

**ROCHELLE CITY COUNCIL
AGENDA ITEM MEMO
REGULAR MEETING**

SUBJECT: Ordinance Amending Chapter 94 Article III Section 94-102,103,106

Staff Contact: Tim Isley

Summary: City staff have received concerns regarding the flow of traffic and pedestrian safety at the intersection of N.9th Street and 10th Avenue. This is a T intersection with 9th Street serving as the through street and 10th Avenue having a controlled stop. This is a busy intersection with an annual average daily traffic volume (AADT) of 2900 vehicles on N. 9th Street and 2050 vehicles on 10th Avenue. Tilton Elementary School is located at the Northwest corner of this intersection and residential housing surrounds the remainder.

At times, especially before and after school, this intersection becomes congested as vehicles are turning on and off 10th avenue to drop off and pick up children from school. As traffic moves through the intersection and motorists wait for approaching vehicles to clear, traffic becomes backed up causing confusion. This confusion is enhanced as the crossing guard stops traffic to safely move children through the intersection.

After review of this intersection and based upon the Manual on Uniform Traffic Control Devices (MUTCD) guidance and warrants, along with best practices and engineering judgement, City staff have determined that designating the intersection of 9th Street and 10th Avenue as an all-way stop intersection will better facilitate the orderly movement of traffic and enhance safety for motorists, pedestrians, and emergency responders.

Stop signs encourage motorists to pay closer attention to pedestrians and other vehicles. Converting this T intersection to an all-way stop will provide several safety and operational benefits. Requiring all vehicles to stop can distribute right of way more fairly reducing backups and will create more predicable conditions allowing pedestrians safer opportunities to cross. This will also allow the crossing guard to more effectively manage crossings.

Additionally, Staff have received several safety concerns and reports of near misses from motorists, residents, and pedestrians at the yield intersections of Joanne Avenue & Westview Dr, 9th Avenue & 10th Street and Avenue B and S. 10th Street. As part of amending chapter 94 of Rochelle's municipal code and based on guidance and warrants from the MUTCD, Engineering judgement, and best practices, City staff believe it is in the best interest of the City to convert these intersections of from yield to stop intersections. Reasons for making these changes include visibility concerns, increased traffic, poor compliance, and pedestrian safety.

Funding Sources:

Source:	Budgeted Amount:		Proposed Expenditure:

Recommendation: Consider approving an ordinance Amending Chapter 94 Article III Section 94-102,103,106 designating the intersection of 9th Street and 10th Avenue as an all-way stop and converting the intersections of Joanne Avenue & Westview Dr, 9th Avenue & 10th Street and Avenue B and S. 10th Street from controlled yield intersections to controlled stop intersections.

