bridge structures in Amite City and Independence, LA.				
10/17 – 12/18 (previous employer)	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish)</b> – Project Manager/Supervising Engineer. Responsible for the <b>coordination and oversight of topographic surveys, R/W Mapping</b> , with roadway and bridge design elements including including the <b>68 parcels</b> for the 1.5-mile road widening project for the Parish.				
05/20 – 08/21 (previous employer)	<b>Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD)</b> – Project Manager/Engineer of Record. Responsible for the coordination and <b>oversight of topographic surveys, R/W Mapping</b> , roadway and bridge design elements including hydraulics analysis, scour, horizontal/vertical alignments, Level 1&2 TMP, bridge design & LRFR (non-standard structures) including LG-25 girders, oversight of geotechnical services and environmental permitting, SOV’s, CE document preparation and permitting the replacement of 47 bridge structures in northern Louisiana containing fifteen (15) state project numbers.				

## 16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



	<b>Matthew J. Ledet, PLS</b> Survey Manager			Years of relevant experience with this employer	3
				Years of relevant experience with other employer(s)	17
Degree(s) / Years / Specialization			Bachelor of Science/2008/Manufacturing Engineering Technology Bachelor of Science/2010/Geomatics		
Active registration number / state / expiration date			5104/LA/9-30-2026		
Year registered	2014	Discipline	PLS/Surveying		
Contract role(s) / brief description of responsibilities			Survey Lead/Surveyor of Record. Matt’s experience fulfills <b>MPRs #1-2</b> .		
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).				
04/14 – 12/18 (previous employer)	<b>S.P. H.004113, I-12 to Bush: LA 3241 (LA 435 to LA 40/41), St. Tammany Parish, LA (LADOTD)</b> – Lead/Surveyor of Record. Led topographic survey, performed data processing and corrections, coordinated survey field crews for the topographic surveys of 5.5 miles of virgin, wooded, greenfield terrain with a 300’ wide .DTM, including control densification and SUE locates. Prepared all topo survey deliverables. Performed property surveys and created 60% Base and <b>Final R/W maps including 101 parcels</b> for the 5.5-mile, four-lane, new corridor roadway from Talisheek to Bush, LA.				
01/24 – Ongoing	<b>FP&amp;C No. 50-J47-22-01, West Shore Connector Levee, St. James Parish, LA (St. James Parish Government)</b> – Lead/Surveyor of record. Led topographic and boundary survey efforts for a new connector levee approximately 2.7 miles long in the Lutchter/Grand Point area. The property base map covers <b>86 parcels</b> . Survey and mapping efforts are still ongoing and adhere to USACE standards. Right-of-Way maps to be completed in 2025.				
10/17 – 12/18 (previous employer)	<b>MA-17-01, Roddy Road Widening (LA 935 to LA 621), Ascension Parish, LA (Ascension Parish)</b> – Lead/Surveyor of Record. Led the topographic survey effort of the existing roadway, bridge, utilities and drainage systems as well as performed title take offs, property surveys, and prepared 60% Base and <b>Final Right-of-Way Maps including 68 parcels</b> for the 1.5-mile road widening project.				
05/20 – 12/21 (previous employer)	<b>Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08, 58 (LADOTD)</b> – Lead/Surveyor of Record. Led survey effort including GPS control establishment, topographic surveys, data processing, deliverable preparation, <b>property surveys and Right-of-Way Mapping for the replacement of 47 bridge structures</b> in northern Louisiana containing nine (9) Off-System Bridges.				
10/23 – Ongoing	<b>S.P. H.015334 9th St. Over St. Louis Canal, Terrebonne Parish, LA (LADOTD)</b> – Lead/Surveyor of Record. Led topographic survey, performed data processing and corrections, title take offs, established RW and property lines, coordinated survey field crews for the survey of the existing bridge. <b>Created property surveys and 60% Base maps</b> . Final Right-of-Way maps to be completed.				
08/22 – Ongoing	<b>S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government)</b> – Lead/Surveyor of Record. Led urban topographic and boundary survey effort including survey along LA 44 and Lowes Ave in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field reconnaissance, field packs, title research and monument recovery, processed data and prepared <b>LADOTD topo and Property Survey deliverables</b> . Right-of-Way maps to be completed.				

## 16. Staff Experience:

04/16 – 08/21 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD)</b> – Lead/Surveyor of Record. Led topographic survey effort for the 2.7-mile rural safety widening project including control establishment, topographic surveys, and property surveys. Performed field reconnaissance, prepared survey field crew packs, processed data and prepared deliverables. <b>Prepared Title Take Offs, base and Final Right-of-Way Maps including 9 parcels.</b>
06/14 – 07/15 (previous employer)	<b>S.P. No. H.011289, LA 70 Bypass (Detour Route), LA 70 Assumption Parish, LA (LADOTD)</b> – Lead surveyor/Project Manager. Responsible for Property Surveys, location of property markers for properties crossed along proposed route and creation of <b>Base Right-of-Way Maps for the proposed route.</b>
04/23 – 08/23	<b>Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish)</b> – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, data processing, existing drainage maps, GPS control establishment and digital leveling, prepared LADOTD topo survey deliverables using Microstation, Inroads and Cad Conform for the replacement of five (5) bridge structures within Amite City and Independence, LA. Also responsible for the creation and development of <b>property maps and 60% Base Right-of-Way Maps for all 5 sites.</b>
08/22 – 12/21 (previous employer)	<b>MA-20-01, Move Ascension, Bluff Rd, LA 73 Connector, Ascension Parish, LA (Ascension Parish)</b> – Lead/Surveyor of Record. Responsible for Topographic and Property Surveys, approximately 7000' connecting Bluff Rd. and LA 73. Location of property markers for properties crossed along proposed route and creation of <b>Base Right-of-Way Maps and Final Maps for the proposed route.</b>
07/22 – 08/24	<b>EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Lead Surveyor/Surveyor of Record. Responsible for topographic survey, crew coordination, data processing, deliverable preparation, <b>title take offs, property surveys and base and final Right-of-Way maps</b> associated with the roadway re-alignment and Off-System bridge replacement along Rousseau Rd. in Covington, LA.
06/14 – 07/15 (previous employer)	<b>S.P. No. H.011289, LA 70 Bypass (Detour Route), LA 70 Assumption Parish, LA (LADOTD)</b> – Project surveyor/Project Manager. Responsible for Property Surveys, location of property markers for properties crossed along proposed route and creation of <b>Base Right-of-Way Maps for the proposed route.</b>
11/13 – 05/14 (previous employer)	<b>S.P. No. H.010557, Lajaunie Road/Lateral 1 Bridge over Bayou St. Clair, Lafayette Parish, LA (LADOTD)</b> – Lead/Surveyor of Record. Responsible for topographic surveys, crew coordination, oversight of data processing, LiDAR processing, existing drainage maps, deliverable preparation, <b>title take off, property surveys, prepared base, and final Right-of-Way maps</b> for the Off-System Bridge replacement project.
02/18 – 12/18 (previous employer)	<b>ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government)</b> – Lead Surveyor. Responsible for topographic surveys, crew coordination, oversight of data processing, deliverable preparation, title take off, title research reports, property surveys, <b>prepared base Right-of-Way maps including 12 parcels for the 6.8-mile roadway extension</b> project including several Off and On-System Bridges.
02/11 – 01/13 (previous employer)	<b>S.P. No. 713-29-0103, Tiger Drive Bridge over Bayou Lafourche, Lafourche Parish, LA (LADOTD)</b> – Survey Support. Performed field topographic and property surveys, prepared topographic survey deliverables, prepared base, and final Right-of-Way maps for the urban, 3-lane Off-System Bridge replacement project in Thibodaux, LA.
09/04 – 06/07 (previous employer)	<b>S.P. No. 742-55-0102, Country Drive Widening, Terrebonne Parish, LA (LADOTD)</b> – Survey Support. Assisted with setting <b>107 parcels on base and final Right-of-Way maps; performing topographic survey; boundary survey for 2.7 miles</b> roadway widening project.
01/19 – 12/21 (previous employer)	<b>Harrison Improvements US190 – LA59, Covington, LA (St. Tammany Parish Government)</b> – Project surveyor/Project Manager. Responsible for Topographic and <b>Property Surveys, along approximately 13,000' of Harrison Ave</b> for improvements and widening including a roundabout at intersections on Marigold Dr. and Falconer Dr. Location of property markers for properties crossed along proposed route and creation of <b>Base Right-of-Way Maps.</b>

## 16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**



	Kelly G. Jones Senior Technician		Years of relevant experience with this employer	2
			Years of relevant experience with other employer(s)	3
Degree(s) / Years / Specialization			Bachelor of Arts/2012/Mathematics & English	
Active registration number / state / expiration date			N/A	
Year registered	N/A	Discipline	N/A	
Contract role(s) / brief description of responsibilities			Survey Technician - Kelly will assist with data processing and development of property surveys and Right-of-Way maps.	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).			
06/20 – 05/22 (previous employer)	Contract 44-17598 – Rural Bridge Replacement Initiative Phase I (47 bridge structures), Districts 04, 05, 08 & 58, (LADOTD) – Survey Technician. Processed survey data and prepared survey deliverables for the replacement of forty (47) bridge structures in northern Louisiana. Also assisted with Title Take Offs and the creation and development of <b>property surveys and Right-of-Way maps.</b>			
07/21 – 05/22 (previous employer)	Contract 44-19336 – Rural Bridge Replacement Initiative Phase II (40 bridge structures), Districts 04 & 05, (LADOTD) – Survey Technician. Processed survey data and prepared survey deliverables for the replacement of forty (40) bridge structures in northern Louisiana. Also assisted with Title Take Offs and the creation and development of <b>property surveys and Right-of-Way maps.</b>			
01/24 – Ongoing	FP&C No. 50-J47-22-01, West Shore Connector Levee, St. James Parish, LA (St. James Parish Government) – Survey Technician. Processed topographic and boundary survey data for a new connector levee approximately 2.7 miles long in the Lutchter/Grand Point area. The <b>property base map covers 86 parcels</b> . Also helped construct Title take offs for all parcels. Survey and mapping efforts are still ongoing and adhere to USACE standards.			
08/22 – Ongoing	S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) - Survey Technician. Processed survey data and prepared survey deliverables for topographic and boundary survey efforts, including survey along LA 44 and Lowes Ave in Gonzales for the design of a multi-lane roundabout, performed GPS control establishment and digital levels, field packs, <b>title research and monument recovery, processed data and prepared LADOTD topo and Property Survey deliverables.</b>			
07/22 – 08/24	EN22-0181, Rousseau Rd. over Tchefuncte River, St. Tammany Parish, LA (St. Tammany Parish Government) – Survey Technician. Responsible for data processing, GPS control reports and sketches, prepared LADOTD topographic survey deliverables using Microstation, Inroads and Cad Conform for the replacement and re-alignment of the bridge. Also responsible <b>title research, and for the creation and development of property maps and 60% and Final Right-of-Way Maps.</b>			
04/23 – 08/23	Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish) – Survey Technician. Responsible for data processing, GPS control reports and sketches, prepared LADOTD topographic survey deliverables using Microstation, Inroads and Cad Conform for the replacement of five (5) bridge structures within Amite City and Independence, LA. Also responsible title research, and for the creation and development of <b>property maps and 60% Base Right-of-Way Maps for all 5 sites.</b>			

## 16. Staff Experience:

10/23 – Ongoing	<b>S.P. H.015334 9 St. Over St. Louis Canal, Terrebonne Parish, LA (LADOTD)</b> – Survey Technician. Responsible for data processing, GPS control reports and sketches, prepared LADOTD topo survey deliverables using Microstation, Inroads and Cad Conform for the replacement and re-alignment of the bridge.. Also responsible title research, and for the creation and development of <b>property maps and 60% Right-of-Way maps</b> . Awaiting Final Check Maps.
07/24 – 09/24	<b>Brownswitch Rd. Bridge Replacement, St. Tammany Parish (St. Tammany Parish Government)</b> - Survey Technician. Responsible for data processing, GPS control reports and sketches, prepared LADOTD topographic survey deliverables using Microstation, Inroads and Cad Conform. Also responsible title research, and for the creation and development of <b>property maps including 6 parcels</b> for the Off-System Bridge replacement and detour project near Slidell, LA.
05/20 – 08/21 (previous employer)	<b>S.P. H.013116, LA 20 Widening (LA 307 to S. Vacherie), St. James &amp; Lafourche Parishes (LADOTD)</b> – Surveyor Technician. Processed topographic survey effort for the 2.7-mile rural safety widening project including control establishment, topographic surveys, and property surveys. Performed field reconnaissance, prepared survey field crew packs, and prepared deliverables. <b>Prepared base and Final Right-of-Way maps including 9 parcels.</b>
01/19 – 05/22 (previous employer)	<b>ENG-17-013, LA 3127 Extension (LA 70 to LA 1), Ascension Parish, LA (Ascension Parish Government)</b> – Survey Technician. Processed data using Microstation/Inroads and DOTD coding for topographic surveys and SUE deliverables, <b>title take offs</b> , processing, analyzing and calculating property surveys, assisted with <b>preparation of base Right-of-Way including 12 parcels</b> for the 6.8-mile roadway extension project.
05/19 – 05/22 (previous employer)	<b>Harrison Improvements, St. Tammany Parish, LA (St. Tammany Parish Government)</b> – Survey Technician. Data processing using Microstation/Inroads and DOTD coding for topographic surveys and SUE deliverables, title take offs, processing, analyzing and calculating property surveys, assisted with the preparation of right-of-way maps including 100 parcels for the 2.5 mile road widening project.
9/19 – 2/21 (previous employer)	<b>Entergy - Waterford to Winchester</b> - Survey Technician. <b>Review of title reports</b> , creation of individual servitude maps for parcels crossed, analyzing and calculating acreages, assisted with <b>preparation of parcel descriptions</b> for the <b>15 mile</b> electrical transmission line.
01/19 – 2/22 (previous employer)	<b>MA-20-01, Move Ascension, Bluff Rd, LA 73 Connector, Ascension Parish, LA (Ascension Parish)</b> - Survey Technician. Responsible for processing Topographic and Property survey data, approximately 7000' connecting Bluff Rd. and LA 73. Location of property markers for properties crossed along proposed route and creation of <b>Base Right-of-Way maps and Final Maps</b> for the proposed route.
08/19 – 11/19 (previous employer)	<b>S.P. No. H.006457, Parker Road and PR 929 Roundabout, Ascension Parish, LA (Ascension Parish Government/LADOTD)</b> – Survey Technician. Data processing using Microstation/Inroads and DOTD coding for topographic surveys and SUE deliverables, title take offs, processing, analyzing and calculating property surveys, assisted with the <b>preparation of Right-of-Way maps.</b>
10/21 – 2/22 (previous employer)	<b>Country Estates Dr./St. Louis Bayou</b> – Survey Technician. Responsible for data processing, GPS control reports and sketches, prepared LADOTD topo survey deliverables using Microstation, Inroads and Cad Conform for the replacement and re-alignment of the bridge. Also responsible title research and for the creation and <b>development of property maps, 60% Right-of-Way Maps</b> , and Final Maps.



## 16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

 <div>Dakotah “Kody” Holley Survey Party Chief</div> 	Years of relevant experience with this employer		2
	Years of relevant experience with other employer(s)		4
Degree(s) / Years / Specialization			High School Diploma/2017
Active registration number / state / expiration date			N/A
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities			Survey Party Chief
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/22 – Ongoing	S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) – Party Chief. Performed GPS topographic and boundary surveys of the existing road, drainage features, and property corners for use in design, drainage maps, and <a href="#">Property Survey maps</a> , using LADOTD codes and procedures.		
01/24 – Ongoing	FP&C No. 50-J47-22-01, West Shore Connector Levee, St. James Parish, LA (St. James Parish Government) – Party Chief. Led topographic and boundary survey field efforts for a new connector levee approximately 2.7 miles long in the Lutchter/Grand Point area. Performing digital level loops, topographic surveys and property surveys for Right of Way maps <a href="#">including 86 parcels</a> . Survey and mapping efforts are still ongoing and adhere to USACE standards. Right of way maps to be completed.		
04/23 – 08/23	Bridges Near Amite and Bridges Near Independence, Tangipahoa Parish, LA (Tangipahoa Parish) – Party Chief. Performed GPS topographic and boundary surveys of the existing road, drainage features, and property corners for use in design, drainage maps, and <a href="#">Property Survey maps</a> , using LADOTD codes and procedures for <a href="#">all 5 sites</a> .		
07/24 – 09/24	Brownswitch Rd. Bridge Replacement, St. Tammany Parish (St. Tammany Parish Government) – Party Chief. Performed GPS static control surveys, digital levels, topographic surveys and <a href="#">property surveys for Right of Way maps including 6 parcels</a> for the Off-System Bridge replacement and detour project near Slidell, LA. Right of way maps to be completed.		
05/24 – 09/24	LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government) – Party Chief. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, <a href="#">survey for property maps</a> for intersection improvements with a 250’ wide .DTM, using LADOTD codes and procedures.		
10/23 – 06/24	S.P. No. H.015334, 9th Street over St. Louis Canal, Terrebonne Parish, LA (LADOTD) – Party Chief. Performed GPS static control establishment, digital levels, <a href="#">property surveys</a> and field topographic surveys of the existing bridge site, roadway, utilities and other features associated with the Off-System Bridge replacement in Houma, LA as a part of the District 02 IIJA Program.		

## 16. Staff Experience:

Firm employed by: **Crescent Engineering & Mapping, LLC**

 <div>Joseph C. Maurin Survey Party Chief</div>		Years of relevant experience with this employer	<1
		Years of relevant experience with other employer(s)	5.5
Degree(s) / Years / Specialization		High School Diploma/2017	
Active registration number / state / expiration date		N/A	
Year registered	N/A	Discipline	N/A
Contract role(s) / brief description of responsibilities		Survey Party Chief	
Experience dates (mm/yy–mm/yy)	Experience and qualifications relevant to the proposed contract; i.e., “designed drainage”, “designed girders”, “designed intersection”, etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
05/24 – Ongoing	S.P. H.015101, Lowes Ave at LA 44 Roundabout, Ascension Parish, LA (Ascension Parish Government) – Party Chief. Performed GPS topographic and boundary surveys of the existing road, drainage features, and property corners for use in design, drainage maps, and <b>Property Survey maps</b> , using LADOTD codes and procedures.		
05/24 – Ongoing	FP&C No. 50-J47-22-01, West Shore Connector Levee, St. James Parish, LA (St. James Parish Government) – Party Chief. Led topographic and boundary survey field efforts for a new connector levee approximately 2.7 miles long in the Lutchter/Grand Point area. Performing digital level loops, topographic surveys and property surveys for Right of Way maps <b>including 86 parcels</b> . Survey and mapping efforts are still ongoing and adhere to USACE standards. Right of way maps to be completed.		
07/24 – 09/24	Brownswitch Rd. Bridge Replacement, St. Tammany Parish (St. Tammany Parish Government) – Party Chief. Performed GPS static control surveys, digital levels, topographic surveys and <b>property surveys for Right of Way maps including 6 parcels</b> for the Off-System Bridge replacement and detour project near Slidell, LA. Right of way maps to be completed.		
05/24 – 09/24	LA 1256 at Carlyss Dr., Calcasieu Parish, LA (Calcasieu Parish Government) – Party Chief. Performed GPS static control establishment, digital levels, field topographic surveys of the existing roadway, utilities, SUE locates, drainage and other features, <b>survey for property maps</b> for intersection improvements with a 250’ wide .DTM, using LADOTD codes and procedures.		
05/24 – 06/24	S.P. No. H.015334, 9th Street over St. Louis Canal, Terrebonne Parish, LA (LADOTD) – Party Chief. Performed GPS static control establishment, digital levels, <b>property surveys</b> and field topographic surveys of the existing bridge site, roadway, utilities and other features associated with the Off-System Bridge replacement in Houma, LA as a part of the District 02 IIJA Program.		
11/24 – Ongoing	S.P. No. H.005184, I-69 Frontage Road (Stonewall Frierson to Ellerbe Road), Caddo and Desoto Parish, LA (LADOTD) – Party Chief. Driving deep rod monuments, performed GPS static control establishment, digital levels, and field topographic surveys of the existing roadway, interstate, utilities and drainage features for use by the designer for determining roadway improvements. Portion of work covers approximately 3.8 miles along Stonewall Frierson and 0.8 miles of I-49.		

# SECTION 17

FP&C 50-J47-22-01

West Shore Connector Levee

Site of New Protection Levee in St. James Parish

86 Parcels on R/W Maps

Surveyor of Record: Matthew J. Ledet, PLS

## 17. Firm Experience:

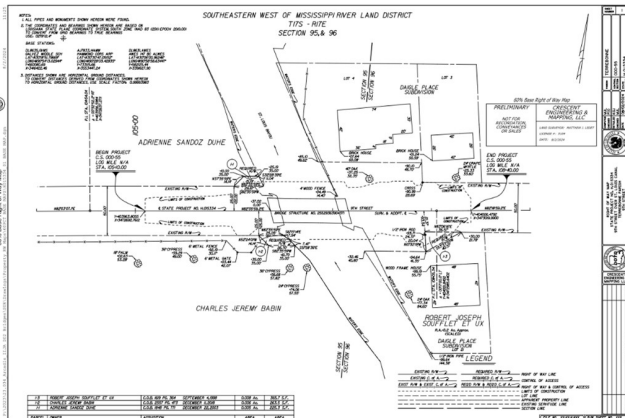
Firm name	Crescent Engineering & Mapping, LLC			Discipline(s)*	Survey
9th Street over St. Louis Canal				Firm responsibility (prime or sub?)	Sub
Project number	H.015334	Owner's name	Louisiana Department of Transportation and Development (LADOTD)		
Project location	Terrebonne Parish, LA		Owner's Project Manager	Kurt Brauner, P.E.	
Owner's address, phone, email	1201 Capitol Access Rd., Baton Rouge, LA 70802; 225-379-1933; kurt.brauner@la.gov				
Services commenced by this firm (mm/yy)	10/23	Total consultant contract cost (\$1,000's)			\$200
Services completed by this firm (mm/yy)	Ongoing	Cost of consultant services provided by this firm (\$1,000's)			\$120

The 9th Street over St. Louis Canal bridge replacement project is part of the LADOTD District 02 IJA (BIL) bridge replacement program and involves the replacement of the existing 26' x 60' concrete structure in Houma, LA. The project includes topographic surveys, low speed urban roadway design, bridge design, Right-of-Way mapping, environmental, geotechnical support services and contract management.

Crescent Engineering & Mapping, LLC performed a topographic survey encompassing approximately 1,400 linear feet of roadway with a DTM width extending 25 feet beyond the apparent R/W limits. This survey captured the existing bridge structure, channel, and adjacent roadway sections. Property surveys were completed for **five (5) parcels**, detailing parcel improvements which are reflected in the 60% Base R/W maps. Crescent conducted all Title Take-Offs and coordinated with the Title Research Report services with the subconsultant. Plans are produced in accordance with all LADOTD requirements including Bentley Microstation/Inroads, ProjectWise and certified by CadConform.

Crescent has completed the Topographic Surveys, Preliminary Plans, Property Maps and 60% Base Right-of-Way Maps and is awaiting NEPA clearance to begin Final Plans and Final Right-of-Way Maps.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley, Joseph Maurin



## 17. Firm Experience:

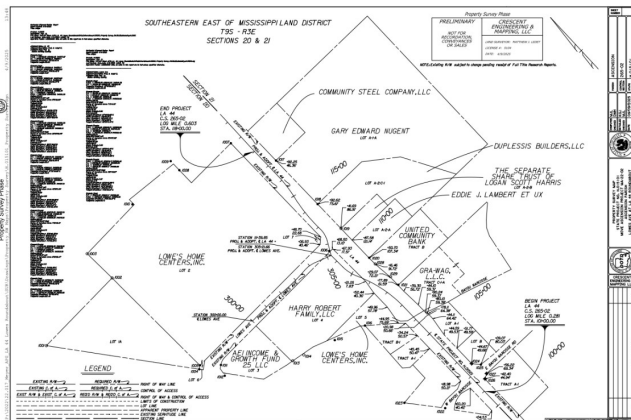
Firm name	Crescent Engineering & Mapping, LLC			Discipline(s)*	Survey
Lowes Ave at LA 44 Roundabout				Firm responsibility (prime or sub?)	Sub
Project number	H.015101, 20-1744D	Owner's name	Ascension Parish Government		
Project location	Ascension Parish, LA		Owner's Project Manager	Mark Schutt, P.E.	
Owner's address, phone, email	4937 Hearst St. Suite 1B, Metarie, LA 70001; 504-885-9892; mschutt@meyer-e-l.com				
Services commenced by this firm (mm/yy)		09/22	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$104

The intersection of LA 44 and Lowes Ave in Gonzales, LA is a high traffic intersection being improved with the addition of a roundabout in place of the existing signalized intersection.

Crescent Engineering & Mapping, LLC performed a topographic survey covering approximately 3,000 linear feet of roadway with a DTM width of approximately 150 feet through urban terrain, capturing the existing bridge structure, channel, and adjacent roadway sections. Crescent developed existing drainage maps covering roughly 45 acres and prepared TBM sheets to support design accuracy. The property survey encompassed **nineteen (19) parcels**, with all visible improvements surveyed which will be incorporated into the base R/W maps. Crescent conducted all Title Take-Offs, coordinated with the Title Research Report services with the subconsultant, and will provide legal descriptions following the completion of Final Maps. Plans are produced in accordance with all LADOTD requirements including Bentley Microstation/Inroads, ProjectWise and certified by CadConform.

Crescent has completed the Topographic Surveys, and Property Maps for the project so far and await taking lines from the designer to continue the mapping process.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



## 17. Firm Experience:

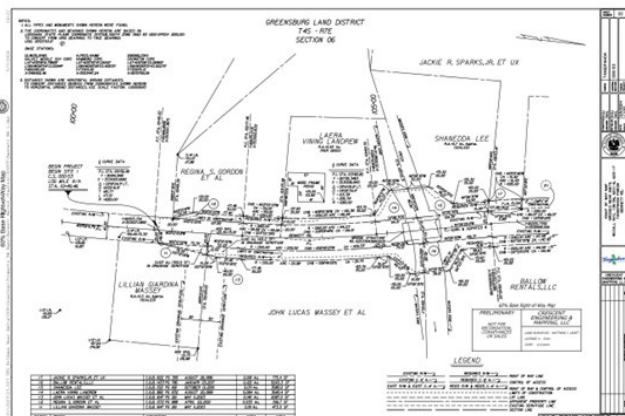
Firm name	Crescent Engineering & Mapping, LLC			Discipline(s)*	Survey
Tangipahoa Bridges near Amite				Firm responsibility (prime or sub?)	Prime
Project number	N/A	Owner's name	Tangipahoa Parish Government		
Project location	Tangipahoa Parish, LA		Owner's Project Manager	Kevin Greer	
Owner's address, phone, email	206 E. Mulberry St., Amite, LA 70422; 985-244-6880; kgreer@tangipahoa.org				
Services commenced by this firm (mm/yy)		04/23	Total consultant contract cost (\$1,000's)		\$673
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$518

Crescent Engineering & Mapping, LLC is supporting Tangipahoa Parish in the preparation of a BIP grant application to the USDOT for five bridge sites located in Amite and Independence, Louisiana. Crescent is responsible for both the engineering and surveying services required to support the development of preliminary bridge plans.

The topographic survey covered approximately 6,600 linear feet of roadway with a DTM width extending 25 feet beyond the apparent R/W limits. This survey captured the existing bridge structure, channel, and adjacent roadway sections. Visible utilities were surveyed with depth data, existing drainage features, and finish floor elevations of all structures within the survey boundaries. The property survey encompassed **twenty-eight (28) parcels**, with all visible improvements reflected in the 60% Base R/W maps. Crescent conducted all Title Take-Offs and coordinated with the Title Research Report services with the subconsultant. Plans are produced in accordance with all LADOTD requirements including Bentley Microstation/Inroads, ProjectWise and certified by CadConform.

Crescent has completed the Topographic Surveys, Preliminary Plans, Property Maps and 60% Base Right-of-Way Maps and is awaiting Final Plans to begin the Final Right-of-Way Maps.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



## 17. Firm Experience:

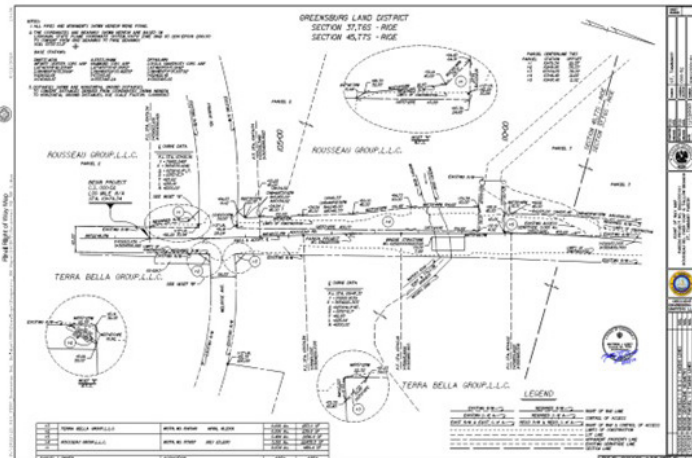
Firm name	Crescent Engineering & Mapping, LLC			Discipline(s)*	Survey
Rousseau Rd. over Tchefuncte River				Firm responsibility (prime or sub?)	Prime
Project number	EN22000181	Owner's name	St. Tammany Parish Government		
Project location	Covington, LA		Owner's Project Manager	Truman "Trip" Sharp, III	
Owner's address, phone, email		21454 Koop Drive, Mandeville, LA 70471; 985-898-2552; tdsharp@stp.gov.org			
Services commenced by this firm (mm/yy)		05/22	Total consultant contract cost (\$1,000's)		\$363
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$280

The Rousseau Rd. bridge project over the Tchefuncte River involves the replacement of a 4-span structurally deficient bridge near Covington, LA with a new 7-span, 30' clear concrete bridge, set on new alignment with 5' bike lanes on each side of the roadway. The project includes topographic surveys, property surveys & R/W maps, bridge design, roadway/bike lane design, geotechnical, environmental, contract management and construction support.

Crescent Engineering & Mapping, LLC is the prime consultant for the project and is responsible for topographic survey, additional as needed efforts for emergency repairs, property surveys, title take offs, and 60% Base and Final Right-of-Way maps. LADOTD design criteria were followed and design drawings developed as traditional LADOTD plans using Bentley Microstation/Inroads and CADConform due to anticipated federal funding. Surveying services included a topographic survey of approximately 2,100 linear feet of roadway with a DTM width of 200 feet, capturing the existing bridge structure, channel, and adjacent roadway sections. The property survey covered two (2) parcels, with all visible improvements reflected in the base and final R/W maps. Crescent also completed all title take-offs, coordinated Title Research Report deliverables with a subconsultant, and provided legal descriptions to support R/W acquisition.

Crescent has completed all tasks through the 90% Final Plans stage including Final R/W Maps. R/W Acquisition is near complete and the project will let in Q3, 2025.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



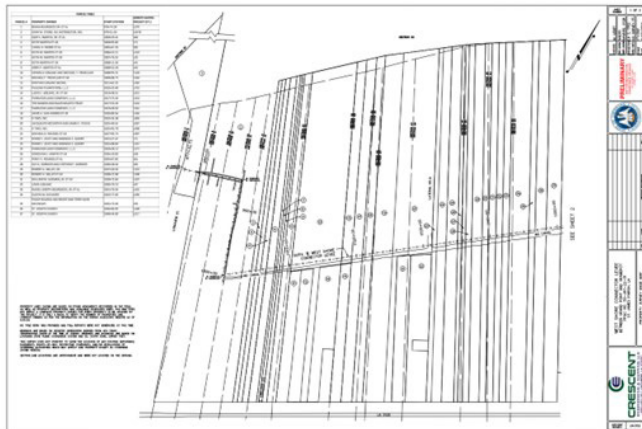
## 17. Firm Experience:

Firm name	Crescent Engineering & Mapping, LLC			Discipline(s)*	Survey
West Shore Connector Levee				Firm responsibility (prime or sub?)	Sub
Project number	50-J47-22-01	Owner's name	St. James Parish Government		
Project location	St. James Parish, LA		Owner's Project Manager	Ryan Larousse	
Owner's address, phone, email		5800 Hwy 44, Convent, LA 70723; 225-206-1379; ryan.larousse@stjamesparishla.gov			
Services commenced by this firm (mm/yy)		02/24	Total consultant contract cost (\$1,000's)		Unknown
Services completed by this firm (mm/yy)		Ongoing	Cost of consultant services provided by this firm (\$1,000's)		\$1,163

The Westshore Lake Pontchartrain Connector Levee project includes a 2.7 mile earthen levee, pump stations, bridges and sector gates through virgin terrain following along the St. James Parish M-2 canal and connecting to two (2) US Army Corps of Engineers (USACE) approved ring levees in the communities of Gramercy/Lutcher and Grand Point, LA. The project is being designed and constructed in accordance with USACE's Hurricane and Storm Damage Risk Reduction System Design (HSDRRS) standards with an ultimate goal of becoming part of the Westshore Lake Pontchartrain system, which stretches from the east bank of St. James Parish to the Bonnet Carre spillway in St. Charles Parish.

Crescent Engineering & Mapping, LLC, as a subconsultant, is responsible for all topographic, bathymetric, and Right of Way surveys necessary for the project's hydraulic modeling, access roads/bridges, pump stations, sector gates and the levee section itself. Initial surveying for the hydraulic modeling including all canals and lateral channels was completed in 2023 and included major channel transects and general land transects for LiDAR ground-truthing. Crescent completed the primary control establishment, over 15 miles of digital levels and full topographic survey of the levee alignment, pump station and gate locations in late 2024 which included nearly **3 miles of topographic survey with a .DTM width of 300' through virgin, forested swamplands** with boat access only. In 2024, Crescent **performed title take-offs and property surveys on 86 parcels** to develop the Base R/W maps, many of these parcels are legacy tracts which have never been surveyed. Crescent is currently preparing the Title Research reports for all 86 parcels and will begin Final R/W map production in the summer of 2025 along with Title Update Reports and will assist in the R/W acquisition process.

**Team Members Highlighted in this Proposal:** Dennis M. Hymel Jr., P.E., Matthew Ledet, P.L.S., Kelly Jones, Dakotah Holley



# SECTION 18



H.015101

Lowes Ave at LA 44 Roundabout

Ascension Parish, LA

Topographic and Right of Way Surveying

## 18. Approach and Methodology:

### INTRODUCTION

The Crescent Engineering & Mapping (Crescent) team brings 37 years of combined experience producing Right-of-Way maps for LADOTD and transportation projects. This experience spans the entire project life cycle, from early coordination and man-hour negotiations, title take offs, title research, property surveys, and the development of 60% and Final Right-of-Way Maps. Crescent's staff have previously completed this work through LADOTD Right-of-Way retainer contracts, stand-alone state projects requiring multiple services, including Right-of-Way mapping, and parish or city transportation projects using LADOTD standards to ensure consistency and quality in our process.



Crescent's Survey Manager, **Matthew Ledet, PLS**, has over a decade of experience managing LADOTD survey efforts and has been involved in Right-of-Way mapping projects since 2004. He has developed a well-rounded skill set that spans field operations, office production, and project administration.

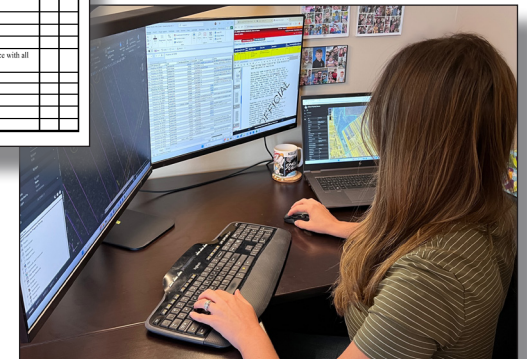
Mr. Ledet is actively involved in every phase of execution, from coordinating daily field tasks and collecting data to processing survey files and drafting R/W map components. His responsibilities also extend to manhour negotiations, billing processes and task order status updates, giving him a full view of both technical and logistical project needs. Being hands on with all aspects of a project allows him to quickly resolve issues and keep the project team aligned and consistent.

Mr. Ledet's project experience includes multiple roundabout and bridge sites located in densely developed urban areas, requiring a higher level of detail, as well as large-scale rural corridors with 100+ parcels. He routinely performs field reconnaissance for corner evidence and improvement data within the 50' required taking lines and integrates the results into InRoads to support accurate and efficient map production.

In addition to his technical expertise, Matthew is well-versed in the structure and expectations of IDIQ contracts and has contributed to Crescent's successful delivery of LADOTD Right-of-Way Projects and a variety of state and local initiatives. His completed projects vary in both size and complexity ranging from 4 parcels to over 100, always focused on ensuring each one meets the standards and expectations required for thorough R/W mapping.

**Kelly Jones** is Crescent's Senior Survey Technician. With a background in education, she brings a strong attention to detail and organizational skill to every stage of the Right-of-Way mapping process. Her dedication to Quality Control led her to develop Crescent's internal version of the *Addendum A* checklist, incorporating project-specific comments and best practices collected over past submittals. Ms. Jones is proficient in MicroStation and InRoads, producing clean and consistent Base and Final R/W maps with attention to both efficiency and accuracy. Her initiative in exploring underused features in the software, such as **dynamic labeling tools and template enhancements**, has improved QA/QC workflows across the team. She also assembles field packs, reviews title work, and generates title takeoffs.

Client Project No.: _____		Crescent Project No.: _____	
Project Name: _____		Verified: _____	
Technician: Kelly Jones		Verified: _____	
Reviewer: _____		Verified: _____	
Surveyor of Record: Matthew Ledet, 5104		Verified: _____	
Title Sheet Checklist			
No.	Item Verified	Techn	Rev
1	Project flag find note and bridge location on Layout Map matches engineering plans and on all sheets		
2	Current Section has been confirmed with District Maps and matches engineering plans		
3	Flag Miles have been backchecked with DOTD Control-Section Data Map and matches engineering plans		
4	Layout map from DOTD District Maps is shown at appropriate location and scale (Typ. 1" = 1 mile)		
5	Leader arrows of station notes pointing to correct locations on Layout Map		
6	County Map is showing correct Project Number, Parish boundary, and District outlined		
7	Current Section has been confirmed with District Maps		
8	Project Name and Number (state/federal) is correct in header and matches contract		
9	Appropriate agency listed at the top of the page and program (if necessary) listed below		
10	Current Parish listed below Project Title		
11	Sheet Border info is correct (SP #/SP Name/Route No/Parish/CS/Project #/Scale/Sheet #/Logo) and in concurrence with all sheets in set		
12	Acquisition line removed from bottom of sheet		
13	Calculation Note		
14	Rebound Stage is correct (Preliminary Stamp and Left edge of Border Sheet)		
15	Preliminary or Final Seal w/ signature and date included and correct		
16	Sheet is Old Conform Certified		



## 18. Approach and Methodology:

Looking forward to future LADOTD work, both **Kelly and Matthew received training in OpenRoads Designer in October of 2024**. They are prepared to transition software platforms when LADOTD requires. Kelly has stayed ahead of the curve by reviewing updated manuals and tracking software changes so Crescent can transition smoothly as changes occur.

Crescent uses all LADOTD approved software including: *Microstation/Inroads, Open Roads Designer, ProjectWise, Interplot Organizer, CADConform, BlueBeam Revu.*

**Dakotah Holley and Joseph Maurin** serve as Crescent's Party Chiefs, working together to execute field operations that support Right-of-Way map development. Their dual-lead approach allows them to collaborate on most assignments, split up tasks when needed, and problem-solve in real time, which boosts both productivity and data quality in the field.

Dakotah, while still early in his career, has quickly developed strong technical skills and a clear understanding of transportation surveying. He works closely with the PLS to coordinate daily field efforts and leads a well-organized, dependable crew. He regularly incorporates feedback from both the PLS and CAD technician, fine-tuning his field coding to reduce in-office corrections. Mr. Holley's adaptability and communication skills make him a key contributor to Crescent's field operations.



Joseph brings a sharp eye for detail and is especially known for maintaining a thorough and well-organized field book. His consistent notes and clear field sketches enhance the team's internal QA/QC process allowing for easy

verification of attributes in our layouts. Like Dakotah, he is fully proficient in operating Crescent's survey equipment and managing simultaneous usage of RTK and total station equipment.

On projects that demand increased data collection, Dakotah and Joseph can divide responsibilities; for example, one may work ahead recovering monumentation or other boundary identifiers, while the other concentrates on collecting improvements and field note integrity. This approach of having two party chiefs on one project allows Crescent to maintain accuracy and efficiency and allows them to collaborate immediately as well as increase data collection.

### Crescent Engineering & Mapping SURVEY ADVANTAGE

Crescent owns the latest in Trimble® Survey equipment, operated by our in-house survey crews for roadway and bridge projects. Providing surveys in-house allows for seamless coordination and communication of survey needs directly from our engineering staff to the field. Additionally, in-house survey services allow for immediate deployment of survey crews and near instantaneous data review, eliminating missing data and ensuring the most expedient project delivery. Lastly, should additional data be required during design, these services can be immediately performed, eliminating costly delays caused by subconsultant coordination.



Crescent maintains flexibility across its team structure. Mr. Ledet can easily transition to a field role, augmenting Crescent's field staff to deliver multiple projects simultaneously. Ms. Jones supports this by managing daily data processing and preparing field packages. The strength of Crescent's surveying team lies in the fact that they are a close-knit group with direct communication between the office and the field, with everyone clearly understanding the project scope and expectations. This structure allows each member to work independently while staying connected, avoiding unnecessary management layers and delays. The trust and familiarity between team members foster anticipation of each other's needs and promotes a collaborative, solution-driven approach to every project. Together, the team adapts to each project's unique requirements while consistently delivering quality results from kickoff to closeout.

To ensure Crescent's work remains aligned with current LADOTD standards, our staff regularly review the LADOTD website for updates to the *Location and Survey Manual and Addendum A* and maintain communication with members of the Location and Survey section. We also confirm the use of the most recent cell library, border, and preferences. This attention to evolving requirements reflects Crescent's commitment to delivering complete, compliant submittals for LADOTD.

## 18. Approach and Methodology:

### PROJECT UNDERSTANDING

Crescent understands from experience that while task orders may vary, a typical project involves four major efforts to complete a set of Right-of-Way maps, whether it's an Off-System Bridge project or a multi-mile road widening: 1) Property Surveys, including Title Take-Offs; 2) Base Right-of-Way Maps; 3) Final Check Prints; 4) Final Right-of-Way Maps.

#### Property Surveys and Title Take-Offs

The first step in each Right-of-Way Map is developing its base: the Property Survey component. This phase establishes existing property and right-of-way lines, forming the base DGN file for designers to determine necessary taking lines. Crescent begins this process by requesting all files that fall within the project's control section/log mile from DOTD. Affected properties are researched in the Assessor and Clerk of Court's office for the corresponding parish. The research is compiled into the Title Take-Off reports for each property and is submitted in the Property Survey phase. As part of this process, Crescent maintains an internal spreadsheet to track all found deeds, servitude records, and maps, ensuring full traceability and supporting a well-documented research effort.

Descriptions and maps are used to retrace and capture existing monumentation and relate it to the project control. As the field crews recover corners, coordinates are relayed to office personnel who revise and resend stakeout points. This iterative process increases efficiency by helping the crew target existing corners and helps identify potential boundary issues early in the process.

Before any field work begins, Crescent initiates contact with landowners within the proposed survey area to request access. All contact efforts are documented to track who was reached and whether a response was received. When feasible, in-person communication is also pursued. These interactions often aid in the recovery of property corners by providing the survey crew with verbal information from property owners that may not be available in public records.

Once field work has been completed and sufficient monumentation has been recovered, a base DGN file is created, showing both found monumentation and established property/R/W lines. The DGN follows the guidelines set forth in *Addendum A of the Location and Survey Manual Property Survey and Right-of-Way Maps*. Deliverables including Title Take-Offs, supplemental maps, ASCII text file of monument locations, centerline geometry files, and a PDF of the Property Survey are all submitted to the DOTD Task Manager.

### PROPOSED PROJECT SCHEDULE

Typical Property Survey & Right-of-Way Maps Schedule						
Stage/Task	1	2	3	4	5	6
Title Take Offs						
Property Surveys						
DOTD Review						
Base Right-of-Way Maps						
DOTD Review						
JPR Meeting						
Final Check Prints (Maps)						
DOTD Review						
Final R/W Maps						

*Crescent understands overall schedule will vary greatly due to the project specifics and design timelines between R/W milestones.*

#### Base Right-of-Way Map

Once the designer has provided taking lines, the Base Right-of-Way Map can be developed. A comprehensive base map is built by combining the designer-provided taking lines, pertinent topographical features, existing servitudes found within the title research, and the Property Survey base DGN file. From this, taking Parcels are defined and tied to the proposed alignment. The Title Sheet, Plan Sheets, and Residual Map are constructed in accordance with Addendum A guidelines, using CadConform to apply the required symbology and linework. The presence of the CadConform seal ensures the DGN complies with LADOTD standards.

Once the Base Right of Way Maps are submitted and reviewed by LADOTD, a Joint Plan Review (JPR) meeting is held, attended by Location and Survey, the Project Manager, Utility and Real Estate personnel, District Representatives, and Crescent. This meeting addresses outstanding issues, including discrepancies between the construction plans and Base Maps, errors in formatting from Location and Survey, property issues such as disputed area, or the need for additional title research to clarify ambiguous areas. All issues are discussed and are resolved in the next step in the mapping process.

## 18. Approach and Methodology:

## Final Check Prints

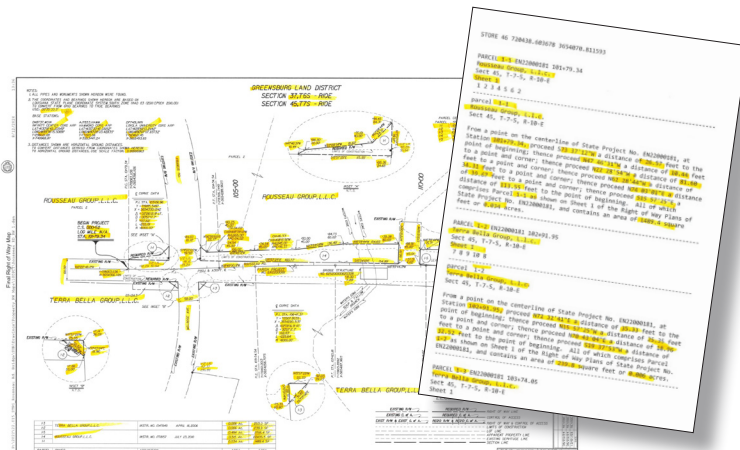
Upon receiving any taking line changes, limits of construction changes and title report updates, Crescent revises the 60% maps to reflect changes and incorporate JPR comments. Station-offset calls to the proposed Right-of-Way lines are checked against the construction plans, and any unresolved discrepancies are brought to the task manager's attention. All parcels are defined by bearing and distance calls which are cross-checked against the CogoWIN-generated descriptions. The Final Check Prints utilize all elements from CadConform and is re-certified to show conformity with LADOTD standards.

## Final Right-of-Way Map

After receiving any comments on the Final Check Prints, Crescent updates the Final Right-of-Way maps to reflect any needed changes. Station/Offset and geometry call outs are once again checked against construction plans, property owner names checked against official Title Reports or Title Update Reports, and metes and bounds checked against the CogoWin-generated descriptions. After incorporating revisions, the DGNs are CadConformed and printed on mylar film for final signature and seal by the PLS. Final deliverables include the mylar plats, a DGN and signed PDF of the final maps, PDF of final Title Reports, and CogoWin generated Parcel IN/OUT files for Real Estate use in acquisitions.

## Quality Control

Throughout the R/W task order process, Crescent utilizes checklists that are provided in Addendum A. Crescent has thoroughly expanded these lists based on historical feedback to reduce comments in further submittals. Each item is reviewed by both the drafting technician and by the responsible PLS.



## Firm Resources

Crescent utilizes the latest in office and field technology to deliver survey projects for our clients including Bentley Power Inroads/Open Roads Designer, Trimble Business Center, Bluebeam CAD Revu, Altiva CadConform, Trimble R12 GNSS/GLONASS Survey units with Trimble Access and Trimble S7 Robotic Total Stations.

CRESCENT EQUIPMENT/ITEM	QTY
Trimble R10 and R12 RTK/GNSS Units	6
Field Data Collectors	3
Conventional Total Stations	1
Trimble S7 Robotic Total Station	1
Utility Vehicles/ATVs	3
16'-18' Vessel with Outboard	2
10' Skiff	1
Schonstedt GA-52Cx	4
Field Vehicles	5



FROM GRID BEARINGS TO TRUE BEARINGS

AT/ONS:

AJ7833.HAMM  
CENTER CORRS ARP  
LAT-N30°30'47.05152"  
LONG-W90°28'03.42835"  
Y=733115.65  
X=3553447.24


DP7419.IWRI  
LOYOLA UNIVERSITY CORRS ARP  
LAT-N29°59'13.2142"  
LONG-W90°07'07.83732"  
Y=524621.45  
X=3665493.65

S SHOWN ARE HORIZONTAL GROUND DISTANCES.  
RT DISTANCES DERIVED FROM COORDINATES SHOWN HEREON  
ONTAL GROUND DISTANCES, USE SCALE FACTOR: 0.99995963

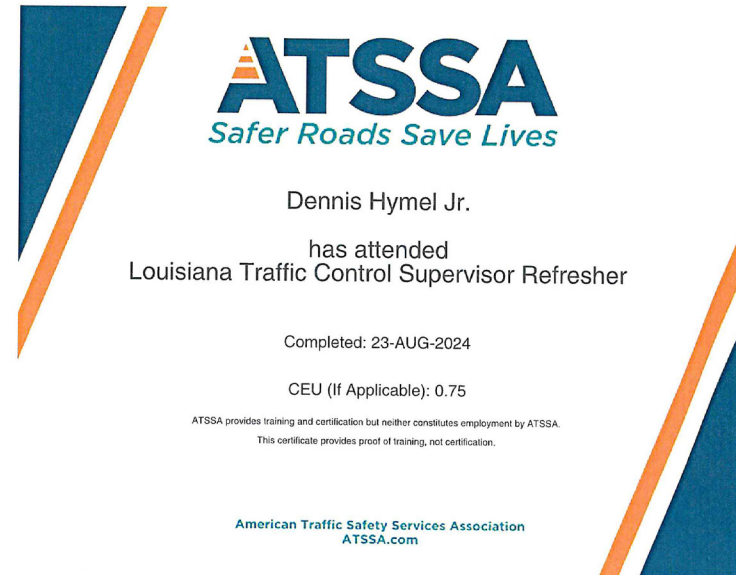
# SECTION 19-23



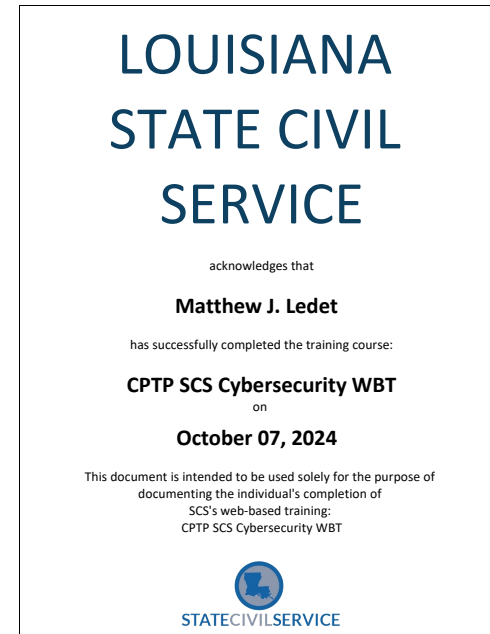
## 19. Workload:

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Discipline(s) *	Contract Number and State Project Number	Project name	Remaining Unpaid Balance**
	Road	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$2,323
	Bridge	44-24591; H.014992	McHugh Road Over Brushy Bayou	\$995
	Planning	44-27180; H.016012	Transportation Alternatives Program (TAP), Task Order No. 1 (Technical Assistance to LPA's)	\$361
	Road	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$7,073
	Bridge	44-25035; H.014984	Libuse Cutoff Road Over Flagon Bayou	\$10,610
	Road	44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	\$318,421
	Bridge	44-28434; H.015568	LA 44: Pelican Point Roundabout and Widen	\$56,192
	Survey	44-27735; H.014056	I-69 Frontage Road Connector (Stonewall Frierson)	\$672,223
	Road	44-27735; H.014056	I-69 Frontage Road Connector (Stonewall Frierson)	\$379,580
	Bridge	44-27735; H.014054	I-69 Frontage Road Connector (Ellerbe Rd to LA 1)	\$119,262
	Road	44-24585; H.014980	Chinaberry Drive over Unnamed Coulee	\$6,155
	Bridge	44-24585; H.014980	Chinaberry Drive over Unnamed Coulee	\$1,086

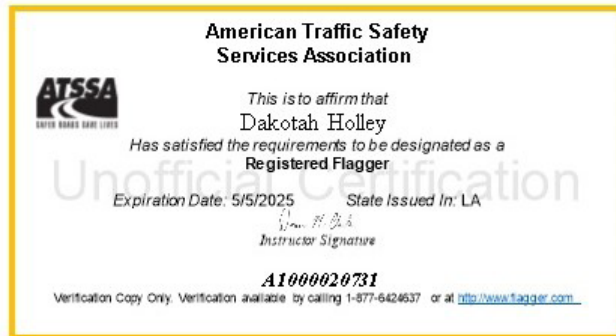
## 20. Certifications/Licenses:



## 20. Certifications/Licenses:



## 20. Certifications/Licenses:



## 20. Certifications/Licenses:



**ATSSA**  
*Safer Roads Save Lives*

Joseph Mavrin  
has attended  
Louisiana Traffic Control Technician

Completed: 30-JUL-2024

CEU (If Applicable): 0.75

ATSSA provides training and certification but neither constitutes employment by ATSSA.  
This certificate provides proof of training, not certification.

American Traffic Safety Services Association  
ATSSA.com



**ATSSA**  
*Safer Roads Save Lives*

Joseph Mavrin  
has attended  
Louisiana Traffic Control Supervisor

Completed: 01-AUG-2024

CEU (If Applicable): 1.5

ATSSA provides training and certification but neither constitutes employment by ATSSA.  
This certificate provides proof of training, not certification.

American Traffic Safety Services Association  
ATSSA.com



**ATSSA**  
*Safer Roads Save Lives*

Joseph Maurin  
has attended  
National Flagger Certification Training Course

Completed: 03-SEP-2024

CEU (If Applicable): 0

ATSSA provides training and certification but neither constitutes employment by ATSSA.  
This certificate provides proof of training, not certification.

American Traffic Safety Services Association  
ATSSA.com



20. Certifications/Licenses:

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Name	Type	City	Status
CRESCENT ENGINEERING & MAPPING, LLC	Limited Liability Company	VACHERIE	Active

21. QA/QC Plan and/or Work Plan:

QA/QC PLAN NOT PROVIDED PER ADVERTISEMENT

## 22. Sub-consultant information:

If one or more sub will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

### 23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.



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