

STATE OF LOUISIANA

**US 90 (I-49 SOUTH)
ALBERTSON'S PARKWAY TO
AMBASSADOR CAFFERY
DESIGN-BUILD PROJECT**

LAFAYETTE PARISH

STATE PROJECT NO. H.010620

REQUEST FOR QUALIFICATIONS

APPENDIX A

**PROJECT DESCRIPTION,
DESIGN-BUILDER RESPONSIBILITIES,
AND PROJECT STATUS**



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1.0 PROJECT DESCRIPTION

The proposed US 90 (I-49 South) Design-Build (DB) Project (the "Project") consists of the widening of the mainline of US 90 (the future I-49 South) from four lanes to six lanes from Albertson's Parkway to the proposed Ambassador Caffery Interchange (State Project No. H.002868) and providing a frontage road system that includes the tie-in to US 182. The Project will include a new grade separated interchange at the existing Albertson's Parkway intersection and new overpass structures at the Burlington Northern Santa Fe (BNSF) Railway crossing. The Project limits extend approximately 2,000 feet west (north) of the existing Albertson's Parkway intersection and 3,000 feet east (south) of the BNSF Railway crossing. The Project will consist of all or a portion of the design and construction of the following major elements:

A) US 90 (I-49 South) Mainline Widening

The Design-Builder shall widen mainline US 90 (I-49 South) from four lanes to six lanes with shoulders in both directions (three lanes eastbound and three lanes westbound). Widening will occur to the inside (median side) of the existing pavement.

B) Structures

The Design-Build shall provide the following new and replacement bridge structures:

- 1) Albertson's Parkway Overpass: new structure or structures to carry the six lanes and shoulders of US 90 (I-49 South) over Albertson's Parkway;
- 2) US 90 (I-49 South) BNSF Railway Overpass: replacement structure or structures for the six lanes and shoulders of US 90 (I-49 South) over the BNSF Railway. Current BNSF Railway clearances will be required. Existing US 90 overpass structures will be removed; and
- 3) Frontage Road BNSF Railway Overpass: new structure for two lanes and shoulders of frontage road over the BNSF Railway. Current BNSF Railway clearances will be required.

C) Frontage Roads

The Design-Builder shall provide a frontage road system that provides efficient access to the businesses and properties along the Project limits, ties in to US 182, and provides US 90 (I-49 South) U-turn facilities at Albertson's Parkway and the BNSF Railway. As noted above the frontage roads are anticipated to cross over the BNSF Railway. The frontage roads east (south) of the BNSF Railway will tie-in to frontage roads included in the future Ambassador Caffery Interchange. The timing of the construction of the future Ambassador Caffery Interchange may necessitate an interim frontage road transition to mainline in this Project.

D) Aesthetics and Landscaping

The Design-Builder shall provide associated aesthetics and landscaping amenities appropriate for this Project. It is envisioned that aesthetic criteria for this Project will be consistent throughout the future I-49 South corridor.

E) Permitting

The LA DOTD is currently working to obtain the United States (US) Army Corps of Engineers (COE) and Coastal Use permits. Any permit modifications that arise as a result of the Design-Builder's design and/or construction shall be the responsibility of the Design-Builder.

2.0 DESIGN-BUILDER RESPONSIBILITIES

The successful Design-Builder shall be responsible for furnishing all labor, material, plant, equipment, services, and support facilities for the following (this list is not intended to be all-inclusive):

- A) Design and construction of all Project components;
- B) Design and construction management;
- C) Project-related Public Information (PI) activities. The Design-Builder will be responsible for supporting the PI activities for the Project which will be led by the LA DOTD and/or a consultant directed by the Department;
- D) Coordination with Project stakeholders, other contractors, and utility owners;
- E) Design Quality Control [in addition to the Design-Builder's design QC, a consultant is retained by the Louisiana Department of Transportation and Development (LA DOTD) to assist the LA DOTD with administration of the Contract, Project oversight, and design Acceptance services];
- F) Construction Quality Control (in addition to the Design-Builder's construction QC, a consultant is retained by the LA DOTD to assist the LA DOTD with administration of the Contract, Project oversight, and construction Acceptance services);
- G) Environmental permit compliance monitoring;
- H) Additional environmental investigations and permit modifications resulting from the Design-Builder's design and/or construction activities;
- I) Maintenance and protection of traffic and access to properties (both temporary and permanent access);
- J) Project safety and security;
- K) Preliminary Engineering (PE), such as surveys and geotechnical investigations not provided by the LA DOTD;
- L) Harmful and hazardous materials remediation (design and construction);

- M) Drainage and erosion control;
- N) Construction waste disposal and handling;
- O) Required clearances, licenses, construction easements, and permits for the Design-Builder's Work, Work sites, and storage areas on- or off-site;
- P) Ancillary works, such as access roads, driveways, temporary fencing, relocation of drainage, Work sites, and temporary works;
- Q) Location, acquisition, permits, and transportation for material;
- R) Coordination and relocation of any utilities and municipal drainage facilities;
- S) Site clearance (if applicable);
- T) Maintenance of the Project during the Contract period (design and construction maintainability, maintenance needs, and maintenance and inspection access);
- U) Project warranties, as required in the Request for Proposals; and
- V) Right-of-Way acquisition.

3.0 PROJECT STATUS

The following is a summary of the status of the Work being completed for the Project as well as existing Work and/or information (this list is not intended to be all-inclusive):

- A) Survey
The LA DOTD is currently performing aerial and mobile LiDAR survey activities in the Project corridor. The end product of these activities will be a digital terrain model (DTM). The DTM data will be provided in the RFP.
- B) Preliminary Design Engineering
Concept level PE solutions are being developed and will be included in the Request for Proposals.
- C) Traffic Data
Base and design year traffic data will be provided in the Request for Proposals.
- D) Right-of-Way
Minimal Right-of-Way (ROW) acquisition is anticipated for this Project. The Design-Builder shall determine the additional ROW needs for their design solution and will be responsible for any necessary ROW acquisition per LA DOTD guidelines and applicable federal requirements.
- E) Environmental
The appropriate environmental clearances will be obtained prior to execution of the Contract.
- F) Aesthetic Design Guidelines
Minimum aesthetic criteria for the Project will be provided in the Request for Proposals.

- G) Preliminary Geotechnical Information Borings
The LA DOTD is currently performing a sub-surface exploration program throughout the Project limits. This geotechnical data will be provided to the Proposers in the RFP. The Design-Builder shall determine if further geotechnical information is required. If so, the Design-Builder shall be responsible for collecting the additional information necessary.
- H) Design Criteria
Design criteria will be provided in the Request for Proposals.
- I) Performance Measures
Project performance measures and specifications are being developed and will be included in the RFP.
- J) Project Requirements
Project requirements are being developed and will be included in the Request for Proposals.
- K) Reference Documents
Additional documents will be included in the Request for Proposals as Reference Documents.
- L) Utility Investigations
The LA DOTD is currently locating all utilities within the existing ROW. The utility location information and data will be provided in the RFP. The Design-Builder shall be responsible for utility locations in additional required ROW.
- M) Warranties
The LA DOTD's standard warranty provisions will apply to this Project.

Further information and detail regarding the scope of work for the Project will be provided in the Request for Proposals.