



# PARISH OF ST. CHARLES

## DEPARTMENT OF PUBLIC WORKS

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CHRIS A. TREGRE  
PARISH PRESIDENT

RICHARD P. WRIGHT, P.E.  
DIRECTOR

### MEMORANDUM



DATE: August 23, 1999

TO: Mr. Terry Authement,  
Councilman, District IV

FROM: Richard P. Wright, P.E. *R. Wright*  
Director of Public Works/Wastewater

RE: **"4-Way Stop" at the Intersections of Mark Street  
With First and Second Streets  
Bayou Gauche**

As you requested, in your July 24, 1999 memorandum (copy attached), a survey was done to determine whether a "4-Way STOP Sign" should be installed at the above referenced intersection.

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

- Where traffic signals are warranted and urgently needed. The STOP sign can be used as an interim measure until traffic signals are installed.
- 5 or more reported accidents within the last 12 months, which could have been prevented with STOP signs.
- Minimum traffic volumes:
  - (a) Total vehicular volume enter the intersection from all approaches must average at least 500 vehicles per hour for any 8 hour of an average day and
  - (b) The combined vehicular and pedestrian volume must average 200 units per hour for the same 8 hours, with an average delay to minor street traffic of at least 30 seconds per vehicle during the maximum hour, but
  - (c) When the 85-percentile approach speed of the major street traffic exceeds 40 mph, the minimum vehicular volume warrant is 70% of the above requirements.

Our survey revealed that none of these apply to the intersection.

Should new information become available that may warrant STOP Signs, we will re-evaluate our decision.

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

Attachment

cc: Mr. David Overstreet, P.E.  
Drainage Engineer

Mr. Lawrence Zeringue, E.I.T.  
Assistant Engineer