

**Scope of Services**  
**RPC Traffic Counting Program Update**  
**2024-2025 Transportation System Surveillance**  
**Multimodal/ Freight Corridors**  
**Regional Planning Commission**  
**RPC Task A-1.25TC: FY-25 UPWP**

**PURPOSE AND OBJECTIVES**

The purpose of this project is to support the Regional Planning Commission in updating its traffic count database. The consultant will collect traffic volume and vehicle classification data at 80 locations within Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, and/or St. John the Baptist Parish. These counts will help inform transportation planning by providing an up to date view of traffic conditions on the region's major roadways.

**SCOPE OF SERVICES**

Count Locations

The consultant will collect traffic volume and vehicle classification data at 80 locations, including the 75 roadway segments listed in Appendix A and at an additional 5 locations to be determined by the RPC at a later date. The consultant should attempt to collect counts at locations as close as possible to the latitude and longitude listed for each site in Appendix A. For locations that do not have a predetermined latitude and longitude, the consultant should select the most appropriate site following consultation with the RPC Project Manager. Any issues regarding the exact location of the count within the roadway segment will be resolved in consultation with RPC.

The 5 additional locations will be determined before the onset of the overall counting program. All will be within Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, or St. John the Baptist Parish, and will be on a roadway that is accessible by the consultant.

In the event of a roadway closure, detour, or lane modification due to construction or other activity, consultant will advise the RPC Project Manager of the issue and will work with same to adjust site locations within delineated roadway sections or otherwise make accommodation for revised count location.

Data Collection

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) 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).
- 3) 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. A list of compatible file formats may be obtained from the RPC or DOTD.
- 4) 48-hour traffic counts will be collected at 15 minute intervals. Data delivery will include 15-minute interval counts, peak hour counts, average daily traffic counts, total classification counts, and percentage of each vehicle type as defined by FHWA Traffic Monitoring Guide (TMG). The nominal traffic volume shall be based on the number of axles recorded assuming 2 axles per vehicle. Average daily traffic count data will be adjusted using

the most recent, DOTD approved Traffic Count Adjustment Factor guidance. Both the adjusted and non-adjusted counts will be provided to the RPC. Counts must have a 48-hour vehicle classification monitoring session that shall be conducted in both directions, collected in 15-minute intervals.

- 5) Volume and vehicle classification counts shall be performed on the same week or at the same time if possible.
- 6) For both volume and vehicle classification counts: Data provided shall include 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. Data must be collected for each direction of travel and the nominal traffic volume data will be reported by direction (North/South or East/West). 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.
- 7) 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 RPC.
- 8) The consultant will adhere to a Quality Assurance /Quality Control program to reasonably assure the collecting and reporting of accurate and quality traffic data. The consultant must also reasonably assure good quality data and minimally adhere to the TMG standards and guidelines required for collecting and reporting traffic monitoring data.

### **DELIVERABLES**

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) 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 a unique ID provided by the RPC for each location;  
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 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>

### **PROJECT TIMELINE**

7 Months

### **COMPENSATION**

\$40,000

**Appendix A: Count Locations**

No.	Street Name	From	To	Parish	Longitude	Latitude
1	Causeway Blvd.	I-10	US 61 / Airline Hwy.	Jefferson	-90.15612	29.97928
2	Causeway Blvd.	LA 48 / Jefferson Hwy.	River Road	Jefferson		
3	Power Blvd.	W. Esplanade Ave.	I-10	Jefferson	-90.22359	30.01514
4	Hickory Ave.	US 61 / Airline Hwy.	Earhart Blvd.	Jefferson		
5	Dickory Ave.	Earhart Blvd.	Citrus Blvd.	Jefferson	-90.20478	29.96791
6	Hickory Ave.	Citrus Rd.	10th St.	Jefferson	-90.20301	29.95842
7	Hickory Ave.	10th St.	LA 48 / Jefferson Hwy.	Jefferson	-90.20153	29.95262
8	LA 23 / Belle Chasse Hwy.	US 90 B / Westbank Expressway	Whitney Ave.	Jefferson	-90.04567	29.89948
9	LA 23 / Belle Chasse Hwy.	Whitney Ave.	Terry Pkwy.	Jefferson	-90.03747	29.89348
10	LA 23 / Belle Chasse Hwy.	Behrman Hwy.	Parish Line	Jefferson		
11	LA 3134 / Lafitte Pkwy.	Barataria Blvd. & Lafitte Pkwy. (N Intersection)	Destrehan Ave.	Jefferson		
12	LA 3134 / Lafitte Pkwy.	Destrehan Ave.	Barataria Blvd. & Lafitte Pkwy. (S Intersection)	Jefferson	-90.09964	29.78254
13	LA 3152 / Clearview Pkwy.	US 61 / Airline Hwy.	Earhart Blvd.	Jefferson	-90.17912	29.97165
14	LA 45 / Barataria Blvd.	US 90 B	Patriot St.	Jefferson	-90.10008	29.89319
15	LA 45 / Barataria Blvd.	Patriot St.	Lapalco Blvd.	Jefferson	-90.09863	29.87964
16	LA 45 / Barataria Blvd.	Lapalco Blvd.	Barataria Blvd. & Lafitte Pkwy. (N Intersection)	Jefferson	-90.10027	29.85940
17	LA 48 / Jefferson Hwy.	Williams Blvd.	Filmore St.	Jefferson	-90.24272	29.97240
18	LA 48 / Jefferson Hwy.	Filmore St.	Little Farms Ave.	Jefferson	-90.23485	29.97014
19	LA 48 / Jefferson Hwy.	Little Farms Ave.	Citrus Rd.	Jefferson	-90.21962	29.95900
20	LA 48 / Jefferson Hwy.	Citrus Rd.	Rural St.	Jefferson	-90.21409	29.95029
21	LA 48 / Jefferson Hwy.	Rural St.	Hickory Ave.	Jefferson	-90.21161	29.93756
22	LA 48 / Jefferson Hwy.	Hickory Ave.	Edwards Ave.	Jefferson	-90.18704	29.94216
23	LA 48 / Jefferson Hwy.	Edwards Ave.	Clearview Pkwy.	Jefferson	-90.18206	29.94909
24	LA 428 / Behrman Hwy.	LA 23	Holmes Blvd.	Jefferson	-90.01933	29.89122

25	US 90 B / Westbank Expressway	Ames Blvd.	Westwood Dr.	Jefferson	-90.12000	29.89365
26	US 61 / Airline Hwy.	Williams Blvd.	David Dr.	Jefferson	-90.22840	29.97894
27	US 61 / Airline Hwy.	Clearview Pkwy.	Causeway Blvd.	Jefferson	-90.17306	29.97537
28	US 61 / Airline Hwy.	Causeway Blvd.	Orleans Parish Line	Jefferson	-90.14977	29.97412
29	US 90	St. Charles Parish Line	Lapalco Blvd.	Jefferson	-90.23974	29.91222
30	US 90	Lapalco Blvd.	US 90 B / Westbank Expressway	Jefferson	-90.18361	29.90964
31	US 90 / Jefferson Hwy.	Clearview Pkwy.	Causeway Blvd.	Jefferson	-90.16198	29.96310
32	US 90 / Jefferson Hwy.	Causeway Blvd.	Monticello Ave.	Jefferson	-90.15532	29.96291
33	Veterans Blvd.	Crestview St.	Loyola Dr.	Jefferson		
34	Veterans Blvd.	Loyola Dr.	Williams Blvd.	Jefferson	-90.25330	30.00635
35	Williams Blvd.	W. Esplanade Ave.	Vintage Dr.	Jefferson	-90.23848	30.02977
36	Williams Blvd.	I-10	W. Esplanade Ave.	Jefferson	-90.23984	30.01492
37	Williams Blvd.	Veterans Blvd.	I-10	Jefferson	-90.24053	30.00696
38	Williams Blvd.	US 61	Veterans Blvd.	Jefferson	-90.24438	29.98157
39	Gen. Meyer	Behrman Ave.	Merrill St.	Orleans		
40	Gen. Meyer	Merrill St.	Wiltz Ln.	Orleans		
41	Gen. Meyer	Wiltz Ln.	Woodland Dr.	Orleans	-90.01207	29.93586
42	LA 3021 / Elysian Fields Ave.	Gentilly Ave.	I-610	Orleans	-90.05898	29.99819
43	LA 3021 / Elysian Fields Ave.	I-610	I-10	Orleans	-90.05806	29.98530
44	LA 3021 / Elysian Fields Ave.	I-10	Claiborne Ave.	Orleans	-90.05733	29.97750
45	LA 3021 / Elysian Fields Ave.	Claiborne Ave.	St. Claude Ave.	Orleans	-90.05719	29.97106
46	LA 39 / Claiborne Ave.	France	Forstall	Orleans	-90.02596	29.96905
47	LA 39 / Claiborne Ave.	Forstall	Parish Line	Orleans	-90.01172	29.96527
48	Gen. DeGaulle Dr.	US 90 B / Westbank Expressway	Wall Blvd.	Orleans	-90.03584	29.93031
49	Gen. DeGaulle Dr.	Wall Blvd.	McArthur Blvd.	Orleans	-90.02294	29.92563
50	Gen. DeGaulle Dr.	McArthur Blvd.	Behrman Hwy.	Orleans	-90.01805	29.92356
51	Gen. DeGaulle Dr.	Kabel	Sullen Place.	Orleans	-89.98802	29.90762
52	LA 46 / St. Claude Ave.	Elysian Fields Ave.	Industrial Canal	Orleans	-90.05507	29.96863
53	LA 46 / St. Claude Ave.	Industrial Canal	Parish Line	Orleans	-90.02765	29.96388

54	LA 428 / Behrman Hwy.	Holmes Blvd.	Gen. DeGaulle Dr.	Orleans	-90.01763	29.91538
55	US 90 / Broad St.	Canal St.	Esplanade	Orleans	-90.08114	29.97272
56	US 90 / Broad St.	Esplanade Ave.	St. Bernard Ave.	Orleans	-90.07406	29.98084
57	US 90 / Broad St.	St. Bernard	I-610	Orleans	-90.06572	29.99151
58	US 90 / Broad St.	Elysian Fields Ave.	Franklin Ave.	Orleans	-90.05518	30.00237
59	US 90 / Gentilly Ave.	Franklin Ave.	France Rd.	Orleans	-90.04205	30.00309
60	US 90 / Chef Menteur Hwy.	Downman Rd.	I-10	Orleans	-90.01694	30.01039
61	US 61 / Airline Hwy.	St. John the Baptist Parish Line	Ormond Blvd.	St. Charles	-90.44269	30.04171
62	US 61 / Airline Hwy.	Ormond Blvd.	I-310	St. Charles	-90.33707	29.97990
63	US 61 / Airline Hwy.	I-310	Jefferson Parish Line	St. Charles	-90.30391	29.97246
64	US 90	Bayou Des Allemands	LA 306	St. Charles	-90.44194	29.87290
65	US 90	LA 306	I-310	St. Charles	-90.43710	29.87640
66	US 90	I-310	Barton Ave.	St. Charles	-90.27090	29.91422
67	US 90	Barton Ave.	Jefferson Parish Line	St. Charles	-90.34623	29.91341
68	LA 3188 / Belle Terre Blvd.	I-10	Fairway Dr.	St. John the Baptist	-90.50552	30.09716
69	LA 3188 / Belle Terre Blvd.	Fairway Dr.	Airline Hwy.	St. John the Baptist	-90.50290	30.08607
70	US 51	I-10	Bamboo Rd.	St. John the Baptist	-90.44596	30.08605
71	US 51	Bamboo Rd.	US 61 / Airline Hwy.	St. John the Baptist	-90.47742	30.07052
72	US 61 / Airline Hwy.	St. James Parish Line	LA 637	St. John the Baptist	-90.59309	30.07644
73	US 61 / Airline Hwy.	LA 637	Belle Terre Blvd.	St. John the Baptist	-90.52058	30.07702
74	US 61 / Airline Hwy.	Belle Terre Blvd.	US 51	St. John the Baptist	-90.48275	30.06798
75	US 61 / Airline Hwy.	US 51	St. Charles Parish Line	St. John the Baptist	-90.47790	30.06485