

Stage 0 Feasibility Study
Firetower Rd./ LA 445: Corridor Study
Tangipahoa Parish, Louisiana
State Project No. H.015968
RPC Task No. TPFIRE25

Project Description:

The Regional Planning Commission is preparing a transportation corridor study for the vicinity of Firetower Road and LA 445 in the Bedico area of Eastern Tangipahoa Parish. The project area limits for this analysis are as follows: LA 22 to the south, US 190 to the north, the Tangipahoa River to the west, and LA 1085 to the east.

The Metropolitan Transportation Plan (MTP) for FY 2023 to 2052 for the south Tangipahoa urbanized area calls for capacity projects for US 190, I-12 and LA 22 in this area. The MTP further calls for upgrades of the north-south roadways of LA 445 and Firetower Road, both of which connect to US 190 and LA 22 directly. LA 445 has an interchange with I-12. Firetower Road has an overpass, but not an interchange with I-12.

As a result of increased development pressures, RPC worked with Tangipahoa Parish to undertake a Land Use / Sub-Area study of the broad area east of the Tangipahoa River and south of LA 40 in 2019. Different land use/ growth scenarios were evaluated, and transportation network needs were assessed as a part of the study. Due to its connectivity to the east-west corridors in the area, Firetower Road and LA 445 emerged as strategically vital assets for north-south mobility in the area.

Study Purpose:

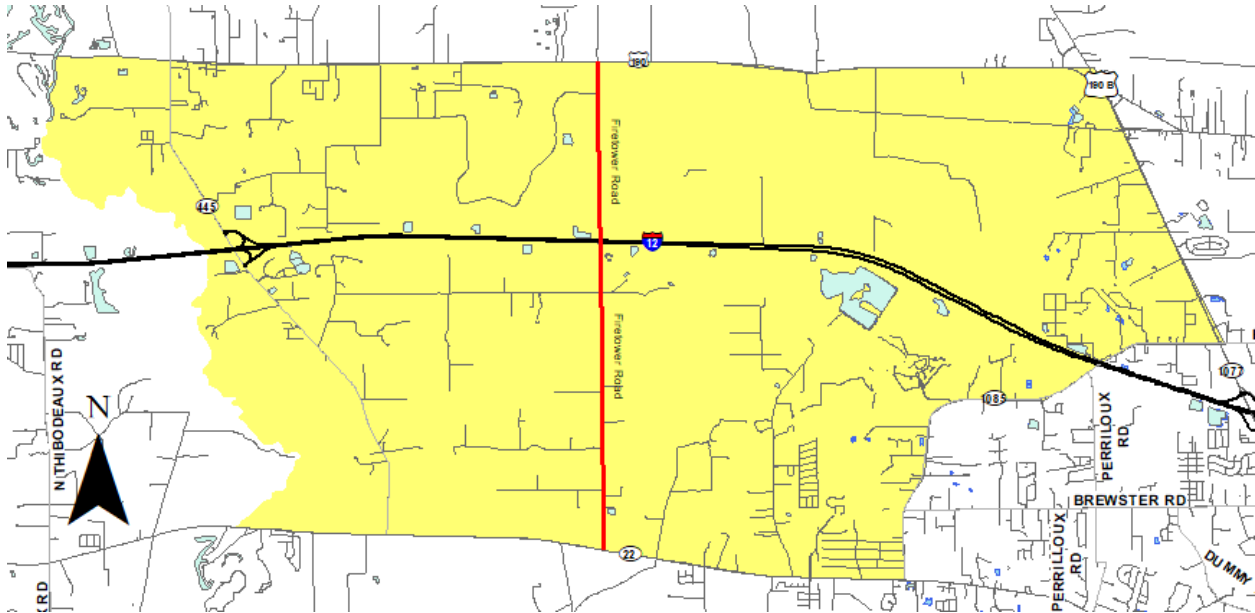
The purpose of this planning study is to determine the high-level costs, feasibility and potential environmental concerns of project initiatives identified in roadway capacity projects for north south corridors of Firetower Rd and LA 445, from LA 22 south to US 190 in eastern Tangipahoa parish, as identified in the MTP. This will include an assessment of an interchange of Firetower Road and I-12 (also in the MTP) and potential improvements to the interchange at LA 445.

Study Need:

As described above, the need for the analysis is derived from the result of the previous land use study which highlighted the importance of the direct north-south connection provided by Firetower Road and LA 445, and the need for improved north-south connectivity resulting from population growth and development in this area of Tangipahoa Parish.

Project Location:

The project area limits for this analysis are as follows: LA 22 to the south, US 190 to the north, Tangipahoa River to the west, and LA 1085 and 1077 to the east.



TASK 1: Project Management Team & Public Involvement

1A: Project Management Team

The consultant will assist RPC in establishing and supporting a Project Management Team to guide the technical work effort and to review the consultant’s work products. The PMT will consist of the RPC, Tangipahoa Parish, the District Traffic Operations Engineer or their designee for LADOTD District 62, and other stakeholders, as appropriate. The consultant will provide all necessary agendas, handouts and exhibits in advance of PMT meetings for RPC review and approval and prepare summary minutes of the meetings.

The PMT will meet not more than four times during the study effort. These meetings may be in a virtual setting. The consultant will be responsible for organizing the virtual meetings and will identify the venue (i.e. Zoom, MS Teams, gotomeeting, etc.) to be used.

In addition, the consultant will assist RPC in the conduct of meetings (maximum of three) with other stakeholders in the area to discuss the project’s purpose and need and project-related development opportunities and concerns, as appropriate. The RPC will initiate these contacts in consultation with the

Parish, and the consultant will prepare summary meeting minutes for review and discussion with the PMT.

1A Deliverables: *Task products will include meeting agendas, handouts, summary minutes, handouts and support graphics.*

1B: Public involvement

The consultant shall be responsible for arranging and conducting up to two (2) community meetings at different phases of the project to solicit public input on the feasibility study. The timing and topics of discussion for the public meetings shall be determined by the PMT. These meetings may be conducted in an in-person or virtual setting as determined by RPC. Meetings shall be publicized and conducted in accordance with the RPC's Public Involvement Plan and Title VI Program. The consultant shall work with jurisdictions and organizations representing communities within the project area of interest (AOI) to distribute information about these community meetings or other opportunities for community input.

1B Deliverables: *Task products will include meeting agendas, handouts, presentations. Summary minutes and support graphics. Summary minutes will be made available to the RPC within ten (10) business days of all stakeholder and community meetings, with an original copy of the sign-in sheet (and/or full list of virtual attendees) for inclusion with the final report.*

TASK 2: PROJECT TIMELINE & KICK-OFF MEETING

The consultant will prepare a draft project schedule in GANTT chart format including major milestones (PMT meetings, site visits, draft reviews, final report submission, etc.). The timeline will be submitted at the project kick-off meeting that will include the consultant, all sub-consultants, RPC, Tangipahoa Parish and LADOTD representatives. The kick-off meeting will be organized by RPC and take place within two (2) weeks of the Notice to Proceed.

Task 2 Deliverables: *Task product will include detailed project schedule in GANTT chart format with timeline and major milestones.*

Task 3: Existing Plans/Data

3A: Plan review and Inventory

Prior to initiating other deliverables, the consultant will review existing data and studies addressing the project area. The PMT will assist the consultant in compiling available data addressing land use and zoning, transportation, utilities, area demographics and environmental conditions within the study area.

The consultant will review previous plans within or relevant to the study area, including but not limited to:

- *2023 Tangipahoa Parish Local Road Safety Plan (Roadway Safety Plan and Policies)*
- *Stage 0 Feasibility Study and Environmental Inventory: Interstate 12 LA 447 (Walker Rd) to I-59*
DOTD work on I-12 from 2010, specific information on roadways crossing the interstate.
- *Land Use, Transportation, & Resilience Scenario Planning Study for East Tangipahoa, Louisiana*
State Project No. H.013576 RPC Task: ETang, 2019
This study will be the basis for land-use and trip generation assumptions in the E. Tangipahoa area. Travel model outputs used in this study will be used to inform forecast volumes in the study area.

The consultant shall identify any recent (since 2010) projects implemented within or otherwise affecting the study area, and to the extent possible shall identify recent maintenance history of roadways within the project area.

3A Deliverables: *Products will include a task memo summarizing existing plans and studies for the corridor, incorporating an inventory of data available for the project area, describing coordination efforts with any ongoing planning efforts or projects within the study area, and identifying implemented projects affecting the study area. The consultant shall describe within the Task memo how plans and data are to be used in the development of the plan and completion of subsequent tasks.*

3B: Fatal and Serious Injury Crash Data Review

The RPC will provide the consultant with a five-year history of fatal and serious injury crashes, and crashes of all severities for non-motorized users, by location within the project area. This includes all non-motorized crashes along the study corridors. The consultant will review the Louisiana Pedestrian Crash Study, LADOTD's HSIP list, LADOTD's Roadway Departure Implementation Plan, the Louisiana Vulnerable Road User Safety Assessment, and identify if any segments within the study area are identified as segments that have a high potential for safety improvement.

3B Deliverables: *The consultant shall prepare a memo summarizing findings from the review of the crash data and describing how these data will inform subsequent tasks. The consultant shall prepare maps and tables summarizing crash data for inclusion in PMT presentations and the final report.*

3C: Demographic Profile

To review community equity, access and general impacts in the study area, an Area of Interest (AOI) will be established by the RPC. The RPC will provide the consultant with geographic demographic and employment data, including measures identifying socio-economically distressed neighborhoods. The consultant shall describe within the Task Report how these data are to be used in the development of the plan.

3C Deliverables: *Task memo summarizing findings from Subtask 3C. The memo is for inclusion in PMT presentations and the final report.*

3D: Land Use

The consultant shall review the land use adjacent to the corridor and its trip generation characteristics. Additionally, the consultant shall review all developments currently under active review as determined by the parish for the study area to identify if any potential issues or opportunities could be integrated or impact the success of the project.

3D Deliverables: *Task memo summarizing findings from Subtask 2D. The memo is for inclusion in PMT presentations and the final report.*

3E: Transportation Vulnerability Data Review

The RPC will provide the consultant with the most recently available data indicating the transportation system's vulnerability to various natural hazards within the study area. The consultant will consult with Tangipahoa Parish and DOTD to determine if the vulnerability accurately reflects conditions in the study area, and to identify additional vulnerable locations if appropriate.

3E Deliverables: *The consultant shall prepare a memo summarizing findings from the review of the vulnerability data and describing how these data will inform subsequent tasks. The consultant shall prepare maps and tables summarizing crash data for inclusion in PMT presentations and the final report.*

TASK 4: Data Collection

Please note: This project is not intended to initiate LADOTD's Traffic Engineering Process and Report (TEPR). References to TEPR are related to formatting and display of traffic data for ease and consistency of review.

4A: Infrastructure and Utilities Data

The consultant shall conduct fieldwork and use any relevant data from Task 3 to identify existing infrastructure conditions and utilities within the project study area. The consultant shall document information on roads within the study area, including lane widths, shoulder widths, pavement and sidewalk conditions, and intersections. The consultant will research and work with RPC, Tangipahoa Parish, and private utility providers to identify a list of utilities within or crossing the existing right of way. Potential conflicts will be identified and costs/methods for resolving conflicts will be developed. Cost estimates will be provided.

An assessment of right of way (R/W) needs including documenting rights of way along the existing corridor and needed additional right of way to accommodate anticipated needs will be undertaken. The consultant will document ownership of any right of way required for proposed improvements. Cost estimates for R/W based on current market conditions will be developed.

Information shall be documented in an appropriate geospatial/machine-readable spreadsheet format with accompanying maps/graphics showing infrastructure and utilities within the study area.

4A Deliverables: *Maps and geospatial data documenting infrastructure, utilities, and right of way information. The consultant will document outreach efforts and data collection methodology in an appendix in the report. The consultant will coordinate with RPC's GIS Coordinator to ensure compliance with RPC standards and industry best practices related to GIS products and printed mapping. These products will be included in the existing conditions report.*

4B: Motorized Traffic Counts

7-day, 24-hour bidirectional traffic volume counts will be conducted on specified segments of the project corridor at three locations. These counts will contain hourly subtotals and include vehicle classification amounts. Traffic count methodology to be followed is described in **Appendix A**. Per Appendix A, counts must be completed during a 7-day period that does not include a holiday or special event not typically seen at the site. Per DOTD traffic data collection policy, consultant will review the 24 hour counts and recommend a peak AM, Mid-day, and PM peak period to RPC PM. The RPC project manager will review and recommend approval or otherwise comment on changes required.

Traffic counts will be required on the segments as follows:

- Firetower Rd between LA 22 and Richoux Rd.
- Firetower Rd @ Richoux Rd. and Crown Drive
- Firetower Rd @ Crown Drive and Cabo Cove Dr.
- Firetower Rd @ Cabo Cove Dr. and Fayette Lane
- Firetower Rd @ Fayette Lane and Harvey Lavigne Rd
- Firetower Rd @ 500 feet south of US 190
- LA 22 @ 500 feet east of Firetower R
- LA 22 @ 500 feet west of Firetower Rd
- US 190 @ 500 feet east of Firetower Rd
- US 190 @ 500 feet west of Firetower Rd
- I-12 between LA 445 and LA 1077

Data collection for parallel corridor of LA 445

- LA 445 Between LA 22 and Mike Cooper Rd
- LA 445 Between Mike Cooper Rd and I-12
- LA 445 between I-12 and US 190
- LA 445 between US 190 and Shell Lane
- Two additional locations in or adjacent the corridor to be determined by PMT

4C. Non-Motorized Data Collection

Automated 24-hour, 7-day bicycle and pedestrian counts shall be collected at the above referenced locations using a DOTD-evaluated methodology described in LTRC 16-4SA (“Pedestrian and Bicyclists Count - Developing a Statewide Multimodal Count Program,” specifically Appendix D “Pedestrian and Bicycle Count Data: A Guide for Louisiana” - <https://www.ltrc.lsu.edu/pdf/2019/Appendix%20D.pdf>). Counts should be collected during the same period as motorized traffic counts. As a part of the data collection, temperature and weather conditions will be recorded.

4D: Turning Movement Counts (TMC’s)

The consultant will undertake weekday and weekend turning movement counts at up to 8 locations using the peak periods identified in Task 4B. Consultant shall document passenger vehicle, truck, bicycle, and pedestrian usage at each identified intersection for a three (3) hour period adjacent to the discerned AM and PM peak hour (1 hour before, 1 hour after). It is anticipated that turn movement counts will be required at the following sites listed below. Final locations will be approved by the RPC project manager before counts commence.

Firetower Corridor

- LA 22 at Firetower Rd
- Richoux Rd at Firetower
- Crown Dr. at Firetower Rd.
- Fayette at Firetower Rd.
- Harvey Lavigne at Firetower Rd.
- US 190 at Firetower Rd.

LA 445 Corridor

- LA 445 @ LA 22
- LA 445 @ Mike Cooper Rd.
- LA 445 @ Champ Cooper School
- LA 445 @ Haven Blvd.
- LA 445 @ I-12, South Side of Interchange
- LA 445 @ I-12, North Side of Interchange
- LA 445 @ R. Harper Rd.
- LA 445 @ US 190

Existing Levels of Service for each intersection will be determined using HCM criteria.

Task 4B, 4C, 4D Deliverable: Task product will include the transportation study network populated with existing and newly collected traffic data in spreadsheet format for inclusion in GIS, thereby establishing an existing conditions benchmark for use in the analysis. RPC project manager will review the deliverable and results, upon approval, the consultant will be authorized to begin subsequent tasks. The consultant

will coordinate with RPC's GIS Coordinator to ensure compliance with RPC standards and industry best practices related to GIS products and printed mapping. These products will be included in the existing conditions report.

Task 5: Existing Conditions Evaluation Report

With the documentation prepared in the previous tasks the consultant will prepare a report that:

- Summarizes existing planning efforts, land use changes, or implemented projects that would have a potential impact on the study area.
- Analyze, map, and describe the safety conditions of the corridor based on the provided 5-year crash data.
- Describe the motorized and bicycle and pedestrian traffic conditions of the roadway using data collected and from RPC model forecast data in the previous tasks.
- Describes locations within the study area where transportation infrastructure may be vulnerable to natural hazards.

Task 5 Deliverable: An existing condition report for the study area to be included in the draft and final report.

TASK 6: CONCEPTUAL PLANS AND TYPICAL SECTIONS / INTERCHANGES

6A: DESIGN YEAR TRAFFIC AND ANALYSIS

RPC will provide travel demand outputs from the previously mentioned study for use in this analysis. Growth rates will be derived from outputs of the previous study. The consultant will work with the PMT to determine a planning/ growth scenario based on previous work to be used for this effort. The consultant will use model outputs and other information gained from earlier analysis as input into a forecast year traffic analysis for a single build scenario.

Task 6A Deliverables: Task products will be to utilize model outputs from the **Land Use, Transportation, & Resilience Scenario Planning Study for East Tangipahoa, Louisiana** for forecast conditions in the Firetower Rd. and LA 445 corridors and to develop a forecast year traffic analysis for a single build scenario. These products will be included in the existing conditions report.

6B: Roadway

Firetower Road:

Currently, Firetower Road is functionally classified as a collector roadway. The consultant will review information collected in previous tasks and will submit a concept design classification for PMT review. Pending PMT concurrence, the consultant will prepare near term and long- term conceptual alternatives

for the corridor incorporating operational effectiveness, land use consequences, and economic and environmental feasibility for PMT consideration.

The consultant will prepare conceptual layouts of the proposed improvements on recent aerial photography provided by RPC at a scale of 1" = 200'. Plans will be developed at a planning level scale and will be used to as input for further advancement of feasible concepts derived from this analysis.

The consultant will adhere to the latest LADOTD policies related to access management for the corridor. Crash data collected in Task 3 will be used to identify potential countermeasures to be included in any feasible improvement options. Options will address complete streets best practices, including accommodation for pedestrians and cyclists. The consultants will review environmental data collected in Task 3 and identify opportunities to improve water management and resilience based on current best practices.

LA 445:

Currently, LA 445 is functionally classified as a collector roadway. The consultant will review information collected in previous tasks and will submit feasible alternatives for improvement. Pending PMT concurrence, the consultant will prepare near term and long- term conceptual alternatives-for the corridor incorporating operational effectiveness, land use consequences, and economic and environmental feasibility for PMT consideration.

The consultant will prepare conceptual layouts of the proposed improvements on recent aerial photography provided by RPC at a scale of 1" = 200'. Plans will be developed at a planning level scale, and will be used to as input for further advancement of feasible concepts derived from this analysis.

The consultant will adhere to the latest LADOTD policies related to access management for the corridor. Crash data collected in Task 3 will be used to identify potential countermeasures to be included in any feasible improvement options. Options will address complete streets best practices, including accommodation for pedestrians and cyclists. The consultants will review environmental data collected in Task 3 and identify opportunities to improve water management and resilience based on current best practices.

6C: Interchange:

Firetower Road:

Using information discerned from previous tasks, the consultant will review provide conceptual level layouts of an Interchange of I-12 at Firetower Rd, consistent with the latest version of the *ITE Freeway and Interchange Geometric Design Handbook*, and may include roundabouts. The consultant will review forecast volumes from the horizon year traffic forecast and conduct a high-level operational analysis of not more than three appropriate interchange configurations. The consultant will review prior Stage 0

study conducted for I-12 by LADOTD “Stage 0 Feasibility Study and Environmental Inventory: Interstate 12 LA 447 (Walker Rd) to I-59” for information specific to the existing overpass of Firetower Rd. The consultant will present results to PMT for review based on conceptual level environmental impacts/ geographic footprint, operational effectiveness/ safety, and cost. The consultant will identify issues and data to be further reviewed per DOTD/ FHWA’s Access Justification Report process and will present the results of this analysis to the PMT for review. Based on the type of interchange promulgated, the consultant will provide for the inclusion of optimal service road configurations/connections on the north and south sides of the proposed interchange and assume four legged intersections at same.

LA 445:

Using information discerned from previous tasks, the consultant will review potential design options for a concept level layout for improvements at the current interchange of I-12 and LA 445.

The consultant will review forecast volumes from the horizon year traffic forecast and conduct a high-level operational analysis and provide options that will enhance safety and operational effectiveness of the interchange. The consultant will identify issues and data to be further reviewed per DOTD/ FHWA’s present the results of this analysis to the PMT for review. Based on improvements promulgated, the consultant will provide for the inclusion of optimal service road configurations/connections on the north and south sides of the proposed interchange and assume four legged intersections at same.

***Task 6 B and C Deliverable:** Task products will be conceptual plan sheets and proposed typical sections for proposed improvements in both the near term and long term in the Firetower Road corridor, and improvement options to LA 445. The consultant will also provide conceptual layouts of proposed interchange configurations at Firetower Rd and I-12.*

TASK 6D: PRELIMINARY PURPOSE AND NEED

Based on work from previous tasks and in concert with RPC and the PMT, Consultant will develop a preliminary purpose and need statement for improvements to the Interchange at I-12/ LA 445 and a potential new Interchange at I-12 and Firetower Rd.

***Task 6C Deliverable:** The consultant shall develop a purpose and need statement for the proposed improvements to be used to progress proposed improvements.*

TASK 7: OPINION OF PROBABLE COST/ PROGRAM OF PROJECTS

The consultant will provide the PMT with a list of both short and long-term transportation and related capital improvements developed as result of earlier analysis, describing the forecast transportation deficiency, type of proposed improvement(s), and opinion of probable cost. The consultant will also prepare an order of magnitude cost estimate for the resilience assessment recommendations.

Consultant will develop a program of feasible conceptual projects whose goal will be to enhance resilience and operational efficiency while not denigrating safety concerns for the identified north south corridors. All projects developed will include eventual accommodation for pedestrians and non-motorized access. Potential projects will be identified in a tiered approach (near-term vs longer term) based on criteria established in concert with the PMT. Draft Scope and Budget Checklists and Environmental Checklists will be prepared for not more than two alternatives. Current scope and budget checklist, and the environmental check list can be found below.

Scope and Budget Checklist-

[http://wwwsp.dotd.la.gov/layouts/download.aspx?SourceUrl=/Inside_LaDOTD/Divisions/Multimodal/Stage_0/Preliminary%20Scope%20and%20Budget%20Checklist%20-%20MPO%20\(June%202023\).doc](http://wwwsp.dotd.la.gov/layouts/download.aspx?SourceUrl=/Inside_LaDOTD/Divisions/Multimodal/Stage_0/Preliminary%20Scope%20and%20Budget%20Checklist%20-%20MPO%20(June%202023).doc)

Environmental Checklist-

http://wwwsp.dotd.la.gov/layouts/download.aspx?SourceUrl=/Inside_LaDOTD/Divisions/Multimodal/Stage_0/00%20Revised%20Environmental%20Checklist.doc

Task 7 Deliverables: Consultant will develop a program of potential projects for the corridors that reflect a prioritized list of short and long-term transportation improvements with an opinion of probable costs for each development concept for further study and consideration.

TASK 8: DRAFT REVIEW

A draft of the report (five copies) with supporting documentation will be submitted to RPC for distribution to the PMT for review by, at the latest, 80% of project completion. Pending approval of the draft, RPC may, at its discretion, require the consultant to deliver hard copies to PMT members for their review.

The draft report will include, but not limited to a draft purpose and need for the projects, existing traffic conditions, forecasted traffic conditions, proposed highway improvements, including near term recommendations as well as longer term traffic management solutions, conceptual right of way needs, utility relocations, and environmental concerns.

Task 8 Deliverable: Development and circulation of draft report for PMT review and comment.

TASK 9: FINAL DELIVERABLES

Following review and approval of the draft submission, the consultant will provide RPC with ten (10) bound copies of the Final Land Use and Transportation Scenario Planning Study, documenting the information and analysis described above. Ten printed copies of the report and 10 disks in electronic format (pdf including all maps and visualizations) will be submitted by the consultant to the RPC for distribution.

Task 9 Deliverable: *Final report deliverable including ten bound and electronic copies of the study and all supporting data in table and GIS format, pdf maps, and other documentation.*

STUDY TIMELINE: Ten Months

BUDGET: \$275,000

Appendix A: Traffic Count Methodology

Traffic counts will be conducted at the locations specified in Section 4B of this scope of work.

Data Collection will consist of 48 hour sessions conducted between Monday and Friday. Traffic data collection will adhere to the following provisions:

1. Traffic counts shall not be conducted during holidays, annual festivals, Mardi Gras, or other abnormal traffic/inclement weather conditions. School zone traffic factors into the count data; therefore, the counts shall take place when school is in session, unless otherwise approved by RPC.
2. Volume and Vehicle Classification counts shall be performed on the same week or at the same time if possible.
3. Consultant must adhere to the provisions of 2016 LA DOTD Traffic Monitoring Manual, Chapter 4.0: Site Selection for Road Tube Placement and the FHWA 2016 Traffic Monitoring Guide (at least Chapter 3).
4. The consultant must utilize a raw traffic data file format that is compatible with the Traffic Server operated by the DOTD and certified as a current version of traffic data management software. The DOTD may require the MPO to use any acceptable or approved upload procedure to transmit the raw traffic data files to the DOTD. The data file format certification process and the upload procedure is provided by current software vendor hosting DOTD traffic data to the MPO free of charge. A list of compatible file formats may be obtained from the RPC or DOTD.
5. Routine volume monitoring sessions data provided shall include the nominal traffic volume, and the latitude and longitude coordinates of the site obtained by global positioning system (GPS) technology and recorded during the monitoring session at each site designated and identified by a station number. The nominal traffic volume shall be based on the number of axles recorded assuming 2 axles per vehicle. Sites located on divided highways and other locations agreed to in advance will require two installations, one for each direction of traffic. For each of these sites, the monitoring sessions will be simultaneous and the nominal traffic volume data will be reported by direction (North/South or East/West). The data shall be uploaded regularly as the work is completed, such that, in general, the monitoring sessions reported in a submittal are no more than approximately one month old.
6. 48-hour traffic counts must:
 - (a) Be conducted on all approaches to the intersection and the data collected in 15-minute intervals and submitted in approved electronic format.
 - (b) Have a 48-hour vehicle classification monitoring session that shall be conducted in both directions on the highest volume approach to the intersection, collected in 15-minute intervals and submitted in an

approved electronic format. Classification counts shall include the percent of each vehicle type as defined by FHWA Traffic Monitoring Guide.

7. 15 minute counts with demand volumes included (Peak Hour Counts):
 - (a) May be requested during morning, midday, and evening peak hours at intersections, median opens, and driveways.
 - (b) The terminology “with demand volumes included” requires the MPO to use procedures described in The Manual of Transportation Engineering Studies, 2nd Edition to determine arrival volumes. Arrival volumes shall be recorded when the demand exceeds the capacity and queues develop. Queues will develop when the intersection/driveway/median opening becomes saturated. Arrival volumes can be approximated by relating the departure count to the number of vehicles in the queue.
8. Monthly electronic upload of collected traffic data onto the DOTD Traffic Data Management System (TDMS) in a timely/routine fashion is expected.
9. A detailed description of the type of sensors including the name and manufacturer of the traffic monitoring equipment to be used is to be provided to DOTD.
10. The DOTD requires the MPO to develop or have developed a Quality Assurance /Quality Control program to reasonably assure the collecting and reporting of accurate and quality traffic data. The MPO must also reasonably assure good quality data and minimally adhere to the TMG standards and guidelines required for collecting and reporting traffic monitoring data

The consultant will be responsible for the organization, processing, and delivery of the traffic data. Data will be provided to the RPC in the following formats:

1. A Microsoft Excel compatible (.xls or .csv) spreadsheet summarizing average daily traffic, based on a template to be provided by RPC. The spreadsheet must include latitude and longitude of the location of each count with projection information, including datum unit of measure and an assigned unique ID; AND
2. An ESRI compatible geographic file (shapefile or feature class) summarizing average daily traffic, based on a template to be provided by the RPC which will include count location unique ID (LOCAL_ID or IntID) and location description.
3. Raw traffic data files in a format that is compatible with the most current traffic data management software operated by the LA DOTD (currently MS2 Traffic Count Database System (TCDS). A list of compatible file formats for LA DOTD upload may be obtained here: <https://docs.ms2soft.com/docs/ms2-help-data-import>