


VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

Resolution or Ordinance (Blue) X Waiver of First Requested
 X Recommendations of Boards, Commissions & Committees (Green)
Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES
FROM: Scott Niehaus, Village Manager
DATE: November 15, 2023 (COW) (B of T) **Date:** December 7, 2023
TITLE: Recommendations from the Public Safety and Transportation Committee
SUBMITTED BY: Mike Barbier, PE, Civil Engineer II 

BACKGROUND/POLICY IMPLICATIONS:

Right Turn on Red Traffic Signal Amendment – Westbound Hickory Street at Main Street

The sight distances for westbound traffic on Hickory Street at Main Street have been reduced less than previously anticipated. The existing complete prohibition of westbound right turns on red traffic signals is not necessary. However, based on the position of the vehicle when it can obtain the safe sight distance, right turns on red signals should not be permissible when pedestrians are present.

The Transportation and Safety Committee voted to add the language “when pedestrians are present” to the prohibition of right turns on red signals for westbound traffic at the intersection of Main Street at Hickory Street.

The Transportation and Safety Committee requests the restriction adjustment and to update the Village ordinance at the above intersection.

FISCAL IMPACT/FUNDING SOURCE:

Time and Materials

Review (as necessary):

Village Attorney X _____ Date _____
Finance Director X _____ Date _____
Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.



November 15, 2023

TO: Village President and Board of Trustees
THROUGH: Carl Goldsmith, Director of Public Works *g*
FROM: Mike Barbier, Civil Engineer II
SUBJECT: **No Right Turns on Red Traffic Signals Amendment– Main at Hickory**

Request

Staff recommends that the Village amend Section 10-14-3 of the Traffic Code to add the language “when pedestrians are present” to the prohibition of right turns on red traffic signals for westbound Hickory Street onto Main Street.

Background

In January of 2023, staff analyzed the sight distances for vehicles on Hickory Street according to the site plan of the new Helen Plum Library being constructed on the southeast corner of Hickory Street and Main Street. This location added a structure and landscaping along Main Street, both of which have the potential to cause sight line obstructions for vehicles.

In the initial analysis, staff took a proactive approach towards safety. It was assumed that the trees along Main Street and their canopies would block sight lines for westbound vehicles on Hickory, attempting to make a right turn onto Main. Based on that analysis, it was recommended that westbound traffic on Hickory Street shall be prohibited from turning right on a red traffic signal.

Analysis

Staff revisited this issue in the fall of 2023, after the trees were planted and had a season to bloom, to verify if the trees blocked sight lines on Hickory. Staff has found that the trees, *at their current maturity*, do not present a sight line obstruction. Therefore, a complete prohibition of westbound right turns on Hickory Street onto Main Street is not necessary. Exhibit C-1 shows the updated Intersection Sight Triangles Hickory Street at Main Street.

However, there is still the component of where the westbound vehicle must be positioned in order to have a clear line of sight relative to the pedestrian crosswalk. If a vehicle is able to obtain the required sight line when at the stop bar, we can safely remove all right turning prohibitions. If the vehicle is required to go passed the stop bar and encroach on the pedestrian

crosswalk, it is recommended to prohibit right turns on red signals “when pedestrians are present”.

Village staff then went to the site to determine where a westbound vehicle on Hickory would have to be positioned in order to have a safe sight line. Exhibit C-2 depicts the results of this exercise and includes photographs from this exercise. The outcome was that the position of the vehicle is beyond the stop bar, which encroaches on the pedestrian crosswalk. Because of this, it is recommended that right turns on red signals is prohibited “when pedestrians are present” to reduce the risk of vehicle-pedestrian conflicts.

The Village currently has right turn on red signal prohibitions at 12 intersections. Two of those location include “when pedestrians are present”. Those locations are:

1. All approaches: Main Street and 22nd Street, when pedestrians are present.
2. All approaches: Main Street and 16th Street, when pedestrians are present.

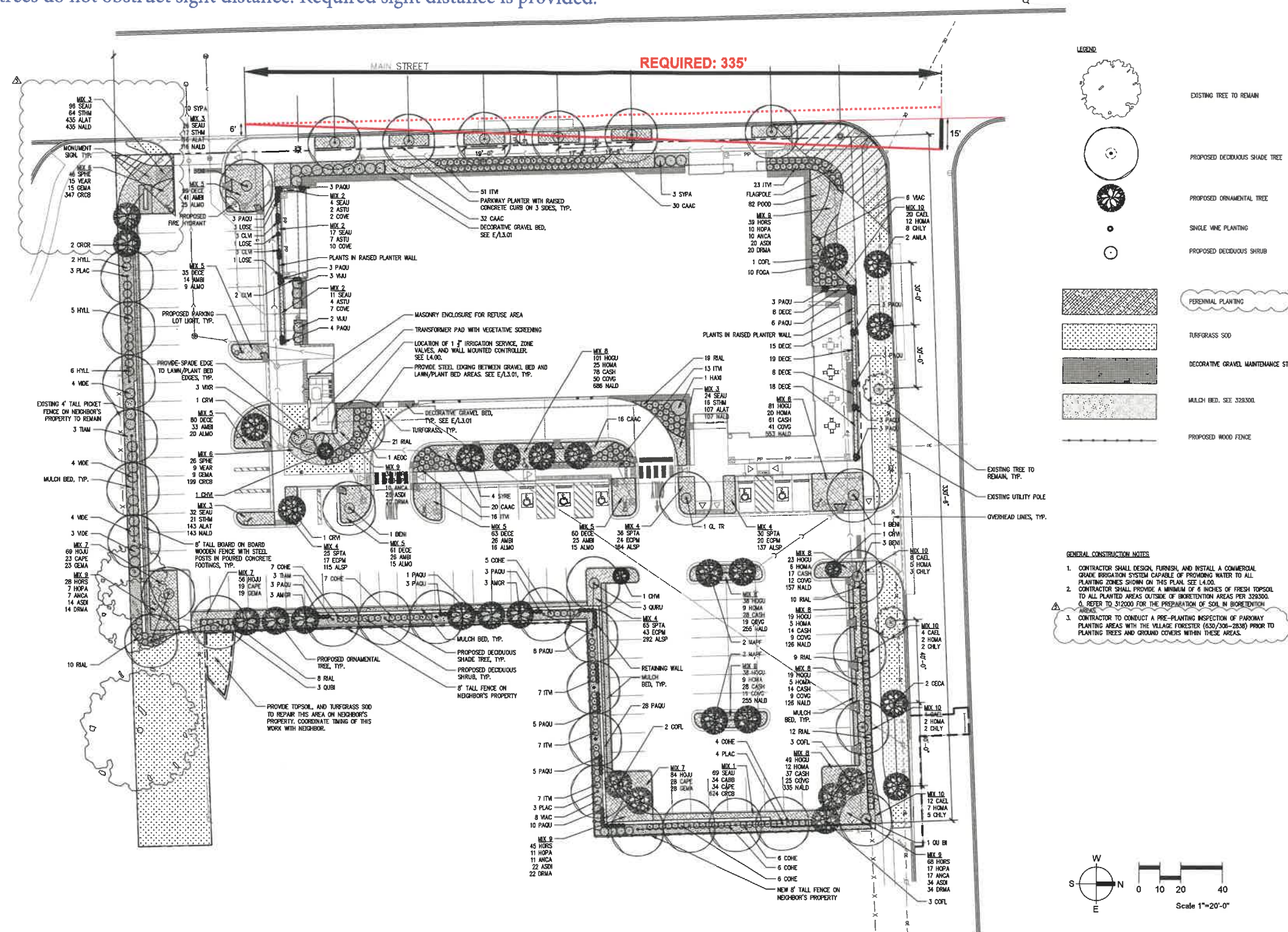
This amendment to a No Turn on Red “when pedestrians are present” on westbound Hickory Street at Main Street is consistent with the Village’s traffic code.

This recommendation was presented to the Public Safety and Transportation Committee at the December 6, 2023 meeting. The Committee supports the proposed amendment to the Lombard Traffic Code and requested that this matter be placed on the Village Board agenda for the December 7, 2023 for consideration.

Recommendation

Staff recommends amending the Village Traffic Code to add the language “when pedestrians are present” to the prohibition of right turns on red signals for westbound Hickory Street onto Main Street. Exhibit D shows staff’s proposed changes to Schedule XIII of the Village’s Traffic Code.

Existing trees do not obstruct sight distance. Required sight distance is provided.



**HELEN PLUM
PUBLIC LIBRARY**

Helen Plum Public Library
401 S Main St
Lombard, IL 60148

PROJECT NUMBER 152403

SEAL

ISSUED FOR:

BP-3 (BID SET) 05/12/2021

REVISION FOR:

NO. DESCRIPTION DATE
BP-3 ASH-004 07/02/2021

DRAWN BY BP

CHECKED BY JC

PLANTING PLAN

L3.00

Exhibit C-2: Location of Vehicle with Required Sight Distance (Westbound Hickory Street at Main Street)

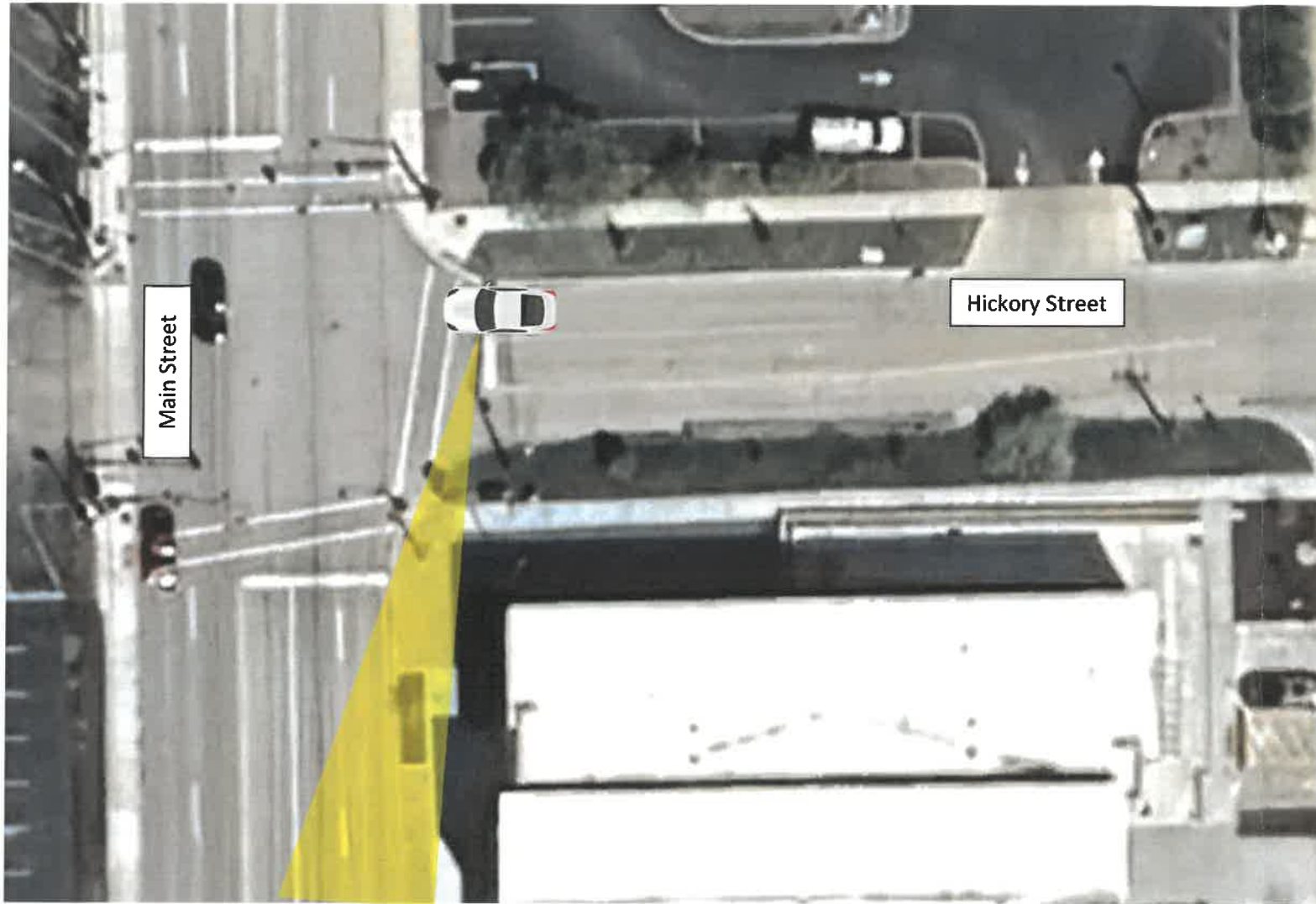


EXHIBIT D

Proposed Changes to Schedule XIII

“SCHEDULE XIII – RIGHT TURNS ON RED TRAFFIC SIGNALS

In accordance with Ordinance #1766, right turns on red traffic signals are prohibited at the following locations:

- a) At one corner: Westmore Ave. and St. Charles Rd. (traffic signal at southwest corner prohibiting eastbound traffic on St. Charles Rd. from turning right)
- b) northbound and southbound traffic on Highland Ave. shall not turn right on red onto Roosevelt Rd.
- c) northbound and southbound traffic on Main St. shall not turn right on red onto Roosevelt Rd.
- d) Westbound traffic on Madison shall not turn right on red onto Main Street.
- e) eastbound traffic on St. Charles Road shall not turn right on red onto Main Street between the hours of 6:00 a.m. to 9:00 a.m. and 4:00 p.m. to 7:00 p.m.
- f) westbound Route 64 (North Avenue) shall not turn on red onto Main Street between the hours of 12:00 p.m. to 1:00 p.m. and 4:00 p.m. to 6:00 p.m. on Monday through Friday.
- g) All four corners: Main Street and 22nd Street, when pedestrians are present.
- h) All four corners: Main Street and 16th Street, when pedestrians are present.
- i) westbound traffic on Parkside Avenue shall not turn right on red onto Main Street.
- j) All four corners: Westmore-Meyers Avenue and Madison Street (8:00 a.m. to 4:00 p.m., Monday through Friday)
- k.) westbound traffic on Hickory Street shall not turn right on red onto Main Street, **when pedestrians are present.”**

Ordinance No. _____

ORDINANCE AMENDING SCHEDULE XII OF THE LOMBARD TRAFFIC
CODE TO PROHIBIT RIGHT TURN ON RED AT THE INTERSECTION OF
HICKORY AND MAIN WHEN PEDESTRIANS ARE PRESENT

WHEREAS, the President and Board of Trustees of the Village of Lombard have heretofore passed and approved Ordinance 1186, An Ordinance Regulating Traffic in the Village of Lombard (hereinafter the Lombard Traffic Code); and

WHEREAS, the President and Board of Trustees of the Village of Lombard find that the Lombard Traffic Code has been amended from time to time; and

WHEREAS, the Public Safety and Transportation Committee has reviewed the appropriate traffic studies and recommends certain changes to the Lombard Traffic Code; and

WHEREAS, the Corporate Authorities of the Village of Lombard concur in the recommendation of the Transportation and Safety Committee.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

Section 1: That Schedule XIII of the Lombard Traffic Code (Ordinance 1186) prohibiting right turns on red is amended as follows:

After the language, “k. westbound traffic on Hickory Street shall not turn right on red onto Main Street”, add “, when pedestrians are present.”

Section 2: That this Ordinance shall be in full force and effect from and after its passage, approval, publication in pamphlet form and the posting of appropriate signs as provided by law.

Passed on first read this ____ day of _____, 2023.

First reading waived by action of the Board of Trustees this ____ day of _____, 2023.

Passed on second read this ____ day of _____, 2023.

Ayes: _____

Nays: _____

Absent: _____

Approved this ____ day of _____, 2023.

Keith T. Giagnorio
Village President

Attest:

Elizabeth Brezinski
Village Clerk

Published by me in pamphlet form this ____ day of _____, 2023.

Elizabeth Brezinski, Village Clerk