



ST. CHARLES PARISH

DEPARTMENT OF PUBLIC WORKS

100 RIVER OAKS DRIVE • DESTREHAN, LOUISIANA 70047

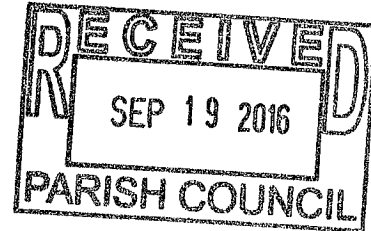
(985) 783-5102 • (985) 783-5104 • FAX (985) 725-2250

Website: www.stcharlesparish-la.gov

LARRY COCHRAN
PARISH PRESIDENT


CLAYTON FAUCHEUX
DIRECTOR

MEMORANDUM



DATE: September 15, 2016

TO: Mr. Terrell D. Wilson
Councilman District I

FROM: Clayton Fauchaux 
Director of Public Works/Wastewater

RE: **“All-Way” STOP at the Intersection of
South Destrehan Ave and Church St**

As you requested, in your August 29, 2016 memorandum (copy attached), a survey was done to determine whether an “All-Way” STOP Sign should be installed at the above referenced intersection.

The Department of Public Works has inspected the site and notes that there are “STOP” signs on Church St and no signs on South Destrehan Ave. South Destrehan Ave does begin a “S” curve near the intersection with Church St and limited visibility along South Destrehan Ave was noted.

Manual on Uniform Traffic Control Devices (MUTCD) gives the following criteria that should be met before installing an “All-Way” STOP sign:

- A. Where traffic control signals are justified, the “All-Way” stop is an interim measure that can be installed quickly to control traffic while arrangements are being made for the installation of the traffic control signal.
- B. A crash problem, as indicated by 5 or more reported crashes in a 12-month period that are susceptible to correction by an “All-Way” STOP installation. Such crashes include right- and left-turn collisions as well as right-angle collisions.
- C. Minimum volumes:
 1. The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day, and

2. The combined vehicular, pedestrian, and bicycle volume entering the intersection from the minor street approaches (total of both approaches) averages at least 200 units per hour for the same 8 hours, with an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour, but
3. If the 85th-percentile approach speed of the major-street traffic exceeds 65 km/h or exceeds 40 mph, the minimum vehicular volume warrants are 70 percent of the above values.

D. Where no single criterion is satisfied, but where Criteria B, C.1, and C.2 are all satisfied to 80 percent of the minimum values. Criterion C.3 is excluded from this condition.

Our survey revealed that none of these apply to the intersection and based on those criteria would be denied. The MUTCD does make allowances for the use of engineering judgement based on other criteria not listed. It is the opinion of Mr. Lawrence Zeringue, PE, Senior Parish Engineer that the "S" curve along South Destrehan Ave creates enough limit visibility that the installation of "STOP" signs along South Destrehan Ave, thereby creating an "All-Way" STOP condition, would be beneficial. Based on this information Public Works does not have an objection to the installation of an "All-Way" STOP at this intersection

Should you have any questions or comments please do not hesitate to call.

Attachment

CF/lpz

cc: Parish Council
c/o Ms. Tiffany K. Clark

Mr. Lawrence "Lee" Zeringue, PE
Senior Parish Engineer