



ST. CHARLES PARISH

DEPARTMENT OF PUBLIC WORKS

100 RIVER OAKS DRIVE • DESTREHAN, LOUISIANA 70047

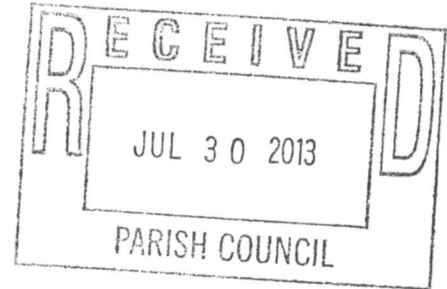
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V.J. ST. PIERRE, JR.
PARISH PRESIDENT

SAM SCHOLLE
DIRECTOR

MEMORANDUM



DATE: July 24, 2013

TO: Mr. Clayton Fauchaux, Jr.
Councilman at Large, Division B

FROM: Sam Scholle *SS*
Director of Public Works/Wastewater

RE: **"4-Way Stop" at the Intersection of
Matthew Drive and First Street**

As you requested, in your June 19, 2013 memorandum (copy attached), a survey was done to determine whether a "4-Way STOP Sign" should be installed at the above referenced intersections.

The Department of Public Works has inspected the site and notes that there are "STOP" signs on First St with Matthew Dr as a through street.

Manual on Uniform Traffic Control Devices (MUTCD) gives the following criteria that should be met before installing a Multiway STOP sign:

- A. Where traffic control signals are justified, the multiway 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 a multiway 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 above intersection. For these reasons the Department of Public Works cannot recommend the installation of the "4-Way STOP."

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

Attachment

SS/lpz

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

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