

CITY OF BAKER, LOUISIANA
BRUSHY BAYOU DRAINAGE PROJECT
FEMA Project 4277-39

REQUEST FOR QUALIFICATIONS
ENGINEERING SERVICES

Published November 23, 2020

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**REQUEST FOR QUALIFICATIONS – ENGINEERING SERVICES
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SECTION 1
NOTICE TO ENGINEERING FIRMS

The City of Baker, LA is seeking qualifications from professional engineering firms to provide design and construction phase services related to FEMA Disaster 4277 and the approved flood mitigation project entitled Brushy Bayou Drainage Project. This project will be funded through FEMA's Hazard Mitigation Grant Program (HMPG CFD 97.039).

Proposals should be prepared simply and economically providing a straightforward and concise description of the Respondent's ability to meet the requirements of the RFQ. They become the property of the City of Baker, LA once reviewed whether awarded or rejected. All information contained in the Respondent's proposal is subject to disclosure under the provisions of Public Act No. 442 of 1976, *Freedom of Information Act* except where specifically exempted.

Firms and/or individuals responding should have experience with federally-funded programs and be licensed to practice in Louisiana.

The City is exempt from sales taxes. The successful Respondent shall be responsible for all applicable sales and use taxes.

All proposals shall include references. The City reserves the right to contact any of the references included in the proposal submitted as well as the representatives of any of projects submitted under past experience.

All proposals shall include evidence of current general and professional liability insurance.

This RFQ is not a bid and, therefore, no formal bid opening will be held. The intent of this RFQ is to determine the most qualified and cost-competitive firm(s) or individuals interested in this project. Responses will be evaluated using a point system described in Section 5 by a Selection Committee composed of staff members from various departments of the City.

The City of Baker reserves the right to:

- a. select a Respondent without an interview;
- b. select the top ranked Respondents to present their qualifications and approach at an oral presentation;
- c. reject any proposal it determines to be unresponsive and deficient in any of the information requested; and/or
- d. negotiate with all persons or firms submitting a Statement of Qualification in accordance with the laws of the State of Louisiana and the United States.

Neither the City nor their representatives shall be liable for any expenses incurred in connection with the preparation of a response to this RFQ.

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Small and minority businesses, women's business enterprises and labor surplus area firms are encouraged to submit qualifications. Firms using subcontractors must solicit such firms in the subcontracting process. The City of Baker is an Equal Opportunity Employer; all bids must be in compliance with 2 CFR 200 Appendix II(C), 200.327-329, Appendix II(I), 200.336, 200.333, Appendix II(J) *See* 200.322, 200.325, Appendix II(D), Appendix II(B), Appendix II(E) and Appendix(G).

The City shall not be required to award a contract to any of the Respondents that submit a SOQ in response to this RFQ. At its sole and absolute discretion, the City shall determine the successful Respondent, if any. Reasons for non-award of this contract may include, but are not limited to, dissatisfaction of the submitted proposals, insufficient interest from Respondents, withdrawal of one or more of the grants or funding sources anticipated being used to fund the project.

SECTION 2
SCHEDULE

The RFQ schedule and related deadlines are as follows:

Advertisement in Official Journal	
Notice to SMWBE & LSAF	
Posting on City's website	
Notice to other media sites	Nov 23, 2020
Receipt of written inquiries/clarifications	Nov 30, 2020
Response to written inquiries/clarifications	Dec 4, 2020
Receipt of Statement of Qualifications	Jan 8, 2021
Interviews (if deemed necessary)	Jan 12-15, 2021
Award to Successful Respondent	Jan 20, 2021
Execution of Contract	Jan 28, 2021

SECTION 3

INSTRUCTIONS TO RESPONDENTS

Delivery

Interested firm(s) should submit three (3) paper copies and one (1) .pdf copy of their Statement of Qualifications clearly marked on the front cover with, “RFQ-FEMA 4277-39”. Responses should be addressed to

Ashley Batts, Purchasing Agent
City of Baker, Louisiana
P O Box 707
Baker, LA 70704.

They may also be hand-delivered to 3325 Groom Road in Baker, LA. Hand-delivered proposals must be date/time stamped by the City’s receptionist to be considered. Delivery method must ensure that responses be physically received on or before the date indicated in the Schedule.

Questions/Clarifications and Subsequent Addenda

A pre-proposal meeting will not be held. Questions or clarifications of RFQ requirements shall be submitted via email by the date indicated in the Schedule to abatts@cityofbakerla.com with a copy to rbond@cityofbakerla.com. Please include ‘RFQ FEMA 4277-39 Inquiry’ in the subject line. Should you not receive a response within 48 hours, please contact Ashley Batts at 225-778-1751 to ensure that your email was received.

All interpretations, corrections or additional RFQ provisions that the City may decide to include will be made as an official addendum posted on its website (www.cityofbakerla.com) for all parties to download. It is the Respondent’s responsibility to determine that it has received any addendums before submitting a response. Failure to receive any official addendum(s) shall not relieve the Respondent of the responsibility for complying with the terms thereof. The City will not be bound by oral responses to inquiries or written responses other than written addenda.

Interviews

The City may request interviews with one or more Respondents giving the opportunity to discuss qualifications, past experiences, proposed scope of work and fees in more detail. Such interviews will be held January 12-15, 2021. Selected Respondents are selected to be available on one of those days.

Debarment and Suspension

Along with your Statement of Qualifications, you also must include verification that your company (as well as the company’s principal and any subcontractors) is not listed (i.e., is not debarred) through the Federal System for Award Management (www.SAM.gov). Please include a printed copy of the search results that includes the record date.

Award Protests

Any protests regarding the award of this RFQ must be in writing to the Purchasing Agent within five (5) business days of the award date. It must clearly state the reason(s) for the protest. The

Purchasing Agent will provide the Respondent with the appropriate instructions for filing a protest. It will be reviewed by the City Attorney or his/her designee whose decision shall be final.

Small and Minority Businesses, Women's Business Enterprises and Labor Surplus Area Firms

The Respondent shall, in accordance with 2 CFR 200.321 demonstrate the intended roles of SMWBE & LSAF for the project, demonstrate an ability to give priority to and show how qualified SMWBE & LSAF services would be utilized in the project team. The selected Respondent shall be responsible for providing appropriate SMWBE & LSAF documents during negotiations. Specific steps to fulfill this vendor diversity requirement include:

- Placing qualified small and minority businesses and women business enterprises on solicitation lists
- Assuring that small and minority businesses and women business enterprises are solicited whenever they are potential sources
- Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit participation by small and minority business and women's business enterprises
- Establishing delivery schedules – where the requirement permits – which encourage participation by small and minority businesses and women's enterprises
- Using the services and assistance, as appropriate, of such organizations as the Small Business Administration (SBA) and the Minority Business Development Agency of the U.S. Department of Commerce (DOC); and
- Requiring the Prime Contractor, if subcontracts are to be let, to take the affirmative steps listed in items (1) through (5) of this section.

Size of Statement of Qualifications

The total size of the SOQ submitted should be on 8.5" x 11" paper and no more than 30 pages, single-sided, in length. Certificates of liability and professional insurance do NOT count towards the RFQ page count. If concept plans and schedules are provided, they may be on 11" x 17" paper and will count for only one (1) page. Supplemental information is limited to 20 pages, must be separate from the base proposal and must clearly be labeled as "Supplemental Material". A digital copy shall be provided in PDF format and all RFQ information should be submitted as a single file. Any additional information supplemented to the RFQ should be submitted in PDF format in a separate single file.

SECTION 4

PROJECT DESCRIPTION AND CONCEPTUAL PLAN

Project Description

The City of Baker is subjected to backwater flooding due to the eventual confluences of Brushy Bayou with the Comite/Amite Rivers. It is drained by a system of canals that carry stormwater to the Whites Bayou then ultimately to the Amite/Comite Rivers. The upper reaches of these rivers are also subjected to headwater flooding which is caused by high-intensity and usually short duration rainfall that produces high flood elevations with little to no warning. Approximately one-half of the surface area within the city limits drains directly or indirectly into the Brushy Bayou Canal. The canal consists of approximately one (1) mile of a natural earthen channel inside the city limits. It was estimated that approximately 50% of the flood damage from the August 2016 Floods can be attributed to backwater and headwater flooding from this canal system. The primary cause of the condition is the inability to carry as much water through the canal (earthen channel) as can discharge through the outlet at the river.

Conceptual Plan

This project consists of deepening and widening the bayou to improve flow characteristics and capacity. The channel bank will be armored to stabilize the slopes and prevent erosion. This measure will allow stormwater to leave the canal system faster and reduce the occurrence of backwater and headwater flooding. Phase I includes all non-construction activities such as H&H study, engineering, design, permitting, geo-tech and surveying. Phase II will provide for all construction activities.

The Brushy Bayou Drainage project area encompasses approximately five (5) acres of earthen drainageway. Geographically, the project starts at the source of the channel located at Lat. 30.588331, Long. -91.159732 and extends east to the point where it flows into White's Bayou at Lat. 30.590696, Long. -91.145398. The bayou runs parallel to Groom Road which is a major thoroughfare for travel from one side of the City to the other. The City's main fire station, police/court annex and municipal center are located on Groom Road as well as four (4) schools. Groom Road floods and becomes virtually impassable every time there is a high intensity rain event. The stormwater runoff from Groom Road drains directly into Brushy Bayou.

The project will involve researching the given and securing the necessary servitude/rights of way to accommodate the excavation of the earthen material to increase the capacity and flow of Brushy Bayou. Its purpose is to prevent local flooding due to excessive, high intensity rainfalls as well as to reduce flood risk and erosion by providing stable reaches. The project will help restore and enhance the floodplain, stream channel and riparian ecosystem's natural function. This project should also mimic pre-development channel flow and floodplain connectivity.

SECTION 5

QUALIFICATIONS AND SELECTION PROCESS

Through this RFQ, the City of Baker, LA will select the most qualified Respondent to provide recommendations moving forward and associated engineering/landscaping and design services, incorporate the City of Baker's Long Term Recovery Plan, permitting, survey work, FEMA Hazard Mitigation Grant Program (HMGP) assistance as required, other agency grant assistance as required and draft long-term operation and maintenance plans for the Brushy Bayou Drainage Project.

The selected Respondent will complete due diligence research, a preliminary engineering report or Basis of Design and be capable to perform detailed design and other items necessary for putting the project out to bid for construction upon design completion. The Respondent should also be capable of providing all services and items associated with construction engineering and inspection (CEI) services and be familiar with HMGP project application criteria/requirements and recipient compliance requirements.

Each Respondent who submits its SOQ in response to this RFQ accepts the evaluation process as outlined below.

Item 1 General Qualifications and Availability **15 points**

Provide legal name of firm(s), business form (individual, partnership, corporation, etc.), location of the office that will be conducting the work and description of primary business including background and history, organizational structure, QA/QC program and the number of employees. This section should contain any additional information about the firm that the Respondent feels will assist the City in better understanding the interest and unique qualifications of the firm. Prior experience with like projects funded through federal and/or state grant programs is relevant.

Provide a statement on the availability and commitment of the firm(s), its principal(s) and assigned professionals to undertake the project and reporting responsibilities. Include the method of communicating with the City throughout the project.

Item 2 Proposed Staff **25 points**

Identify by name and role the key team members to be assigned or employed to manage the project including a resume for each one. Provide an organizational chart for personnel and any subcontractors, if utilized, that will work on this project indicating those that have previous experience with similar projects. Resumes of key technical/environmental/permitting personnel should be included. The SOQ shall identify the primary day-to-day contact and the following two alternate personnel to be assigned to the project. Significant effort should focus on highlighting the relevant qualifications and past experiences of project managers, team members and technical/environmental/permitting personnel comparable to the size and type of this project. The proposal shall also identify all team members employed by Veteran/Minority/Women Owned businesses.

Item 3 Project Experience

40 points

At a minimum, demonstrate how your firm meets the following qualifications:

a. A minimum of five (5) projects involving professional stormwater/water resource/bioengineering/engineering with a minimum of three (3) involving flood mitigation solutions and three (3) including stream and wetland design project examples. Each project reference should include the project name/locations, a short description of the scope of work, the engineering and landscaping approach, the engineering and budget amount, the actual final project cost with detailed cost savings or cost increases, the timeframe required for completion and any exceptional successes or challenges encountered during the duration of the project. Please provide the client name and contact information for reference purposes.

b. Knowledge of available funding sources and grants for similar work.

c. Methods to be utilized in tracking work progress, budgets and adherence to deadlines.

Item 4 Project Approach

20 points

Explain how the firm(s) will assess and design the project including a detailed work plan listing all tasks determined necessary and resources needed for each task (title and hours). It should be sufficiently detailed to identify the progress milestones to be completed.

The Respondent shall demonstrate ability to provide turnkey design, construction documents, permitting, bidding, construction administration services and public outreach as required for the project. Work may include, but shall not be limited to:

1. Prepare and assist in grant administrative support

2. Perform due diligence which can encompass the following, but is not limited to

a. Preliminary permitting research for all governing agencies (USACE, FEMA, DOTD, LDEQ City of Baker Water, City of Baker Public Works, East Baton Rouge Parish, etc.)

b. Easement research

c. Environmental Impact (wetland impact, wetland remediation, etc.)

d. Research and identify potential Grant Funding opportunities

e. Evaluate site conditions

f. Evaluate existing stream condition including visual stream inspection and water quality testing

g. Perform necessary field investigation

h. Geotechnical investigation and analysis

i. groundwater impacts and analysis

j. determine land requirements

k. determine real estate values

l. Identify potential downstream impacts, required real estate, etc.

m. Consider and evaluate alternate feasible solutions

n. Review, update and develop Hydrologic and Hydraulic model

3. The Respondent will prepare and submit plans for review at 30%, 60%, 90% and 100% levels of completeness. Plans should contain, but not be limited to the following:

a. Title Sheets including a Location Plan (1" = 500'), Index or List of Drawings, appropriate approval signatures, and the professional engineer stamp, registered in the State of Louisiana, of the Respondent's Project Manager.

b. A Storm Water Pollution Prevention Plan (SWPPP) shall be provided for the construction of the project. The SWPPP shall be submitted to the LDEQ for review and comment. An approved SWPPP from the LDEQ is required before the Respondent will be fully compensated.

c. Plan and profile sheets for existing features and demolition, proposed stream alignment, proposed site layout plan, proposed grading plan, existing and proposed stream profile and cross sections (showing stream bed and surface water elevations), proposed planting plan, utility relocation plan and profiles, and proposed downstream improvements with plan and profile(s), and necessary cross sections. Baseline survey including benchmark and control point locations. Benchmark and control point tie-off diagrams shall also be provided.

d. Construction detail sheets showing stream development and restoration techniques to be installed.

4. Perform a topographic, boundary and utility survey of the project site to establish a baseline for project stationing and all geometrics to be referenced. The Respondent shall locate critical elevations and establish a reference benchmark circuit for all design and potential construction. The Respondent shall locate all existing utilities, and all pertinent property, right-of-way, and existing easement lines. The survey shall include an appropriate number of stream channel cross sections for all phases that will provide the necessary data needed to complete restoration design details. All elevations and horizontal coordinates are to be referenced to State Plane (US Feet).

5. Utilize natural stream channel and wetland restoration techniques (bioengineering) for stream restoration when possible.

6. Minimize disturbance to existing natural vegetation in design for accessing the site and restoring when possible.

7. Schedule and manage progress meetings with the CITY and/or their appointed representatives. The Respondent shall prepare Status Reports for each meeting as well as produce all meeting minutes. The Status Report shall include at a minimum:

- a. Current scope of work completion status versus anticipated status,
- b. Summary of budget status,
- c. Project information and decision needs including the anticipated source, expected response,
- d. Time and any issues or problems that could delay the expected response,
- e. Anticipated tasks and accomplishments for the coming reporting period,
- f. Questions, comments, problematic issues and suggestions,
- g. Identification of out of scope task work, and
- h. Invoicing issues and proposals to address such issues.

8. Provide calculations and quantities for soil excavation associated with this project, if applicable.
9. Prepare and submit all necessary local, parish, state and federal permits and certifications for the project construction (such as, but not limited to):
 - a. United State Army Corp of Engineers (USACE) permitting under the Clean Water Act
 - b. State of Louisiana
 - c. East Baton Rouge Parish
 - d. Amite River Basin Commission
 - e. City of Baker Public Works
 - f. City of Baker Permit
 - g. LDEQ and Stormwater Pollution Prevention Plan (SWPPP)
10. Prepare construction documents and assist in bidding. Responsibilities include developing and finalizing cost estimates prior to bid, prepare necessary bid advertisements, develop and produce construction documents for bidders, attend Pre-Bid Meetings, answer design questions, prepare addenda during the bid process in its entirety, review bidders proposal for qualifications and accuracy, and provide formal recommendation for award.
11. Develop Construction and Monitoring Quality Assurance Project Plan (QAPP) to be executed during construction,
12. Provide Construction Engineering and Inspection (CEI) including executing the QAPP, attend preconstruction meeting, review shop drawings, prepare change orders, prepare revision sheets, answer design questions, evaluate substitute “or equal” items, provide appropriate on-site inspection with daily reports, and review and certify Contractor pay requests, and prepare and submit all manuals and approved shop drawings to the City.
13. Survey, maintain, and finalize As-Built drawings during and after construction.
14. Perform post-construction visual stream assessment and water quality testing and conduct a comparative analysis of the pre-construction inspection. Respondent will provide a report summarizing the inspection method, testing methods, results, quantify observed improvements or changes, and provide a conclusion detailing pre-construction and post-construction impacts.
15. Develop a Long-Term Operation and Maintenance Plan for vegetative management and an overall long-term maintenance for the entire project. The Long-Term Operation and Maintenance Plan will be reviewed by the CITY.
16. Perform post construction H/H modeling for each of the identified storm scenarios in this RFQ and develop and update floodplain mapping. Respondent will coordinate with FEMA to update floodplain mapping.

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17. The Respondent will, as required, coordinate and lead public meetings, prepare all materials, presentations, and equipment for the public meetings. The Respondent will conduct public meetings and perform other forms of outreach (letters to homeowners, HOA coordination, etc.) as necessary for the project.

18. The Respondent shall develop and maintain information for the project website utilizing ArcGIS StoryMaps or similar application in coordination with the City's website.

SECTION 6
MINIMUM SUBMISSION REQUIREMENTS

In responding to this RFQ, please submit a Statement of Qualifications addressing the following items at a minimum:

1. Transmittal Letter with:
 - a. RFQ subject
 - b. Name of the Respondent responding, including mailing address, e-mail address, telephone number, and name(s) of contact person(s).
 - c. The name of the person or person authorized to make representations on behalf of the Respondent, binding the Respondent.
 - d. A Statement of Familiarity confirming key personnel have read proposal attachments, visited the site and familiar with terrain and surrounding areas.
2. Description of the Understanding of the Project
3. Description of the Respondent Project Approach
4. Organization Description
5. Organizational Chart of Proposed Team showing names and roles of all key personnel and sub-Respondents
6. Description of “Services to be Performed” including, but not limited to:
 - a. Project Management
 - b. Stormwater/Water Resource Engineering
 - c. Stream Development/Restoration Engineering
 - d. Wetland Remediation
 - e. Hydrologic and Hydraulic Modeling/Sediment Transport
 - f. Civil Engineering
 - g. Environmental Services
 - h. Geotechnical Engineering
 - i. Surveying Services
 - j. Landscape Architecture
 - k. Public Outreach
 - l. Real Estate Services
 - m. Permitting
 - n. Construction Cost Estimating
 - o. Construction Engineering and Inspection
 - p. Additional service(s) the Respondent deems critical to complete the project

7. Assumptions and Expectations.

8. Project Resumes of at least six (6) and no more than ten (10) similar projects successfully permitted or completed projects within the last eight (8) years. A minimum of three (3) projects must be constructed and completed. Reference contacts for each project must be provided. Selected project resumes must provide a minimum of four (4) different references. At a minimum, the following information needs to be clearly conveyed:

- a. Project Name
- b. Project Location
- c. Project Organization and/or Municipality
- d. Identify if project had grant funding. If so, what agency and grant.
- e. Principal-In-Charge
- f. Project Key Personnel and sub-Respondents
- g. Project description including applicable permitting agencies, permitting experience, experience with planning and feasibility studies, design approach, and/or implementation during construction.
- h. The project status (permitted, bid, under construction or completed),
- i. Engineering services fee,
- j. Awarded and/or actual Cost of Construction
- k. Percentage of variation from initial construction estimate.
- l. Percentage of variation from initial Design and Engineering fees.
- m. Date of Completion of Construction and/or services
- n. Applicable permitting agencies for the project
- o. Client reference information with knowledge of the Respondent's work on the specified projects including contact name, current organization, address, phone number and e-mail.

9. Provide Personal Experience and Resumes of Key Personnel and sub-Respondents on the team. At a minimum, each resume should address:

- a. Name
- b. Team Role
- c. Years of Experience
- d. Firm and Location
- e. Education
- f. Other relevant Professional Qualifications
- g. Relevant Project Experience

10. Provide a matrix outlining key personnel and sub-Respondents, proposed team role for each key personnel and sub-Respondents, and identify which of the referenced projects the key personnel and sub-Respondents served in a similar or same role as proposed on this RFQ. The matrix from GSA SF330 Section G Form can be referenced as an acceptable matrix format.

11. Table of availability of key personnel categorized by "Services to be Performed"

12. A milestone schedule accounting for investigation, preliminary engineering report or basis of design, design, review processes, permitting, and bidding. At a minimum, the schedule should include: (11"x17" sheet(s) is acceptable.

- a. Notice to Proceed
- b. Due-Diligence and Investigation
- c. Grant Research and Applications
- d. Site Assessment
- e. Design QAPP
- f. Preliminary Engineering Report (or Basis of Design)
- g. Design – 30%
- h. Design – 60%
- i. Design – 100%
- j. Public Outreach
- k. City DRC Review
- l. City TRC Review
- m. Permit Applications and Approval
- n. Construction QAPP
- o. Construction Documents
- p. SWPPP
- q. Construction Bid Package

13. Demonstrate how Veteran/Minority/Women Business Enterprise (MWBE) will be utilized and included in the project. Indicate what proposed services MWBE participants would provide based on current understanding of the project.

14. Proposal shall include proof of liability and professional insurance.

15. A statement detailing why your team should be selected.

SECTION 7

GENERAL REQUIREMENTS FOLLOWING AWARD

The final award of the Project is conditional on the Respondent executing a written Contract acceptable to the City. The City reserves the right to reject any changes that may be proposed by any Respondent submitting a Statement of Qualifications.

The successful Respondent will be required to furnish within ten (10) days after receiving a written notice of award (1) Form W-9; (2) certificate of general liability insurance with a 30-day notice of cancellation and the City of Baker, LA listed as an additional insured; and (3) certificate of professional liability Insurance with a 30-day notice of cancellation.

Lobbying Certification

Prior to contract execution, certification by the successful Respondent of the following, to the best of his/her knowledge and belief, will be required:

No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, member of Congress, an officer or employee of Congress or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement and the extension, continuation, renewal, amendment or modification of any federal contract, grant, loan or cooperative agreement.

If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of an agency, member of Congress, an officer or employee of Congress or an employee of a member of Congress in connection with this federal contract, grant, loan or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.

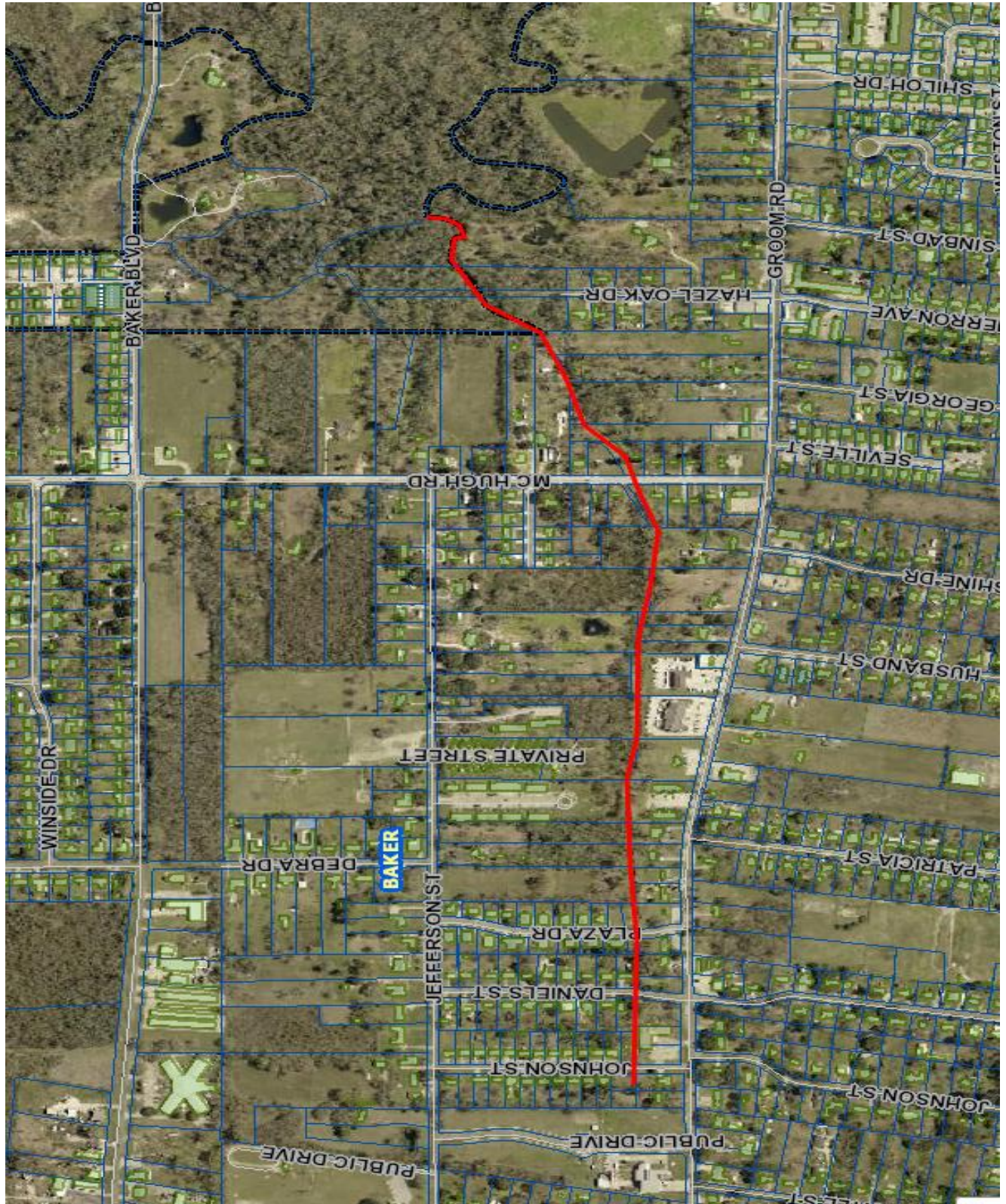
The successful Respondent shall require that the language of this certification be included in any award documents to any subcontractors and that all shall certify and disclose accordingly.

SIZE OF STATEMENT OF QUALIFICATIONS

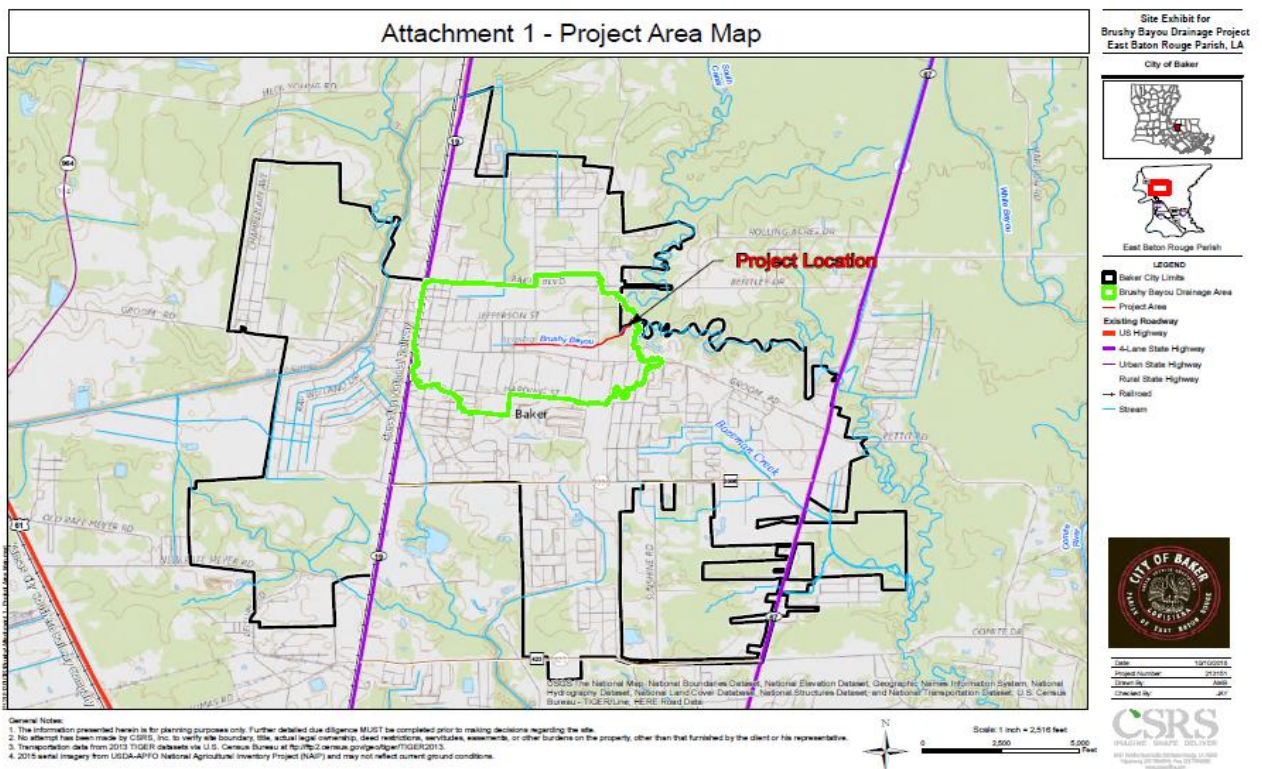
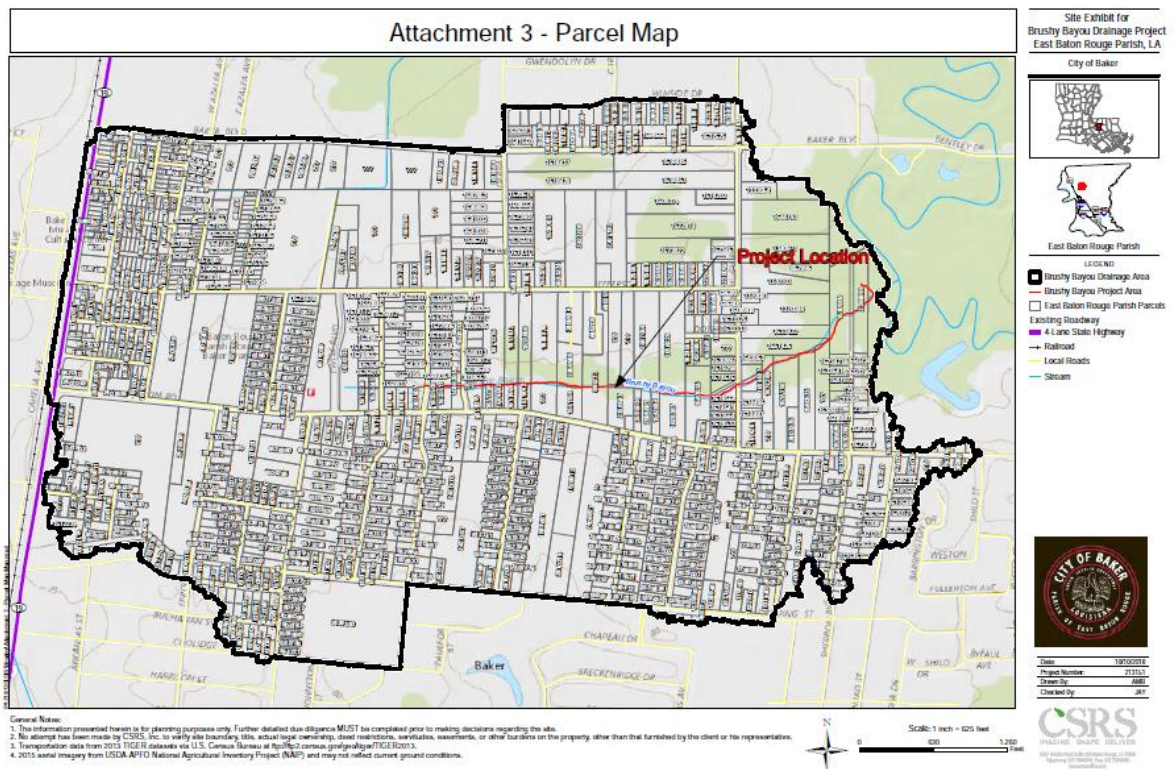
The SOQ should be no more than 30 single-sided, 8.5" x 11" pages in length. Insurance certificates do NOT count towards the page count. Concept plans and schedules that may be provided can be sized for 11" x 17" paper and count for only 1 page. Supplemental information is limited to 20 pages, must be separate from the base proposal and clearly labeled as "Supplemental Material". A digital copy shall be provided in PDF format as a single file.

**THANK YOU FOR YOUR INTEREST IN PROVIDED THE REQUESTED SERVICES
TO THE CITY OF BAKER, LA!!**

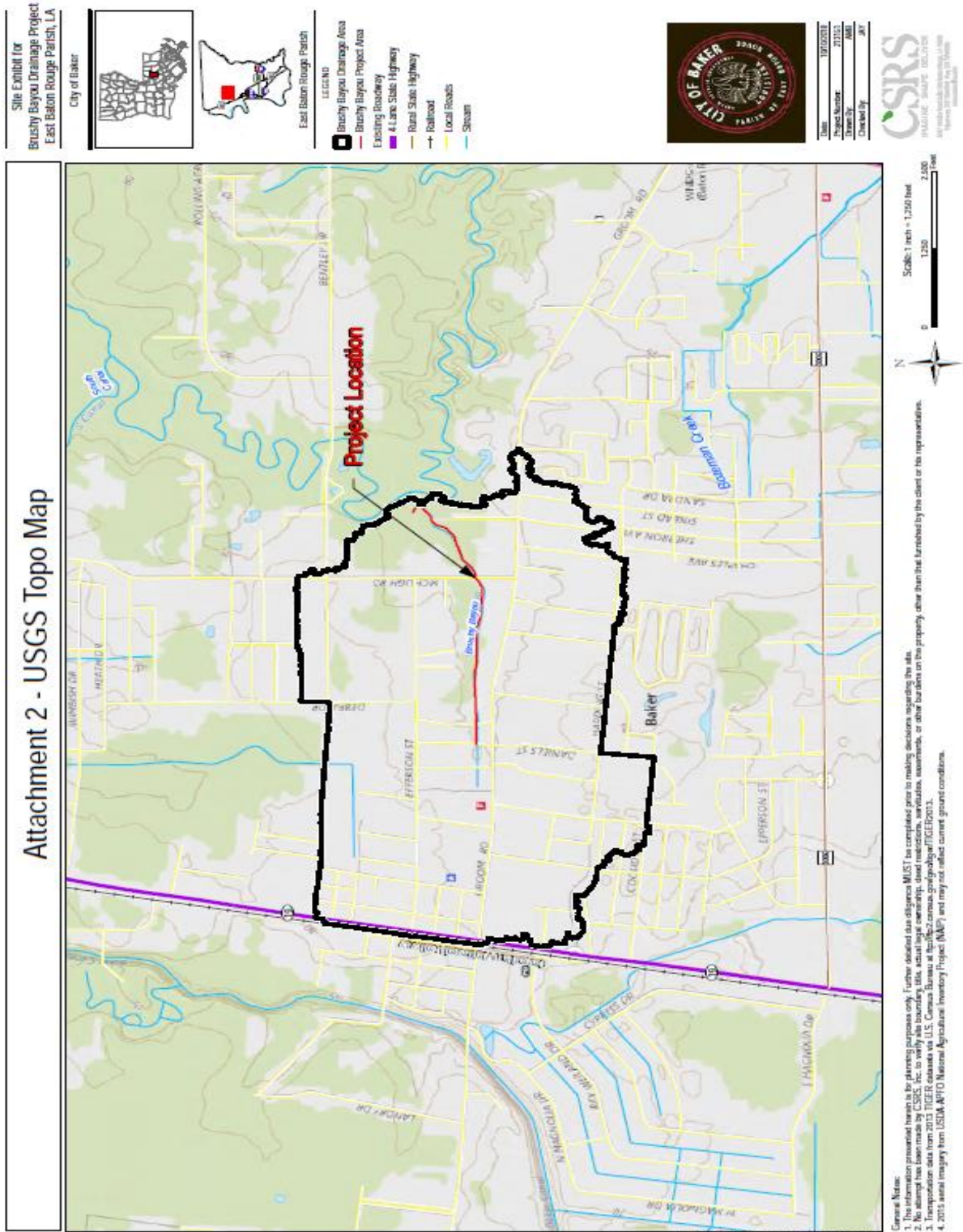
APPENDIX 1
BRUSHY BAYOU PARCEL MAPS



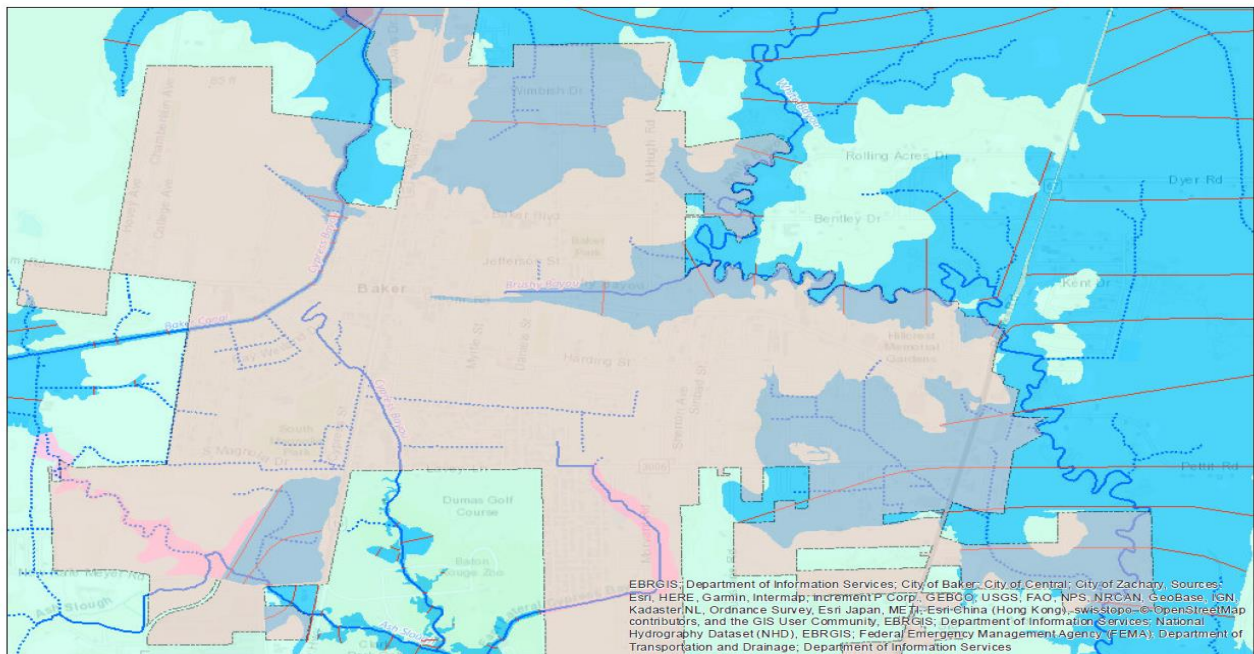
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APPENDIX 2 BRUSHY BAYOU TOPOGRAPHICAL MAP



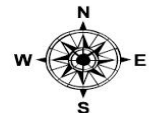
APPENDIX 3 BRUSHY BAYOU FLOOD ZONE MAPS



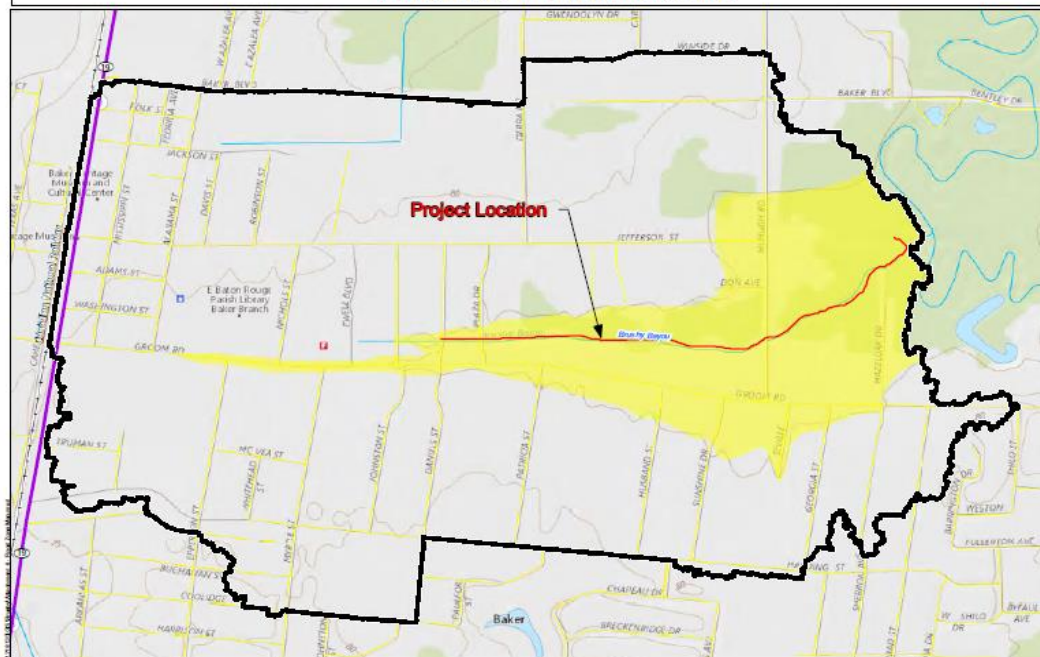
Drainage and Flood Zones

The City of Baton Rouge – Parish of East Baton Rouge provides the data herein for general reference purposes only. The City/Parish does not assume liability for the misuse or misinterpretation of the data.

0.0 0.125 0.25 0.5 0.75 1 mi



Attachment 4 - Flood Zone Map



Site Exhibit for
Brushy Bayou Drainage Project
East Baton Rouge Parish, LA



East Baton Rouge Parish

Legend

Brushy Bayou Drainage Area

Brushy Bayou Project Area

FEMA Flood Zone

AE

Existing Roadway

4 Lane State Highway

Railroad

Local Roads

Stream



Date: 10/05/18
Project Number: 21311
Drawn by: JMT
Checked by: JMT



General Notes:
1. This information presented herein is for planning purposes only. Further detailed due diligence MUST be completed prior to making decisions regarding the site.
2. No attempt has been made by CSRS, Inc. to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property other than that furnished by the client or its representatives.
3. Transportation data from 2013 TIGER database via U.S. Census Bureau at <http://tiger2013.census.gov/geographies/tiger2013/>
4. 2015 aerial imagery from USDA APFIS National Agricultural Inventory Project (NAIP) and may not reflect current ground conditions.

