

ORDINANCE NO. 2021-50

AN ORDINANCE DESIGNATING THE INTERSECTION OF
COLUMBIA AVENUE AND LAKE ROAD AS A FOUR-
WAY STOP INTERSECTION.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF VINELAND, THAT:

SECTION 1. Pursuant to the provisions of N.J.S.A. 39:4-140, the following intersection is hereby designated as a four-way stop intersection. The intersection is currently a 2-Way Stop with Lake Road being the stop-controlled roadway. Stop signs shall also be installed on Columbia Avenue.

NAME OF STREET:

AT INTERSECTION OF:

Columbia Avenue

Lake Road

SECTION 2. All ordinances or parts thereof inconsistent with the provisions of this ordinance are hereby repealed to the extent of such inconsistency.

SECTION 3. This ordinance shall take effect upon passage and publication as provided by law and upon approval of the Cumberland County Board of Chosen Freeholders and the Commissioner of Transportation of the State of New Jersey.

Passed first reading:

Passed final reading:

President of Council

Approved by the Mayor:

Mayor

ATTEST:

City Clerk

July 14, 2021



RE: Columbia Avenue
Request for New Stop Intersection Ordinance

Bob Dickenson, Business Administrator:

Due to a few recent serious crashes as well as resident concerns, the Engineering Division conducted a study to determine the need for a 4-Way STOP at the intersection of Columbia Avenue and Lake Road. The intersection is currently a 2-Way STOP with Lake Road being the stop-controlled roadway.

To determine if the installation of a 4-Way STOP is warranted, a study was conducted to determine if the intersection met the Manual on Uniform Traffic Control Devices (MUTCD) warrant requirements for traffic volume and crash experience.

Although the intersection does not meet MUTCD warrant criteria for vehicular volume or crashes, a 4-Way STOP is recommended at this intersection for the following reasons:

- a. The severity of the crashes at the intersection,
- b. High vehicular speeds,
- c. The side street (stop approach) having double the traffic compared to the thru street (69/31).
- d. The total measured volume for Lake Road was 147 vehicles per hour, which meets the MUTCD minimum 140 vehicles per hour for an 8 hour period for the minor approach.
- e. Stop control should be on Columbia Avenue only based on the traffic volumes, but this would be a drastic change to the existing traffic patterns.

Please prepare an Ordinance establishing a Stop Sign on Lake Road as follows:

<u>Name of Street</u>	<u>At Intersection of</u>	<u>Ordinance Type</u>
Columbia Avenue	Lake Road	Stop Intersections

Also, a Work Order will be submitted to Public Works to remove existing Intersection Ahead signs as well as install new STOP signs, STOP Ahead signs, and 24" white stop bars on both approaches of Columbia Avenue at the intersection of Lake Road.



Should you have any questions and/or comments please feel free to contact me at extension 4098.

Very truly yours,


David J. Maillet, P.E.
City Engineer

Cc: Jay Hares, Superintendent of Public Works
Sgt. Nicholas Dounoulis, Vineland Police Department

