

Scope of Services
RPC Traffic Counting Program Update
2017 Transportation System Surveillance
Regional Planning Commission
RPC Task A-1.18 TC: FY-18 UPWP

TASK OBJECTIVE DESCRIPTION

Purpose and Objectives

The purpose of this project is to support the Regional Planning Commission in updating its traffic count database. 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

In coordination with RPC staff, the consultant will collect traffic data at 50 locations, including the 42 roadway segments below and at an additional 8 locations to be determined by the RPC and the consultant.

Data collection will consist of 48 hour sessions conducted between Monday and Friday excluding holidays or other times where roadway conditions are deemed abnormal due to external events, such as festivals or sporting events. These sessions will collect traffic counts and classification counts as follows:

- 48 hour traffic and classification counts will be collected at 15 minute intervals and averaged to 24 hour ADT. Delivery will include 15 minute interval counts, total class counts, and percentage of vehicle types. Definitions of peak hour will be determined by RPC. Classification counts and traffic counts will be directional.

Data will be associated with X/Y coordinates collected by GPS equipment that is pre-approved by RPC. Data collection will be conducted using accepted FHWA & LADOTD traffic data collection procedures and methodology. The consultant will be responsible for adjustment of the average daily traffic count data using DOTD approved Traffic Count Adjustment Factor guidance. RPC will provide the consultant with the methodology to perform this task.

DELIVERABLES

The consultant will be responsible for the organization, processing, and delivery of the traffic data. Following the notice to proceed and prior to the commencement of data collection efforts, RPC and the consultant will discuss the details of data delivery. The database deliverable will conform to a pre-approved format to ensure compatibility with RPC's internal database structure.

The consultant will submit one (1) hard copy of all traffic data collected in report form with a table of contents and five (5) CD/DVD discs with an electronic version of the complete report (PDF or Word format) and electronic files with all traffic data collected and in the agreed upon format.

PROJECT TIMELINE

Traffic counts will only be collected during time frames approved by RPC, and should not include weekends, holidays, or other designated days when primary and secondary schools are out of session. The project is anticipated to take **4 months** from the Notice to Proceed.

COMPENSATION

\$22,000

COUNT LOCATIONS

The consultant will conduct counts as described above on the following roadway segments, plus 8 locations to be determined through consultation with the RPC, for a total of 50 counts. Any issues regarding the exact location of the count within the roadway segment will be resolved in consultation with RPC.

The 8 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 Parish, and will be on a roadway that is accessible by the consultant.

	Parish	Roadway	From	To
1	Jefferson	Lapalco Blvd.	Destrehan Ave.	LA 3017 (Peters Rd.)
2	Orleans	Eton St.	Durham Dr.	Berkley Dr.
3	Orleans	Florida Ave.	France Rd.	Jourdan Ave
4	Orleans	Leon C. Simon Dr.	Lakeshore Dr.	Downman Rd.
5	Orleans	M.L. King Jr. Blvd.	Claiborne Ave.	St. Charles Ave.
6	Orleans	Magazine St.	Broadway St.	East Dr.
7	Orleans	Magazine St.	East Dr.	Nashville Ave.
8	Orleans	Marconi Dr./Orleans Ave.*†	City Park Ave	Navarre Ave.
9	Orleans	Marconi Dr.†	I-610	Harrison Ave.
10	Orleans	Marconi Dr.†	Harrison Ave.	R.E. Lee Blvd.
11	Orleans	Morrison Rd.	Mayo Blvd.	Read Blvd.
12	Orleans	Morrison Rd.	Read Blvd.	Bullard Ave.
13	Orleans	Opelousas Ave.	Verret St.	Behrman Ave.
14	Orleans	St. Charles Ave.	Nashville Ave.	Napoleon Ave.
15	Orleans	Verret St.	Newton St.	Patterson Rd.
16	St. Bernard	Aycock St.	LA 46	N. Peters St.

17	St. Charles	E Heather Dr.	Willowdale Blvd.	Lakewood Dr.
18	St. Charles	E/W Harding St.	US 61	LA 48 (River Rd.)
19	St. Charles	Evangeline Rd.	US 61	LA 628 (River Rd.)
20	St. Charles	Judge Edward Dufresne Pkwy.	LA 18	Terminus
21	St. Charles	Lakewood Dr.	US 90	E. Heather Dr.
22	St. Charles	Ormond Blvd.	Villere Dr.	LA 48 (River Rd.)
23	St. Charles	Ormond Blvd.	US 61	Villere Dr.
24	St. Charles	Primrose Dr.	Oak Ln.	River Ridge Rd.
25	St. Charles	River Bend Dr.	US 61	LA 48 (River Rd.)
26	St. Charles	W Heather Dr.	Lakewood Dr.	Oak Ln
27	St. Charles	Willowdale Blvd.	US 90	E. Heather Dr.
28	St. John the Baptist	Cambridge Dr.	US 61	Fairway Dr.
29	St. John the Baptist	Cambridge Dr.	Fairway Dr.	Woodland Dr.
30	St. John the Baptist	Cardinal Dr.	US 61	LA 628
31	St. John the Baptist	Carrollwood Dr.	US 61	Fairway Dr.
32	St. John the Baptist	Fairway Dr.	LA 3188 (Belle Terre Blvd.)	Carrollwood Dr.
33	St. John the Baptist	Fairway Dr.	Carrollwood Dr.	Greenwood Dr.
34	St. John the Baptist	Garyville Northern St.	LA 54	Anthony F. Monica St.
35	St. John the Baptist	Main St.	US 51	US 61
36	St. John the Baptist	Railroad Ave.	W. 19th St.	W. 10th St.
37	St. John the Baptist	Railroad Ave.	W. 10th St.	LA 53 (Central Ave.)
38	St. John the Baptist	S Church St.	Anthony F. Monica St.	LA 44
39	St. John the Baptist	St. Andrews Blvd.	LA 3188 (Belle Terre Blvd.)	Country Club Dr.
40	St. John the Baptist	W 19Th St.	US 61	Railroad Ave.
41	St. John the Baptist	W 19Th St.	Railroad Ave.	LA 44
42	St. John the Baptist	Woodland Dr.	US 51	Cambridge Dr.

* Counts shall be collected on northbound Marconi Dr. and southbound Orleans Ave.

† Counts on Marconi Dr./Orleans Ave. shall be scheduled in consultation with RPC staff.