



Legislation Text

File #: 18-481, Version: 1

TO: Mayor and Members of City Council

THRU: Kristoff Bauer, Deputy City Manager

FROM: Sheila Thomas-Ambat, PE, CCM, CFM, Interim Public Services Director

DATE: October 22, 2018

RE: NCDOT projects to install four way stops at the intersections of Sapona Road at Plymouth Street and Clinton Road at Plymouth Street

COUNCIL DISTRICT(S):

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Relationship To Strategic Plan:

Goal I: Safe and Secure Community

Objective B: To ensure traffic safety by striving to reduce preventable vehicle accidents and traffic related fatalities and injuries

Executive Summary:

NCDOT is proposing to revise the traffic control at the intersections of Sapona Road at Plymouth Street and Clinton Road at Plymouth Street to four way stop locations. Currently, Plymouth Street is the stop approaches at both these intersections and Sapona Road and Clinton Road are not required to stop. This proposal results from an NCDOT investigation of the accident history at these locations. The recommendation to convert these intersections to four way stops is intended to correct this accident history.

Although both Sapona Road and Clinton Road are NCDOT maintained streets, Plymouth Street is a city maintained street at both these intersections. NCDOT is forwarding this information for any comments or questions Council may have regarding these proposed projects. NCDOT has coordinated with City Traffic Services staff to develop these recommendations and staff concurs the projects could improve the safety and operation of these intersections.

Background:

These locations were identified as a part of NCDOT's 2017 and 2018 Highway Safety Improvement Program. Once identified on this program, an accident history and field investigation was conducted by NCDOT to determine recommendations for revisions to the traffic control. NCDOT coordinated

with City Traffic Services staff to review the accident history and data from the field investigation and develop the recommendations for the proposed revisions.

Issues/Analysis:

NCDOT conducted a review of the most recent five (5) year reported accident history at the Sapona Road and Plymouth Street intersection and a review of the ten (10) year accident history at the Clinton Road and Plymouth Street intersection. Below is a summary of the accident information.

Sapona Road at Plymouth Street

21 Total Accidents Reported, 3/1/2013 to 2/28/2018

17 Accidents were Angle or Frontal Impact Type which are considered correctable by the installation of a four way stop

Clinton Road at Plymouth Street

24 Total Accidents Reported, 1/1/2008 to 12/31/17

21 Accidents were Angle or Frontal Impact Type which are considered correctable by the installation of a four way stop

Budget Impact:

There is no impact to the City's budget for these proposed projects. NCDOT will provide the funding of the proposed projects.

Options:

No Action Required

Recommended Action:

No Action Required - this is an administrative report for information only.

Attachments:

NCDOT project packets and report forms