



ST. CHARLES PARISH

OFFICE OF THE COUNCIL SECRETARY

P.O. BOX 302 • HAHNVILLE, LOUISIANA 70057
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COUNCIL OFFICE MEMORANDUM

DATE: AUGUST 21, 2025

TO: MR. MILES BINGHAM
PUBLIC WORKS DIRECTOR

FROM: MICHELLE IMPASTATO 
COUNCIL SECRETARY

RE: PROFESSIONAL SERVICES AGREEMENT
RIVERBEND SUBSURFACE DRAINAGE
(PROJECT NO. P250702)

On August 4, 2025, the St. Charles Parish Council adopted Ordinance No. 25-8-5 approving and authorizing the execution of a Professional Services Agreement with Crescent Engineering & Mapping, LLC, for the Riverbend Subsurface Drainage (Project No. P250702), in the lump sum amount of \$86,544.40.

A copy of the ordinance is enclosed for your records. Please update in your records and/or software as desired. The agreement was fully executed through Administration's DocuSign software and should be available via DocuSign.

MI/ag

Enclosure

cc: ¹Parish Council
Ms. Samantha de Castro w/ordinance
Mr. Grant Dussom w/enclosure
Mr. Corey Oubre w/enclosure
Mr. Brandon Bernard w/enclosure
Crescent Engineering & Mapping, LLC w/enclosure

¹ Council Dept. retained 1 DocuSign copy for file

2025-0202

**INTRODUCED BY: MATTHEW JEWELL, PARISH PRESIDENT
(DEPARTMENT OF PUBLIC WORKS)**

ORDINANCE NO. 25-8-5

An ordinance approving and authorizing the execution of a Professional Services Agreement with Crescent Engineering & Mapping, LLC, for the Riverbend Subsurface Drainage (Project No. P250702), in the lump sum amount of \$86,544.40.

WHEREAS, St. Charles Parish would like to authorize Crescent Engineering & Mapping, LLC, to perform surveying and engineering services on the Riverbend Subsurface Drainage project; and,

WHEREAS, the Riverbend Subsurface Drainage project entails the surveying and engineering to provide a solution that will help alleviate some of the drainage issue that is being seen on Riverbend Drive in St. Rose; and,

WHEREAS, St. Charles Parish and Crescent Engineering & Mapping, LLC, have mutually agreed upon a lump sum amount of \$86,544.40 to complete the Riverbend Subsurface Drainage (Project No. P250702).

THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:

SECTION I. That the Professional Services Agreement between St. Charles Parish and Crescent Engineering & Mapping, LLC, for the Riverbend Subsurface Drainage (Project No. P250702), in the lump sum amount of \$86,544.40 is hereby approved and accepted.

SECTION II. That the Parish President is hereby authorized to execute said Agreement on behalf of St. Charles Parish.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: MOBLEY, FONSECA, WILSON, SKIBA, PILIE, O'DANIELS, FISHER
NAYS: NONE
ABSENT: COMARDELLE, DEBRULER

And the ordinance was declared adopted this 4th day of August, 2025, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: Heely Fonseca
SECRETARY: Michelle Spantato
DLVD/PARISH PRESIDENT: August 5, 2025
APPROVED: ✓ DISAPPROVED: _____

PARISH PRESIDENT: Matthew Jewell
RETD/SECRETARY: August 7, 2025
AT: 3:16 pm RECD BY: [Signature]

PROFESSIONAL SERVICES AGREEMENT

THIS AGREEMENT made and effective as of 8/19/2025
by and between ST. CHARLES PARISH acting herein by and through its President, who is duly authorized to act on behalf of said Parish, hereinafter called the OWNER, and Crescent Engineering & Mapping, LLC, a corporation and/or limited liability company acting herein by and through its Contracting Officer, hereinafter called CONSULTANT. Whereas the Owner desires to employ a professional consulting firm to perform consulting work and services for Riverbend Subsurface Drainage, Parish Project No. P250702.

1.0 GENERAL TERMS

The Owner agrees to employ the Consultant and the Consultant agrees to perform professional services required for the project described above. Consultant will conform to the requirements of the Owner and to the standards of the agencies participating with the Owner in the Project. The Consultant will coordinate all work between the Owner and all participating agencies and regulating agencies, if needed. Written authorization to begin different phases of the project will be given to the Consultant by the Owner, including Conceptual, Preliminary Design, Final Design, Bidding Assistance and Construction and Services. The Owner may terminate the Contract by written notification and without cause per Section 11.0 during any phase of the project.

The Consultant shall at all times during this Agreement maintain a valid Louisiana Consulting License and any other applicable licenses necessary for performance of the Project.

All work shall be under the direction of the Owner, and all plans, specifications, etc. shall be submitted to the Owner and all approvals and administration of this contract shall be through the Owner.

2.0 PROJECT

2.1 The Owner hereby contracts with the CONSULTANT to perform all necessary professional services in connection with the project as defined as follows:

Riverbend Subsurface Drainage
Parish Project No. P250702

2.2 The Project consist of the scope of services and work as defined in Attachment "A" hereto.

2.3 Consultant shall perform all scope of services and work in accordance with the Schedule as defined in Attachment "B" hereto unless otherwise mutually agreed upon by the parties in writing.

- 2.4 The Consultant agrees to comply with all Federal, State, and Local Laws and Ordinances applicable to the scope of services and work or in entering any other agreement with any another party to complete the work.

3.0 SERVICES OF CONSULTANT

- 3.1 Consultant shall provide Owner professional work and services in all phases of the Project to which this Agreement applies and as hereinafter provided to properly plan and execute the work on the project(s) assigned to the Consultant. These services may include but may not be limited to serving as Owner's professional consulting representative for the Project, providing professional consultation and advice, and furnishing customary civil, surveying, geotechnical, structural, mechanical, electrical, instrumentation and control consulting services and construction consulting and inspection.
- 3.2 Services provided by the Consultant shall be performed in accordance with generally accepted professional consulting practice at the time and the place where the services are rendered.
- 3.3 Consultant shall obtain from Owner authorization to proceed in writing for each phase of the Project.
- 3.4 Consultant shall provide minutes of all meetings with St. Charles Parish regarding any phase of the Project.
- 3.5 Consultant shall provide work and services to complete the project, including all necessary services described herein or usually implied as a prerequisite for the performance of the services whether or not specifically mentioned in this agreement, including attendance by the Consultant at project conferences and public hearings.
- 3.6 The Phases of the Project, if applicable, are as defined in Attachment "A".

4.0 OWNERSHIP OF DOCUMENTS

- 4.1 Documents including but not limited to plans, specifications, maps, basic survey notes, sketches, charts, computations and all other data prepared or obtained under the terms of this authorization shall become the property of the Owner and shall be made available for Owner's inspection at any time during the Project and, shall be delivered to the Owner prior to termination or final completion of the Contract.
- 4.2 Consultant may retain a set of documents for its files.
- 4.3 Reuse of Documents. Any reuse of documents or materials without written authorization or adaptation by Consultant to the specific purpose intended will be

at Owner's sole risk and without liability or legal exposure to Consultant or to Consultant's independent professional associates, subcontractors, and consultants.

- 4.4 No materials, to include but not limited to reports, maps or other documents produced as a result of this Contract, in whole or in part, shall be available to Consultant for copyright purposes. Any such materials produced as a result of this Contract that might be subject to copyright shall be the property of the Owner and all such rights shall belong to the Owner, and the Owner shall be sole and exclusive entity who may exercise such rights.

5.0 SUPPLEMENTARY SERVICES

The Consultant shall provide, when requested in writing by the Owner, supplementary services not included in the basic work and services.

The compensation to the Consultant for the supplemental services, when performed by the Consultant, shall be in the form of a lump sum, billable hours, or "not to exceed" hourly rate which is mutually agreeable to the Owner and the Consultant in writing.

Such supplementary services may include the following:

- A. Soil investigations
- B. Laboratory inspection of materials and equipment
- C. Right-of-Way, easement and property acquisition surveys, plats, maps and documents
- D. Any major revisions for which the Consultant is not responsible, that are authorized by the Owner after the completion and approval of either the preliminary or final plans and specifications
- E. Services concerning replacement of any work damaged by fire or other causes during construction
- F. Services made necessary by the default of the contractor in the performance of the construction contract
- G. Services as an expert witness in connection with court proceedings
- H. Traffic consulting if necessary
- I. Topographic Survey
- J. Preparation of Environmental Assessment documents and/or Environmental Permits
- K. If all or part of the work is to be financed by a Federal or State Grant, the Consultant shall assist the Owner in the preparation of the Grant application and with the Grant Administration, unless otherwise specifically agreed upon previously herein.

6.0 DEFECTIVE WORK

During such visits and on the basis of such observations, Consultant may disapprove of or reject Contractor's work while it is in progress if Consultant believes that such work will not produce a completed Project that conforms generally to the Contract Documents or that it will prejudice the integrity of the design concept of the Project as reflected in the Contract Documents

7.0 NOTICE TO PROCEED

The Owner shall notify the Consultant in writing to undertake the services stated in this Agreement, and the Consultant shall commence the services within ten (10) days after receipt of such notification.

If the Owner desires to divide the Project into various parts, a Notice to Proceed shall be issued for each part, and the Owner and the Consultant shall mutually agree upon the period of time within which services for each part of the Project shall be performed.

The Consultant will be given time extensions for delays beyond their control or for those caused by tardy approvals of work in progress by various official agencies, but no additional compensation shall be allowed for such delays.

8.0 PAYMENTS

- 8.1 Owner shall pay Consultant for the performance of work and services as outlined in Attachment "C" to this Agreement.
- 8.2 Payment for Consultant work and services on projects that do not require construction services, such as feasibility studies or drainage studies, shall be made based upon Consultant's estimate of the proportion of the services actually completed at the time of billing and shall be made in partial payments at monthly intervals.
- 8.3 If the Project, or any portion thereof, is not completed for any reason, the final fee for consulting work and services shall be negotiated between Owner and Contractor. If the final fee for work and services is not mutually agreed upon, either party may elect in writing to submit the dispute to mediation. If mediation is not mutually agreed upon, written notice will be submitted to the other party of the intent to submit the dispute to the 29th Judicial District Court of St. Charles Parish, State of Louisiana.
- 8.4 If authorized in writing by Owner, for the performance of, or for obtaining from others Additional Services which are not considered normal or customary consulting, the Owner shall pay Consultant based on monthly invoices submitted by the Consultant, within sixty (60) days of receipt of Consultant's invoice.

Consultant shall provide written notice to Owner when no services or work have been performed during a given month.

- 8.5 For Additional Authorized Services provided by the Consultant such as, but not limited to, wetlands permitting, land and right-of-way acquisition, surveying, NPDES and LADEQ permit renewal or acquisition work, etc. Owner shall pay Consultant based on an agreed upon hourly rate(s) between the Owner and Consultant. Payment shall be not-to-exceed based on hourly rates and actual hours worked.
- 8.6 The following documentation shall be required for payment to Consultant and shall be attached to the monthly invoice.
- a. A copy of the Owner's written authorization to perform the service.
 - b. Timesheets for all hours invoiced.
 - c. Invoice copies, logs or other substantiation of non-salary expenses.
- 8.7 For Additional Authorized Services that Consultant acquires from subcontractors and/or subconsultants, Owner shall pay Consultant a fixed sum previously agreed upon by Owner and Consultant, such sum to be established in each case when the scope of the work involved has been determined and before any of the Additional Services are provided. The use of subcontractors and/or subconsultants shall be subject to the provisions set forth in this Agreement. The following documentation shall be required for payment to Consultant and shall be attached to the monthly invoice:
- a. A copy of the Owner's written consent for the subcontractor and/or subconsultant to perform the service stating the Owner's and Consultant's agreed upon fixed sum established for the service performed.
 - b. Evidence that the subcontractor and/or subconsultant is insured as required by this Agreement.
- 8.8 For Supplementary Services described in Section 5, Owner shall pay Consultant for the fee negotiated at the time the work is assigned by the method stipulated in the contract amendment.

9.0 BUDGET LIMITATIONS

The construction budget for this Project shall be determined by the Owner, and the Consultant shall be advised of the budget limitation in writing by the Owner and the Consultant shall indicate his acceptance of same in writing to the Owner. Any subsequent budget revisions shall be confirmed in writing.

If, at the completion of the Preliminary or Design Phase, the Consultant does not concur with the construction budget, he shall so notify the Owner, and the Consultant and Owner

shall mutually agree on a revised construction budget prior to any work on the Design Phase.

If no bid is received within the budget limitation and a redesign of the project is required by the Owner, such redesign shall be accomplished by the Consultant at no additional cost to the Owner, provided, however, if the receipt of bids are, for any reason, delayed beyond a period of six (6) months from the date of the completion of the Design Phase the amount stated as the construction budget shall be adjusted, immediately prior to the time bids are received, by use of a construction cost index acceptable to both parties of this agreement.

10.0 FUNDS

No work shall be authorized until funds are established for each individual task.

11.0 TERMINATION OR SUSPENSION

- 11.1 This Agreement may be terminated for any reason by either party upon thirty (30) days written notice.
- 11.2 The Consultant, upon receipt of such notice, shall immediately discontinue all services in connection with the performance of this Agreement and shall proceed to cancel promptly all existing orders and contracts insofar as such orders or contracts are chargeable to this Agreement.
- 11.3 The Consultant shall, as soon as practicable after receipt of notice of termination, submit a statement showing in detail the services performed and payments received under this Agreement to the date of termination.
- 11.4 The Owner shall then pay the Consultant promptly that portion of the prescribed fee to which both parties agree.
- 11.5 Consultant fully acknowledges that no payment will be made for any work performed or expenses incurred after receipt of the termination by either party unless mutually agreed upon in writing.
- 11.6 Failure to meet agreed delivery dates or authorized extensions are considered substantial failures and breach of this contractual agreement by Consultant.
- 11.7 This agreement shall automatically terminate upon satisfactory completion of all services and obligations described herein or three (3) years from the date of its execution, whichever event occurs first.

12.0 NON-APPROPRIATION CLAUSE

Notwithstanding any other provision of this AGREEMENT, if the Owner does not receive the sufficient funds to fund this AGREEMENT and other obligations of St. Charles Parish, if funds are de-appropriated, or if the Owner does not receive legal authority to expend funds from the St. Charles Parish Council, then the Owner is not obligated to make payment under this AGREEMENT.

13.0 INSURANCE

- 13.1 The Consultant shall secure and maintain at his expense such insurance that will protect him and the Owner, from claims under Workmen's Compensation Acts and from claims for bodily injury, death or property damage which may arise from performance of services under this Agreement. Insurance for bodily injury or death shall be in the unencumbered amount of \$1,000,000.00 for one person and not less than \$1,000,000.00 for all injuries and/or deaths resulting from any one occurrence. The insurance for property damage shall be in the unencumbered amount of \$1,000,000.00 for each accident and not less than \$1,000,000.00 aggregate.
- 13.2 The CONSULTANT shall also secure and maintain at his expense professional liability insurance in the unencumbered sum of \$1,000,000.00.
- 13.3 All certificates of insurance SHALL BE FURNISHED TO THE OWNER and shall provide that insurance shall not be cancelled without ten (10) days prior written notice to the Owner. The Owner may examine the policies.
- 13.4 CONSULTANT shall include all subconsultants as insured under its policies or shall furnish separate certificates for each. All coverages for subconsultants shall be subject to all the requirements stated herein.
- 13.5 CONSULTANT shall secure and maintain at its expense Comprehensive Automobile Liability - Bodily Injury Liability \$1,000,000.00 each person: \$1,000,000.00 each occurrence. Property Damage Liability \$1,000,000.00 each occurrence. The Comprehensive Automobile Liability policy must have coverage for loading and unloading and must include owned, hired and leased autos.
- 13.6 St Charles Parish shall be named as an additional insured on general liability insurance policies.
- 13.7 For all purposes under Louisiana law, the principals of this Contract shall be recognized as the statutory employer of all contract employees as provided in LSA-R.S. 23:1061.

13.8 Insurance policies shall be endorsed to provide for a waiver of subrogation in favor of St. Charles Parish for worker's compensation policies. The certificate of insurance shall reference the waiver of subrogation endorsement.

13.9 The Worker's Compensation Policy Territory Coverage must include Louisiana.

14.0 INDEMNIFICATION

Consultant shall indemnify and hold harmless the Owner, its employees, agents and representatives, against any and all claims, demands, suits or judgments for sums of money to any party for loss of life or injury or damages to person or property growing out of, resulting from or by any reason of any negligent act by the Consultant, its employees, agents, servants or representatives, while engaged upon or in connection with the services required or performed hereunder.

15.0 WARRANTY

15.1 Consultant warrants that it will perform its design services with the degree of skill and to the standard of care required of the consulting profession to meet all Federal, State and Local requirements.

15.2 If Consulting Services for project designed by Consultant does not meet those requirements noted herein above, then to the extent that this occurs as a direct result of Consultant's failure to meet the standard of care in its design services, Consultant will indemnify the Parish for Consultant's share of the costs incurred to bring Consulting Services for project to the limitations mandated.

15.3 The obligations expressed in Section 14 above in no way limit the Consultant's obligations expressed elsewhere in this Contract.

16.0 EXCLUSIVE JURISDICTION AND VENUE

For all claims arising out of or related to this agreement, CONSULTANT hereby consents and yields to the exclusive jurisdiction and venue of the Twenty-Ninth Judicial District Court for the Parish of St. Charles, State of Louisiana, and expressly waives any (a) pleas of jurisdiction based upon Consultant's residence and (b) right of removal to Federal Court based upon diversity of citizenship.

17.0 COMPLIANCE WITH FEDERAL AND STATE LAWS

CONSULTANT further agrees to comply with all federal and state laws, including those identified in Attachment "D" (if applicable).

18.0 CERTIFICATION OF COMPLIANCE WITH LA R.S. 38:2216.1 & 39:1602.2

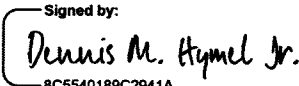
In accordance with La R.S. 38:2216.1 and 39:1602.2, Contractor agrees that it does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on the entity's or association's status as a firearm entity or firearm trade association. Further, Contractor agrees that 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.

19.0 OTHER

This Agreement constitutes the entire agreement between the parties. There are no understandings, agreements, or representations, oral or written, not specified within this Agreement. This Agreement may not be modified, supplemented or amended in any manner, except by written agreement signed by both parties.

WHEREOF, the parties to these presents have hereunto caused these presents to be executed the day, month and year first above mentioned.

CRESCENT ENGINEERING & MAPPING

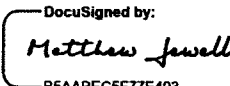
By:  Signed by:
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Name: Dennis Hymel

Title: President/Member

Date: 8/19/2025

ST. CHARLES PARISH

By:  DocuSigned by:
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Name: Matthew Jewell

Title: Parish President

Date: 8/19/2025

ATTACHMENT “A”

Riverbend Subsurface Drainage Parish Project No. P250702

Project Scope:

CONSULTANT shall perform the scope of services described in the following paragraphs.

St. Charles Parish has requested Crescent Engineering & Mapping, LLC to provide a drainage solution for the Riverbend drainage area. Crescent Engineering & Mapping LLC will provide the following services:

1. Construction drawings and specifications for bid, which include editing the model and an estimated 25-page plan set, assuming letter bid with Parish purchasing culverts.
2. Final Servitude plats with permanent and temporary servitudes along with the appraisals for all and descriptions needed for acquisition.
3. RFI reviews during bidding, light contractor coordination/assist with pay applications and shop drawing review (no inspection).

A. PRELIMINARY DESIGN PHASE

Upon written acceptance by OWNER of the Conceptual Report, selection by OWNER of a recommended solution, and upon written authorization from OWNER, CONSULTANT shall:

- a. Prepare Preliminary Design Phase documents consisting of final design criteria, preliminary drawings, and outline specifications. Visit the Site, as needed, to prepare the Preliminary Design Phase documents.
- b. Coordinate all surveys and other investigations (see Additional Services) as may be required to prepare construction plans. Investigations and/or surveys shall locate existing utilities (private and public) affected by the project and shall locate and define such utilities sufficiently in the event that utilities have to be relocated.
- c. Prepare a program of borings and other soil investigations that may be required.
- d. Provide written notice to all utility companies (private and public) about the project and request utility “as-built” information from them.
- e. Advise OWNER if additional reports, data, information, and/or services not already identified in the Conceptual Phase which are necessary and assist OWNER in obtaining such reports, data, information, and/or services.
- f. Based on the information contained in the Preliminary Design Phase documents, prepare a revised opinion of probable Construction Cost.

- g. Obtain and review OWNER's contract documents and OWNER specifications for inclusion within the final contract, plans and specifications. CONSULTANT shall also consult with OWNER in regards to OWNER policies and practices in regard to contract administration and construction management.
- h. Furnish three review copies of the Preliminary Design Phase documents and revised opinion of probable Construction Cost to OWNER as well as submitting electronically to appropriate parties specified by OWNER. CONSULTANT's services under the Preliminary Design Phase will be considered complete on the date when CONSULTANT has delivered to OWNER the final Preliminary Design Phase documents and opinion of probable Construction Cost.

B. FINAL DESIGN PHASE

Upon written acceptance by OWNER of the final Preliminary Design Phase documents and upon written authorization from OWNER, CONSULTANT shall:

- a. Prepare Final Drawings and Specifications indicating the scope, extent, and character of the Work to be performed and furnished by CONTRACTOR.
- b. These Drawings shall include locations of all utilities affected, with ownership and rights-of-way where required. The existing and ownership of any existing utilities shall be determined by contacting each utility provider in writing to obtain such records as may be available and information from the survey. Coordinate with said utility companies on the adjustment, relocation, or removal of existing utility lines and structures within the project that are in conflict with the proposed improvements.
- c. Visit the Site as needed to assist in preparing the Final Drawings and Specifications.
- d. Prepare necessary applications for permits for submission for approval of local, state, and federal authorities.
- e. Prepare a detailed Final Cost Estimate.
- f. Furnish for review by OWNER three copies of the Final Drawings, Specifications, and Cost Estimate as well as submitting electronically to appropriate parties specified by OWNER. OWNER shall submit to CONSULTANT any comments regarding the furnished items, and any instructions for revisions. CONSULTANT's services under the Final Design Phase will be considered complete on the date when CONSULTANT has delivered to OWNER the Final Drawings, Specifications, and Cost Estimate.

PART 2 – ADDITIONAL SERVICES

A. SURVEY

CONSULTANT shall obtain a contract with a Licensed Professional Surveyor to complete the work as outlined in the scope of survey work the CONSULTANT developed in the Preliminary Design Phase of the project. The survey's purpose is to locate all existing features both manmade and natural, above ground and subsurface within the project limits. The survey shall include the following elements:

1. Established baselines and temporary benchmarks along the project corridor and specified datums used,
2. Utilities as shown after contacting Louisiana One Call,
3. Descriptions, locations, depths, and sizes of all pipes within the project,
4. Descriptions, locations, diameters of all trees within the project,
5. Ground elevations within the project limits to properly develop contours,
6. Locations of all buildings, fences, and other structures,
7. Cross sections along roadways at 100-foot intervals minimum,
8. Cross sections along ditches at 50-foot intervals minimum,
9. Locations of all apparent rights-of-way and servitudes.

Survey shall be submitted to the Parish both in PDF and CAD format.

Data Collection and Processing:

1. Spatial data collected for projects shall be referenced to the updated NAD83 and NAVD88 reference datums established by NOAA (National Oceanic and Atmospheric Administration). Monumentation shall be set in an area outside the construction limits so as not to be disturbed during the construction phase. Existing control monumentation located within the vicinity may be used in lieu of setting new monuments. Field observations data must be processed and delivered to the Parish and comply with the specific deliverables requirements defined below.

Project Control:

1. Information on project control monuments that are applicable to the survey/project limits shall be provided by contractors, designers, engineers, or surveyors. This documentation should be labeled or clearly defined as Datum and Control.
2. Monument documentation must include source documentation such as Report of Survey Mark or NGS (National Geodetic Survey) Data Sheet and should remain in

its original format as well as retain its original name as provided by the source. Monument maps may be scanned and the electronic scan treated as the source. PDF is the preferred format for scanned monument maps, although jpg and tif files are also acceptable.

3. All existing monuments used in the establishment of the project control network must have documentation as described above.
4. The Surveyor shall acquire the elevation and datum of all bench marks to be used in the survey. The elevation used shall be based on the updated NAD83 and NAVD88 reference datums.

Survey Data Deliverables:

1. A complete survey package as described below must be submitted by assembling all the appropriate electronic information used to conduct the survey. These documents should indicate the following (where applicable) for project control monuments:
 - a. Designation - the “name” of the mark used.
 - b. CORS Identifier - the mark is either a Continuously Operational Reference Station (CORS) or is associated with one.
 - c. PID - Permanent Identifier
 - d. GEOID – Geoid model used (ex. 12B)
 - e. Epoch – ex. 2010
 - f. Latitude/Longitude – X,Y; Northing/Easting; State Plane Louisiana South FIPS1702 (Feet)
 - g. Orthometric Height – Z (Feet)
 - h. Horizontal Datum – ex. coordinates in North American Datum (NAD 1983)
 - i. Vertical Datum – ex. North American Vertical Datum (NAVD 88) elevation (if measured)
 - j. Horizontal and vertical accuracy
 - k. Units
 - l. Scale factor

B. GEOTECHNICAL INVESTIGATION

CONSULTANT shall obtain a contract with a Licensed Louisiana Geotechnical firm to complete the work as outlines in the scope of geotechnical work the CONSULTANT developed in the Preliminary Design Phase of the project. The geotechnical investigation purpose is to determine the properties of the soil in the project area. The geotechnical investigation shall include the following elements:

1. (1) one to (2) two undisturbed soil borings located within proximity to the project location
2. The borings are to be classified and analyzed as necessary in accordance with accepted industry practices for foundation design
3. Subsurface exploration data to include soil profile, exploration logs, lab or in-situ test results, and ground water conditions
4. Engineering recommendations for design such as pile depth, sheet pile design, etc. and recommendations to be project specific
5. The boreholes are to be backfilled and road surfaces patched in accordance with DOTD requirements (Purple book or later).

C. PERMITTING

CONSULTANT shall develop permit drawings, applications, supporting information and obtain all permits as required for the project, including, but not limited to, the following:

1. Wetland Delineation, submitting for a Jurisdictional Determination of any wetlands
2. U.S. Army Corps of Engineers (Section 404 permit)
3. LA Wildlife & Fisheries (Scenic Rivers permit)
4. LA Department of Health (LDH)
5. LA Department of Environmental Quality (LDEQ)
6. Cultural Resources
7. Railroad Permitting

CONSULTANT shall also attend permit meetings as necessary and address all questions and comments received from any agency to ensure receipt of all necessary approvals.

ATTACHMENT "B"

Riverbend Subsurface Drainage Parish Project No. P250702

Project Schedule:

The CONSULTANT shall complete the following phases of the project within the number of days shown after Notices to Proceed:

	<u>Number of Days to Complete</u>
Preliminary Analysis	60
Final Deliverables	30

Time for Completion

1. If, through no fault of CONSULTANT, such periods of time or dates are changed, or the orderly and continuous progress of CONSULTANT's services is impaired, or CONSULTANT's services are delayed or suspended, then the time for completion of CONSULTANT's services shall be adjusted equitably.
2. If OWNER authorizes changes in the scope, extent, or character of the Project or CONSULTANT's services, then the time for completion of CONSULTANT's services shall be adjusted equitably.
3. If CONSULTANT fails, through its own fault, to complete the performance required in this Agreement within the time set forth, as duly adjusted, then OWNER shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.

ATTACHMENT “C”

**Riverbend Subsurface Drainage
Parish Project No. P250702**

OWNER shall pay CONSULTANT a Lump Sum amount of \$86,544.40 for the Design Memorandum in accordance with Attachment “A” portion of the project.

- a. The Lump Sum includes compensation for CONSULTANT’s services and services of CONSULTANT’s SUBCONSULTANTS, if any. Appropriate amounts have been incorporated in the Lump Sum to account for labor costs, overhead, profit, expenses, and CONSULTANT charges.

LABOR AND EQUIPMENT FEE SCHEDULE

Effective: 7/1/2025 Expires: 12/31/2025

PROFESSIONAL STAFF:

Principal	\$188.00	Per Hour
Supervising Engineer	\$182.00	Per Hour
Professional Engineer III	\$174.00	Per Hour
Professional Engineer II	\$159.00	Per Hour
Professional Land Surveyor	\$164.00	Per Hour
Sr. Project Manager	\$130.00	Per Hour
Professional Engineer I	\$132.00	Per Hour
Pre-Professional	\$98.00	Per Hour
Sr. Technician/Designer	\$124.00	Per Hour
CADD Technician	\$92.00	Per Hour
CADD Drafter	\$76.00	Per Hour
Clerical/Administrative	\$68.00	Per Hour

FIELD STAFF:

Party Chief	\$79.00	Per Hour
Instrument Man	\$59.00	Per Hour
Rodman	\$43.00	Per Hour
Construction Project Rep.	\$92.00	Per Hour
Certified Bridge Inspector	\$171.00	Per Hour
Bridge Inspector Assistant	\$108.00	Per Hour

EQUIPMENT*:

Electronic Metal Detectors	\$48.00	Per Day
Conventional Total Station	\$175.00	Per Day
GPS (RTK) Total Station	\$395.00	Per Day
Robotic Total Station	\$380.00	Per Day
Digital Level	\$185.00	Per Day
16' Skiff with Surface drive	\$375.00	Per Day
18' Skiff with Surface drive	\$475.00	Per Day
Survey/Inspection Vehicle	\$16.50	Per Hour
All-Terrain Utility Vehicle	\$325.00	Per Day
Deep Rod Installation System	\$165.00	Per Day
Temporary Traffic Control	\$TBD	Per Site Requirements
Utility Trailer (12-18')	\$85.00	Per Day

MATERIALS/MISC:

Stakes (1"x2"x4')	\$1.25	Each
Flagging	\$2.00	Per Roll
Field/Marking Paint	\$9.50	Per 15 oz. Can
Cane Poles (6'-12')	\$5.00	Each
Iron Rods (w/ Concrete & Cap)	\$185.00	Each
½" Iron Rods x 24"	\$16.00	Each
¾" GIP x 18" long	\$26.00	Each

MATERIALS/MISC. (CONTINUED):

9/16" Stainless Deep Rods	\$36.00	Per Foot
B&W Prints (LTR/LGL)	\$0.10	Each
Color Prints (LTR/LGL)	\$0.75	Each
B&W Prints (11x17)	\$0.25	Each
Color Prints (11x17)	\$1.00	Each

Notes: * Equipment rates include maintenance and insurances and are based upon equipment being operated by Crescent personnel in support of professional services rendered. Raw equipment leases/rentals are not available. All personnel, equipment and materials listed herein may not be available at all times.

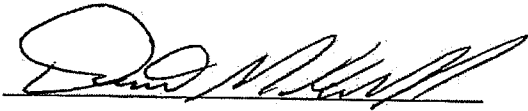
Terms and Conditions

1. When using this fee schedule, overtime for non-exempt personnel shall be charged after 40 hours per week, Monday through Sunday, at the normal rate plus 50%.
2. This fee schedule shall be considered privileged and confidential and shall not be transmitted, in whole or in part, to any organization or person outside of the direct employment of Crescent Engineering & Mapping, LLC's (Crescent's) Client without the prior written consent of Crescent.
3. Third-party services, subconsultants and expenses provided by Crescent on behalf of the Client while engaged under this contract shall be invoiced at cost plus fifteen (15%) percent.
4. Professional services provided in the immediate aftermath of a natural or man-made disaster shall be subject to special hazard rates for personnel and equipment. Special subsistence, travel and/or lodging rates may also apply.
5. The Global Positioning System (GPS) is the property of and is operated by the U.S. Department of Defense. As is such, Crescent Engineering & Mapping, LLC shall not be held responsible for any defects or omission of positioning directly related to the GPS.
6. The standard of care for all professional services performed or provided by Crescent Engineering & Mapping, LLC under this fee schedule will be the care and skill ordinarily used by members of the profession practicing under similar circumstances at the same time and locality. Crescent Engineering & Mapping, LLC represents that, to the best of its knowledge, ability and professional judgement that all work will be performed in a safe and workmanlike manner and that Crescent Engineering & Mapping has sufficient equipment in good condition and personnel capable of safely operating such equipment while performing professional services for the Client.
7. Unforeseen global, market and economic conditions and/or volatility may require revisions to this fee schedule. Should these conditions arise prior to the expiration date fixed above, Crescent Engineering & Mapping, LLC will provide the Client written notification of such conditions with justification for any items affected by said conditions.

CORPORATE RESOLUTION

The undersigned, being the sole Manager/Member of Crescent Engineering & Mapping, LLC, existing under the laws of the State of Louisiana, does hereby certify that at a meeting of Members of the firm, duly called and held on July 9th, 2025, at which a quorum was present, the Members adopted the following resolution, which has not been modified nor rescinded:

Be it resolved that, Dennis M. Hymel, Jr., President and Manager of Crescent Engineering & Mapping, LLC, is empowered, directed and given the authority to, on behalf of Crescent Engineering & Mapping, LLC, to execute any and all contracts, bids, proposals, guarantees, loans and agreements.



Dennis M. Hymel, Jr.

Manager/Member

Crescent Engineering & Mapping, LLC

SWORN TO AND SUBSCRIBED BEFORE me this 10th day of JULY, 2025.



SAMUEL J. ACCARDO, JR.

NOTARY PUBLIC

LA. BAR ROLL #24007

LIFETIME COMMISSION

