

**ADVERTISEMENT FOR ENGINEERING AND RELATED SERVICES
AUGUST 12, 2025**

**CONTRACT NO. 4400032800
STATE PROJECT NO. H.000688.5
FEDERAL AID PROJECT NO. H000688
US 11 NORFOLK SOUTHERN RR OVERPASS (HBI)
ROUTE: US 11
ST. TAMMANY PARISH**

NO DBE GOAL

Under the authority granted by Title 48 of Louisiana Revised Statutes, the Louisiana Department of Transportation and Development (DOTD) hereby issues this advertisement for consulting firms to provide engineering and related services. **Consultants who are a Louisiana or foreign LLC or corporation should be appropriately registered with the [Louisiana Secretary of State](#), as contemplated by Title 12 of the Louisiana Revised Statutes, and with the [Louisiana Professional Engineering and Land Surveying \(LAPELS\)](#) Board under its rules for firms. If a consultant is not in good standing in accordance with those provisions, it may be subject to consequences contemplated in Title 12 and/or the LAPELS rules. All requirements of LAPELS must be met at the time the proposal is submitted. Prime consultants must be registered with the Louisiana Secretary of State and the Federal Government, using [SAM.gov](#), prior to contract execution.**

One (1) proposal will be selected for the contract solicited per this advertisement. Only one (1) DOTD Form 24-102 proposal is required for this advertisement, and it represents the prime consultant's qualifications and those of any and all sub-consultants proposed to be used for the referenced contract(s). All identifying contract number(s) should be listed in Section 2 of the DOTD Form 24-102. **USE THE DOTD FORM 24-102 PROVIDED WITH THE ADVERTISEMENT.**

DOTD Contract Manager (CM) – Ryan Morvant

Any questions concerning this advertisement must be sent in writing to DOTDConsultantAds80@la.gov no less than 48 hours (excluding weekends and holidays) prior to the proposal deadline.

SCOPE OF SERVICES

The general tasks to be performed by the Consultant for this contract are described more specifically in Attachment A, which is incorporated herein by reference.

The Consultant shall perform the work in accordance with the requirements of this advertisement and the resulting contract. Deliverables shall be in such format as required in Attachment A. The work performed by the Consultant shall be performed in a manner consistent with that degree of

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care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances.

MINIMUM PERSONNEL REQUIREMENTS (MPRs)

The requirements set forth in Attachment B must be met at the time the proposal is submitted.

EVALUATION CRITERIA

The criteria to be used by DOTD in evaluating responses for the selection of a consultant to perform these services are listed below:

1. **team** size as related to the project magnitude, weighting factor of three (3);
2. staff experience on similar projects, weighting factor of four (4);
3. firm experience on similar projects, weighting factor of three (3);
4. approach and methodology, weighting factor of nine (9);
5. current work load with DOTD, weighting factor of five (5); and
6. past performance on similar DOTD projects, weighting factor of six (6)*

*The Consultant is to identify in the table below those disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102.

THE FOLLOWING TABLE MUST BE COMPLETED AND INCLUDED IN SECTION 12 OF THE DOTD FORM 24-102 PROPOSAL.

Sub-consultants are 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*, the name of each firm that is part of the proposal, and the percentage of work in each discipline to be performed by that firm. The percentage estimated for each discipline is for evaluation purposes only and will not control the actual performance or payment of the work. The percentages for the prime and sub-consultants must total 100% for each discipline, as well as the overall total percent of the contract. (Add rows and columns as needed)							
Discipline(s)	% of Overall Contract	Prime	Firm B	Firm C	Firm D	Firm E	Each Discipline must total to 100%
							100%
							100%
							100%
Identify the percentage of work for the overall contract to be performed by the prime consultant and each sub-consultant.							
Percent of Contract	100%						-----

*The disciplines are: Appraiser, Bridge, CE&I/OV, CPM, Data Collection, Environmental, Geotech, ITS, Other (must specify), Planning, Right-of-Way, Road, Survey, and Traffic.

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If sub-consultants are used, the prime consultant can perform less than 50% of the work, but none of the sub-consultants can perform a larger percentage of the overall contract than the prime consultant.

Proposals will be evaluated as set forth in the “Evaluation Criteria” section of this advertisement. The evaluation will be by means of a point-based rating system. Each of the above criteria will receive a rating on a scale of one (1) through five (5). The rating will then be multiplied by the corresponding weighting factor. The rating in each category will then be added to arrive at the proposal’s final rating.

DOTD’s Project Evaluation Team (PET) will be responsible for performing the above described evaluation, and will present a shortlist of the three (3) (if three are qualified), highest rated consultants to the Secretary of DOTD. The Secretary will make the final selection.

COMPLIANCE WITH SUPPLEMENTAL ETHICS REQUIREMENTS

DOTD has established supplemental ethics requirements applicable to consultants and PET members. These requirements are found in the “Supplemental Ethics Requirements” article of the sample contract linked to this advertisement under Contract Execution Requirements, which are incorporated herein by reference. Any firm that is found to have violated these requirements may not be considered for this selection.

By submission of a proposal to perform services pursuant to this advertisement, the Consultant agrees to comply with DOTD’s Supplemental Ethics Requirements.

RULES OF CONTACT UPON ADVERTISEMENT

DOTD is the single source of information regarding the contract selection. Any official correspondence will be in writing, and any official information regarding the contract will be disseminated by DOTD’s designated representative via the DOTD website. The following rules of contact will apply during the contract selection process, commencing on the advertisement posting date and ceasing at the time of final contract selection. Contact includes face-to-face communication, the use of a telephone, facsimile, electronic mail (email), or formal or informal written communications with DOTD. Any contact determined to be improper, at the sole discretion of DOTD, may result in the rejection of the proposal (i.e., DOTD Form 24-102).

Consultants and consultant organizations **shall correspond with DOTD regarding this advertisement only through the email address designated herein; DOTDConsultantAds80@la.gov** and during DOTD sponsored one-on-one meetings.

No consultant, or any other party on behalf of a consultant, shall contact any DOTD employee, other than as specified herein. This prohibition includes, but is not limited to, the contacting of: department, office, or section heads, project managers, members of the evaluation teams, and any official who may participate in the decision to award the contract resulting from this advertisement.

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DOTD will not be responsible for any information or exchange that occurs outside the official process specified above.

By submission of a proposal to perform services pursuant to this advertisement, the Consultant agrees to the communication protocol herein.

PROJECT TIME

The overall time for the completion of the scope of services is estimated to be **900 days**, with the initial services estimated to be **180 days**.

NEGOTIATED COMPENSATION (September 2024)

The compensation payable to the Consultant for initial services rendered in connection with this contract is estimated at **\$6,000,000**. This estimate will be used for grading purposes only. Actual compensation will be determined by DOTD based on work hours negotiated between DOTD and the selected consultant. Within fifteen (15) calendar days of notification of selection, a kick-off meeting will be held with the selected consultant and appropriate DOTD personnel. The selected consultant will be required to submit a work hour proposal within thirty (30) calendar days following the notification of selection. The negotiation period shall not exceed ninety (90) calendar days from the selection notification date. If an agreement cannot be reached with the selected consultant within that time, negotiations may be terminated and another consultant selection made from the shortlist.

Payment will be made based on cost per unit of work and cost plus fixed fee compensation.

DIRECT EXPENSES

To the extent that the Consultant is allowed to claim reimbursement for direct expenses, all direct expense items that are not paid for in the firm's indirect cost rate, and are, needed and will be consumed during the life of the contract must be identified by the Consultant during contract development. The acquisition or rental of standard equipment or resources to be used in the provision of services rendered for this contract will not be considered for payment under direct expenses (e.g., vehicles for construction engineering and inspection (CE&I) inspectors).

The Consultant should own most of the equipment required to provide the work and services. The cost of this equipment should be included in the Consultant's indirect cost rate. Equipment may be considered "specialized" if it cannot be considered standard equipment for that particular consultant's normal operating business needs. If a consultant believes special equipment is needed for the contract, the Consultant must inquire through the Question and Answer process, as provided herein, whether the identified item will be considered specialized equipment for the individual contract.

All travel related expenses will be compensated under direct expenses, and will be in accordance with the most current Louisiana Office of State Travel regulations as promulgated in the Louisiana Administrative Code under the caption "PPM No. 49", with the exception that compensation for

vehicle usage will be based on actual miles traveled directly and exclusively related to project needs. Vehicle rental rates will require prior approval from the PM.

CYBERSECURITY TRAINING

In accordance with La. R.S. 42:1267(B)(3) and the State of Louisiana's Information Security Policy, if the Consultant, any of its employees, agents, or sub-consultants will have access to State government information technology assets, the Consultant's employees, agents, or sub-consultants with such access must complete cybersecurity training annually, and the Consultant must present evidence of such compliance annually and upon request. The Consultant may use the cybersecurity training course offered by the Louisiana Department of State Civil Service without additional cost or may use any alternate course approved in writing by the Office of Technology Services.

For purposes of this Section, "access to State government information technology assets," means the possession of credentials, equipment, or authorization to access the internal workings of State information technology systems or networks. Examples would include but not be limited to State-issued laptops, VPN credentials to credentials to access the State network, badging to access the State's telecommunications closets or systems, or permissions to maintain or modify IT systems used by the State. Final determination of scope inclusions or exclusions relative to access to State government information technology assets will be made by the Office of Technology Services.

QUALITY ASSURANCE/QUALITY CONTROL

The Scope of Services provided in Attachment A includes design of one (1) or more bridges and/or component parts thereof. The prime consultant shall submit a bridge design QA/QC plan document specifically developed for this contract as part of the DOTD Form 24-102. The QA/QC plan document must comply with the minimum requirements in the DOTD Bridge Design Section Policy for QA/QC as stated in Part I, Chapter 3 of the DOTD Bridge Design & Evaluation Manual (BDEM). The grading instructions, the rating matrix, and the grading sheet for the QA/QC plan document are included in Appendix G of the BDEM Part I, Chapter 3 – Policy for QA/QC. The QA/QC plan document shall be prepared to address all evaluation criteria included in the rating matrix. The QA/QC plan document must be implemented for all bridge design activities in both design phase and construction support phase of the contract. The prime consultant is fully responsible for QA/QC of their work as well as the work of all sub-consultants. All project submittals must include a QA/QC certification that the submittals meet the requirements of the QA/QC plan document. **Attach the QA/QC plan in Section 21 of the DOTD Form 24-102.**

If Attachment A includes specific QA/QC requirements that contradict those set forth above, the requirements in Attachment A control.

TRAFFIC ENGINEERING PROCESS AND REPORT TRAINING REQUIREMENTS

As part of DOTD's on-going commitment to high quality traffic engineering reports, a traffic engineering training course must be taken by traffic engineering PEs and EIs in order to be eligible to work on DOTD projects. When traffic is included as a discipline on which past performance is

evaluated, for consultants performing traffic engineering services (i.e., traffic analysis throughout all DOTD project stages and/or QC of traffic analysis), appropriate personnel must successfully complete the three (3) modules of the Traffic Engineering Process and Report Course offered by Louisiana Transportation Research Center (LTRC). This Course must be completed no later than the time the proposal is submitted or show proof of registration for the Course from the LTRC's Registration site. **Copies of training certificates or proof of registration are to be included in Section 20 of the proposal.** It will be the prime consultant's responsibility to ensure their staff and sub-consultants complete the training. Copies of training records may be obtained from the LTRC website <https://registration.ltrc.lsu.edu/login>.

WORK ZONE TRAINING REQUIREMENTS

As part of DOTD's on-going commitment to work zone safety, required work zone training courses must now be taken every four (4) years in order for personnel to remain eligible to work on DOTD projects. For consultants performing preconstruction services (e.g., design, survey, subsurface utility, geotechnical, traffic, bridge inspection, environmental services), appropriate personnel must successfully complete these courses. In general, the person in responsible charge of traffic control plans shall be required to have Traffic Control Supervisor training. For preconstruction field services performed within the clear zone, at least one (1) member of the field crew shall have Traffic Control Supervisor or Traffic Control Technician training. The Consultant should identify all personnel listed in the staffing plan (Section 14) for the contract who have completed the appropriate work zone training courses. All preconstruction work zone training requirements shall be met **prior to contract execution**. It will be the prime consultant's responsibility to ensure their staff and sub-consultants have the appropriate work zone training.

In addition to the above requirements, if the Scope of Services set forth in Attachment A includes Construction Engineering and Inspection (CE&I), the following training requirements shall be met **at the time the proposal is submitted and are to be included in Section 20 of the proposal**:

Field Engineers:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Engineer Interns:	Traffic Control Technician Traffic Control Supervisor Flagger
Field Senior Technicians, Survey Party Chiefs, and SUE Worksite Traffic Supervisors*:	Traffic Control Technician Traffic Control Supervisor Flagger
Other Field Personnel*:	Traffic Control Technician Flagger

* excluding Asphalt Plant Inspector, Paint Managers, and Paint Inspectors

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Approved courses are offered by ATSSA and AGC. Substitutes for these courses must be approved by the DOTD Work Zone Task Force. For more information, please contact DOTD HQ Construction at 225-379-1584. Specific training course requirements are:

Flagger: Successful completion every four (4) years of a work zone flagger course approved by the Department. The “DOTD Maintenance Basic Flagging Procedures Workshop” is not an acceptable substitute for the ATSSA and AGC flagging courses.

Traffic Control Technician (TCT): Successful completion every four (4) years of a work zone traffic control technician course approved by the Department. **After initial successful completion, it is not necessary to retake this course every four (4) years if Traffic Control Supervisor training is completed every four (4) years.**

Traffic Control Supervisor (TCS): Successful completion of a work zone traffic control supervisor course approved by the Department. Following an initial completion, traffic control supervisors must either complete a one (1)-day TCS refresher course or retake the original two (2)-day TCS course every four (4) years.

ATSSA contact information: (877) 642-4637

*****ALL WORK ZONE TRAINING CERTIFICATIONS MUST BE ACTIVE*****

REFERENCES

All services and documents will meet the standard requirements as to format and content of DOTD and will be prepared in accordance with the latest applicable editions, supplements, and revisions of the following:

1. [AASHTO Standards – The American Association of State Highway Transportation Officials](#)
2. [AASHTO Highway Safety Manual](#)
3. [AASHTO – A Policy on Geometric Design of Highways and Streets](#)
4. [ASTM Standards](#)
5. [CyberSecurity Training](#)
6. [DOTD – Bridge Design and Evaluation Manual \(BDEM\)](#)
7. [DOTD – Complete Streets](#)
8. [DOTD – Construction Contract Administration Manual](#)
9. [DOTD – Consultant Contract Services Manual](#)
10. [DOTD – Hydraulics Manual](#)
11. [DOTD – Location and Survey Manual – REVISED OCTOBER 2023](#)
12. [DOTD – Addendum “A” to the Location & Survey Manual](#)
13. [DOTD – Louisiana Standard Specifications for Roads and Bridges](#)

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14. [DOTD – Materials Sampling Manual](#)
15. [DOTD – Minimum Design Guidelines](#)
16. [DOTD – Off-System Highway Bridge Program Guidelines](#)
17. [DOTD – Pavement PRR Min Design Guidelines](#)
18. [DOTD – Roadway Design Procedures and Details Manual](#)
19. [DOTD – Stage 1 Planning/Environmental Manual of Standard Practice](#)
20. [DOTD – Testing Procedures Manual](#)
21. [DOTD – Traffic Engineering Manual](#)
22. [DOTD – Traffic Engineering Process and Report](#)
23. [DOTD – Traffic Signal Manual](#)
24. [e-CFR – Electronic Code of Federal Regulations \(all applicable\)](#)
25. [FHWA – Bridge Inspector’s Reference Manual \(BIRM\)](#)
26. [FHWA – Manual on Uniform Traffic Control Devices for Streets and Highways \(MUTCD\)](#)
27. [National Electrical Safety Code \(NESC\)](#)
28. [LTRC – Local Public Agency Qualification Program: Construction, Engineering and Inspection course](#)
29. [NFPA 70 – National Electrical Code \(NEC\)](#)
30. [NEPA – National Environmental Policy Act](#)

CONTRACT EXECUTION REQUIREMENTS

The selected consultant will be required to execute the contract within ten (10) days after receipt of the contract.

A sample of the contract provisions can be found at the following link:
https://bit.ly/CCS_SampleContractProvisions.

REVISIONS TO THE ADVERTISEMENT

DOTD reserves the right to revise any part of the advertisement by issuing addenda to the advertisement at any time. Issuance of this advertisement in no way constitutes a commitment by DOTD to award a contract. DOTD reserves the right to accept or reject, in whole or part, all DOTD Form 24-102s submitted, and/or cancel this consultant services procurement if it is determined to be in DOTD’s best interest. All materials submitted in response to this advertisement become the property of DOTD, and selection or rejection of a proposal does not affect this right. DOTD also reserves the right, at its sole discretion, to waive administrative informalities contained in the advertisement.

CLARIFICATIONS

DOTD reserves the right to request clarification of ambiguities or apparent inconsistencies found within any proposal, if it is determined to be in DOTD’s best interest.

PROPOSAL REQUIREMENTS

The Consultant's proposal for this advertisement must be submitted by email to DOTDConsultantAds80@la.gov. **USE THE DOTD FORM 24-102 PROVIDED WITH THE ADVERTISEMENT.** Hard copies of the Consultant's proposal are not required. All proposals must be in accordance with the requirements of this advertisement, and the Consultant Contract Services Manual. Unless otherwise stated in this advertisement, copies of licenses and certificates are not required to be submitted with the proposal.

If more than one (1) contract is to be selected based on this advertisement, no prime consultant is allowed to be a sub-consultant on any other consultant's 24-102. If a prime consultant is submitted as a sub-consultant on another consultant's 24-102, its proposal as a prime consultant may be deemed non-responsive.

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.

DOTD employees may not submit a proposal, nor be included as part of a consultant's proposal.

Contract and/or part-time employees are allowed. Such employees should be shown in Section 14 of the DOTD Form 24-102 with an asterisk denoting their employment status.

The DOTD Form 24-102 **PDF file shall be labeled** "CONTRACT NO. 4400032800 Consultant's name", and **must be received no later than 3:00 p.m. Central Time by** DOTDConsultantAds80@la.gov via email on Tuesday, September 9, 2025.

The PDF file must be attached in the email or as a hyperlink in the email or as an email through third-party file transfer websites such as Dropbox or WeTransfer.

Please note that delivery failure may occur on email files exceeding 25MB uncompressed. In addition, all emails are scanned for cybersecurity threats prior to delivery to DOTDConsultantAds80@la.gov; **therefore, allow sufficient time** for this process to take place when submitting your proposal.

ATTACHMENT A – SCOPE OF SERVICES

The project time is typical.

The home office indirect cost rate shall be applicable to all services except as otherwise designated hereafter.

INITIAL SERVICES

PROJECT DESCRIPTION

The Consultant shall provide engineering and related services to reconstruct and widen US 11 from I-12 to US 190, including replacement of the US 11 bridge over the Norfolk-Southern Railroad. The engineering services will be primarily in accordance with the design and phasing presented in the Environmental Assessment (EA) document.

1. PROJECT MANAGEMENT

The Consultant shall coordinate with DOTD on the project status and schedule. The Consultant shall submit a proposed project schedule to DOTD for review and approval. The Consultant shall coordinate with and provide the DOTD Project Manager with monthly updates on the project status and schedule. It is anticipated that the Consultant will have periodic coordination meetings with the DOTD Project Manager during the course of the project to review the project status and address any concerns of DOTD.

2. DETAILED LINE AND GRADE STUDIES

The Consultant shall develop two (2) detailed line and grade studies of the project corridor using two (2) different project limits and scopes as described below:

1. Widening of US 11 to a four (4) lane, access-managed corridor including replacement of the existing bridge as described in the EA document.
2. A reduced project scope limited to replacing the existing bridge with a two-lane bridge and necessary shoulders with project limits set accordingly. The improvements in this scope must not preclude future roadway reconstruction and widening to construct the full project limits and scope as defined in EA document.

The purpose of the line and grade studies shall be to determine the exact limits of the project and anticipated right-of-way takings as well as to ensure that the selected alternative from the EA document can be designed in a manner that will comply with all current DOTD Design Guidelines and is reasonably constructible.

As part of the line and grade studies, the Consultant shall develop bridge design criteria as outlined in the Bridge Design and Evaluation Manual and shall propose the most cost-efficient and constructible bridge type, size, and location. The bridge type, size, and location shall consider and

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exhibit reasonably sized foundation elements and other elements necessary to satisfy the railroad requirements such as railway crash walls.

The Consultant shall use the topographic survey, subsurface utility engineering survey, and property survey provided by DOTD to develop the line and grade studies.

2.1 Line and Grade Analysis

The Consultant shall prepare line and grade studies, which will include but are not limited to the following:

- Establishment of design criteria.
- Develop typical roadway sections.
- Develop horizontal geometry.
- Develop vertical geometry and set minimum roadway grade.
- Identify major drainage structure locations.
- Establish approximate required right-of-way (ROW) limits.
- Develop a list of impacted improvements, including potential utility conflicts.
- Line and Grade Report.

This analysis shall encompass more detailed variables which should include but not be limited to the following categories:

2.2 Design Criteria

The Consultant shall review design criteria from the previously prepared Environmental Document to determine if any modifications are necessary based upon currently established DOTD design criteria and will update the design criteria appropriately.

The Consultant shall establish the design criteria which will include design class and design speed, lane widths, minimum horizontal curvature, maximum side slopes, horizontal and vertical clearances, and maximum roadway guide. The Consultant shall prepare a Table of Design Criteria to be included in the document. The design criteria will be used in developing the horizontal and vertical alignments. The design criteria will be based on latest official DOTD Design Road Design Manual and American Association of State Highway and Transportation Officials (AASHTO) for design speed and functional classification, and on recommendations from DOTD.

Design criteria shall be submitted for DOTD review and approval.

2.3 Horizontal Alignment

A horizontal alignment study will be prepared. The alignment should consider major utility conflicts, major drainage structures, existing roadway/bridge geometry, superelevation, sight distance, and suggested sequence of construction. The alignment shall be developed consistent with all applicable Access Management, Complete Streets, Environmental Document, and other DOTD policies and manuals. The alignment should consider existing roadway conditions,

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maintenance of traffic, existing bridge, and location of utilities, environmentally sensitive areas, topographic features, developed properties, urban constraints, and railroad crossings.

A plan view of the proposed horizontal alignment will be prepared. The following geometric data will be displayed on the plan view: baselines and stationing, edge of pavement, shoulder, curb and sidewalk lines, lane and shoulder dimensions, curve lengths (L), tangent lengths (T), curve radii (R), superelevation rates and transition lengths, control of access limits, existing and estimated r/w limits, bridge limits, existing and relocated utilities, as known, major drainage features, railroads, signalized intersections.

2.4 Vertical Alignment

A vertical alignment study will be prepared. The vertical alignment shall consider above ground and underground utility clearance, major drainage or structure locations, overpass clearances, etc. A profile view of the proposed vertical alignment will be prepared. The following geometric data will be displayed on the profile: P. V. I. Location, Vertical Grades, Length of Vertical Curve (V. C.), Headlight or Stopping Sight Distance (H. L. S. D. or S. S. D.), and required Vertical Clearances.

2.5 Typical Sections

The Consultant shall review original typical sections in the Environmental Document and either adopt or revise as necessary to meet approved design criteria. The Consultant shall submit the typical cross sections to DOTD for approval.

2.6 Utilities

The Consultant shall avoid utility relocations whenever possible. Any required utility relocations will be estimated based upon the concept level plans and using DOTD provided SUE survey. Any existing utilities that are in conflict shall be noted in the Line and Grade Report.

2.7 Line & Grade Study Report

The Consultant shall prepare a line and grade report. This report will include, but not be limited to, the following sections:

- Design reports, any required design waivers and/or exceptions
- Utility Conflicts
- Drainage
- Conceptual Layouts or most cost effective, constructible solution (plan and profile sheets, typical sections)

3. SEQUENCE OF CONSTRUCTION

The Consultant shall develop a suggested sequence of construction for both line and grade studies. The suggested sequence of construction shall maintain one (1) northbound lane and one (1)

southbound lane throughout the duration of the project. The Consultant shall propose a sequence of construction that reduces negative impacts to the surrounding businesses and through traffic along the corridor.

4. PRELIMINARY COST ESTIMATE

The Consultant shall perform preliminary construction cost estimates for both line and grade scopes. These cost estimates shall include all temporary and permanent works required for the project.

ADDITIONAL SERVICES

The scope of services and compensation for the following additional services may be authorized by Supplemental Agreement(s):

- Preliminary Plans
- Final Plans, if required, shall be based on lump sum.
- Construction Support, if required, shall be based on specific rates of compensation.

SERVICES TO BE PERFORMED / ITEMS TO BE PROVIDED BY DOTD

DOTD shall furnish the following items:

- Geotechnical information from a nearby project.
- Pavement design.
- Guidance and requirements from Norfolk Southern Railroad.
- Topography and SUE survey.
- Property survey as it relates to the railroad's ownership.
- Environmental Assessment.

ELECTRONIC DELIVERABLES

The Consultant hereby agrees to produce electronic deliverables in conformance with DOTD Software and Deliverable Standards for Electronic Plans document in effect as of the effective date of the most recent contract action or modification, unless exempted in writing by the Project Manager. The Consultant is also responsible for ensuring that sub-consultants submit their electronic deliverables in conformance with the same standards. DOTD Software and Deliverable Standards for Electronic Plans document and DOTD CAD Standards Downloads are available via links on the DOTD web site.

The Consultant shall apply patches to CAD Standard Resources and install incremental updates of software as needed or required. The Consultant hereby agrees to install major updates to software versions and CAD Standard Resources in a timely manner. Major updates of CAD standards and software versions shall be applied per directive or approval of the DOTD Design Automation Manager. Such updates will not have a significant impact on the plan development time or project delivery date, nor will they require the Consultant to purchase additional software. Prior to

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proceeding with plan development, the Consultant shall contact the Project Manager for any special instructions regarding project-specific requirements.

In the event that any Digital Plan Delivery Standard conflicts with written documentation, including DOTD plan-development Manuals, the Digital Plan Delivery Standard governs. The Consultant is responsible for contacting the Project Manager should questions arise.

The Consultant shall upload (or check in) electronic deliverables directly into the DOTD ProjectWise repository at each plan delivery milestone. The Consultants are responsible for performing certain operations at each milestone including, but not limited to, the following:

- Upload (or check in) CAD plan deliverables to the discipline “Plans” folder
- Apply and maintain indexing attributes to CAD plans (and other deliverables as needed)
- Publish PDF format plan submittals in ProjectWise using automated publishing tools
- Digitally sign PDF format plan submittals in ProjectWise according to DOTD standards and procedures (Final Plans, Revisions and Change Orders). Signatures shall be applied in signature blocks provided with electronic seals and Title Sheets.

Additionally, after reviewing deliverables for each submittal milestone, the Project Manager shall notify the Consultant regarding the availability of two automatically-generated informational reports in ProjectWise. These reports document the completion status and other information regarding indexing attributes and CAD standards. The Consultant shall take these reports into account and make any necessary adjustments to plans before the next submittal milestone; or sooner, if directed by the Project Manager.

ATTACHMENT B – MINIMUM PERSONNEL REQUIREMENTS (MPRs)

The following requirements must be met at the time the proposal is submitted:

1. At least one (1) principal of the prime consultant shall be a registered professional engineer in the State of Louisiana.
2. At least one (1) principal or other responsible member of the prime consultant shall be currently registered in the State of Louisiana as a professional engineer in civil engineering.
3. At least one (1) principal or responsible member of the prime consultant shall be a professional engineer, registered in the State of Louisiana, and shall have a minimum of five (5) years of experience in responsible charge of the preparation of roadway plans.
4. At least one (1) professional engineer, registered in the State of Louisiana, shall have a minimum of ten (10) years of bridge design experience, including the design of at least one (1) steel plate girder bridge.
5. At least one (1) professional engineer, registered in the State of Louisiana, shall have a minimum of ten (10) years of experience in geotechnical design of bridge foundation elements in Louisiana soils.
6. At least one (1) professional engineer, registered in the State of Louisiana, shall have a minimum of five (5) years of experience in geotechnical design of bridge foundation in Louisiana soils.
7. At least one (1) professional engineer, registered in the State of Louisiana, shall have a minimum of five (5) years of experience in PDA testing, CAPWAP analysis, and interpretation of non-destructive testing.

MPRS ARE TO BE MET BY SEPARATE INDIVIDUALS OF THE PRIME CONSULTANT, UNLESS STATED OTHERWISE BELOW.

MPR Nos. 1 through 3 may be met by the same person.

MPR Nos. 5 and 7 may be met by the same person.

MPR Nos. 6 and 7 may be met by the same person.

To clarify further, MPR Nos. 5 and 6 must be met by two separate individuals. However, MPR No. 7 may be met by the same individual proposed for either MPR No. 5 or MPR No. 6.

MPR Nos. 4 through 7 may be satisfied through the use of a sub-consultant(s).

NOTE: WHEN SATISFYING A MINIMUM PERSONNEL REQUIREMENT, PLEASE ENSURE THE RÉSUMÉ REFLECTS REQUIRED EXPERIENCE AS REQUESTED.

- Please note the number of MPRs are minimal; however, all relevant personnel necessary to perform the Scope of Services must be identified in Section 14 of the DOTD Form 24-102 and their resumes included in Section 16 of the DOTD Form 24-102.