

REQUEST FOR COUNCIL ACTION

Agenda Section: **Petitions, Requests,
Communications**

Originating Department:

Date:

No: 3

City Engineer

11/01/21

Item: **Request for a 4-Way Stop at Intersection of Broadway Street and Baker Street**

No. 3.6

SUMMARY OF REQUESTED ACTION:

There has been a request for 4-way stops at the intersection of Broadway Street and Baker Street.

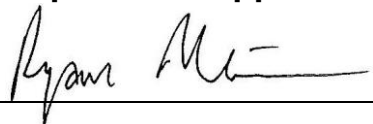
There are three criteria which must be met to warrant a 4-way stop intersection. The first criteria is five or more crashes within a 12-month period that are susceptible to correction by a 4-way stop installation. At this intersection, there have been 12 such accidents in the last 5 years, but not 5 accidents in a 12-month period.

The other two criteria to warrant a 4-way stop is the vehicular volume entering the intersection from the major street (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of the day, and the minor street volume averages at least 200 vehicles per hour for the same 8 hour period, meaning the major street must have 2,400 vehicles within an 8-hour period and the minor street must have 1,600 vehicles in the same period. At this intersection, Broadway Street averages 357 vehicles per hour over the busiest 8 hour period of the day, and Baker Street averages 133 vehicles per hour over the same 8 hour period.

Due to the number of accidents not meeting warrants, as well as traffic on Baker Street not meeting the requirements for an 8-hour period, staff would recommend to not approve the 4-way request as drivers are more likely to run through stop signs which are not warranted, which could in turn lead to an increase in accidents in this location.

In Council concurs, a motion to deny the attached ordinance would be in order.

Department Approval:



City Manager Approval:

