

Town of Weymouth
Massachusetts

Robert L. Hedlund
Mayor

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Weymouth, MA 02189



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2019 NOV -7 AM 9:18

RECEIVED
TOWN OF WEYMOUTH
COMMUNITY DEVELOPMENT
DEPARTMENT

MEMORANDUM

19 111

TO: TOWN COUNCIL
FROM: MAYOR ROBERT L. HEDLUND *Robert Hedlund*
RE: SAFETY ZONE (20 MILE PER HOUR SPEED LIMIT) ON A PORTION OF PLEASANT STREET
DATE: NOVEMBER 7, 2019

I submit the following measure to Town Council:

“That the Town of Weymouth, through Town Council, pursuant to G.L. Chapter 40, § 22, and Chapter 90, § 18B, and the Town of Weymouth Code of Ordinances, Section 13-104(a), authorize the placement of markings and signs regulating motor vehicle movement as follows:

Safety Zone, Speed Limit 20 Miles per Hour	
Street	Location
Pleasant Street	Between Torrey Street and a point 270 feet southwest of Chauncy Street

and cause the above restriction to be listed in the Town of Weymouth Code of Ordinances, Chapter 13, Regulations Affecting Motor Vehicles, Attachment 1 – Appendix A under Schedule V, Safety Zones.

A report from the Traffic Engineer and the Police Department on this subject is attached.

This measure requires a Legal Notice and Public Hearing.

Referral Dte. _____ PH Dte. _____
Comm. Referral _____ TC Vote _____
Comm. Vote _____ TC Vote Dte. _____
Comm. Vote Dte. _____

Weymouth
Town Council

2019 NOV -6 PM 9:27

RECEIVED

Department of Planning and
Community Development

Robert J. Luongo
Director of Planning and
Community Development
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***Town of Weymouth
Massachusetts***



Robert L. Hedlund
Mayor

75 Middle Street
Weymouth, MA 02189

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MEMORANDUM

TO: Town Council

FROM: Owen MacDonald, Traffic Engineer, Sgt. Brendan Fogarty, WPD

COPY: Ted Langill, Chief of Staff, Bob Luongo, Planning Director

DATE: November 7, 2019

SUBJECT: Pleasant Street, Columbian Square, Traffic Safety

Purpose: A plan for significant Columbian Square improvements has been prepared by the Town's design consultant, and has received widespread acceptance. At this time, funding is not available to implement the full plan. A safety zone designation for a portion of Pleasant Street is expected to improve safety for pedestrians and motorists at low cost.

Recommendations:

- Establish a safety zone, as allowed under General Laws Chapter 90 §18B, with a 20 Mile per Hour speed limit on Pleasant Street between Torrey Street and a point 270 feet southwest of Chauncy Street.

Need for Safety Improvements:

- Vehicular traffic is heavy.
- Business district – considerable pedestrian activity, and parking and unparking vehicles.
- The Columbian Square crash incidence is consistently the highest for Town owned roads in Weymouth
- The character of Pleasant Street changes abruptly approaching Columbian Square; motorists do not realize they should slow down due to the characteristics of the business district until they are in the square.

Roadway Characteristics:

- Traveled way width – varies 40' to 75'
- Sidewalks: Both sides –variable width
- Horizontal Alignment: Approximate curve radius 8800 Feet – would not restrict vehicular speed
- Vertical Alignment: Essentially level.

- Stopping sight distance: 325 Feet - would not restrict speed below 30 MPH statutory limit
- Thickly settled, no posted speed limit.
- Parking permitted both sides; angle parking between Columbian/ Union and Chauncy Streets.
- Painted center line
- MassDOT Functional Classification: Urban Minor Arterial

Speed Study:

Travel speeds were recorded in accordance with MassDOT guidelines on September 10 and 13, 2019, summarized as follows:

	Southbound	Northbound
Mean	24	22
85%	26	25
Median	24	22
Mode	25	21

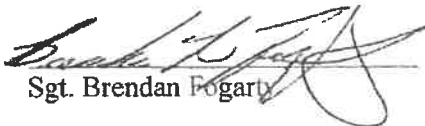
Details are attached as an appendix.

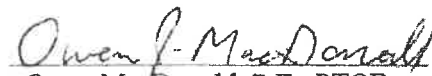
Crash History:

Consistently the highest for Town owned roads in Weymouth.

Conclusions:

- The level of pedestrian activity, the number of parking and unparking vehicles, and the number of crashes warrant a speed limit reduction.
- A posted speed of 20 Miles per Hour is commensurate with the current travel speed of the majority of passing motorists.


Sgt. Brendan Fogarty


Owen MacDonald, P.E., PTOE

APPENDIX

Pleasant Street at So. Weymouth Post Office Travel Speeds (MPH):

Southbound
 9/10/2019
 10:10 - 11:25
 Fair Weather

Northbound
 9/13/2019
 10:43 - 11:31
 Fair Weather

As Recorded: Sorted

Summary

As Recorded: Sorted

28 32
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85% speed 26
 Mean 23.66
 Median 24
 Mode 25

22 31
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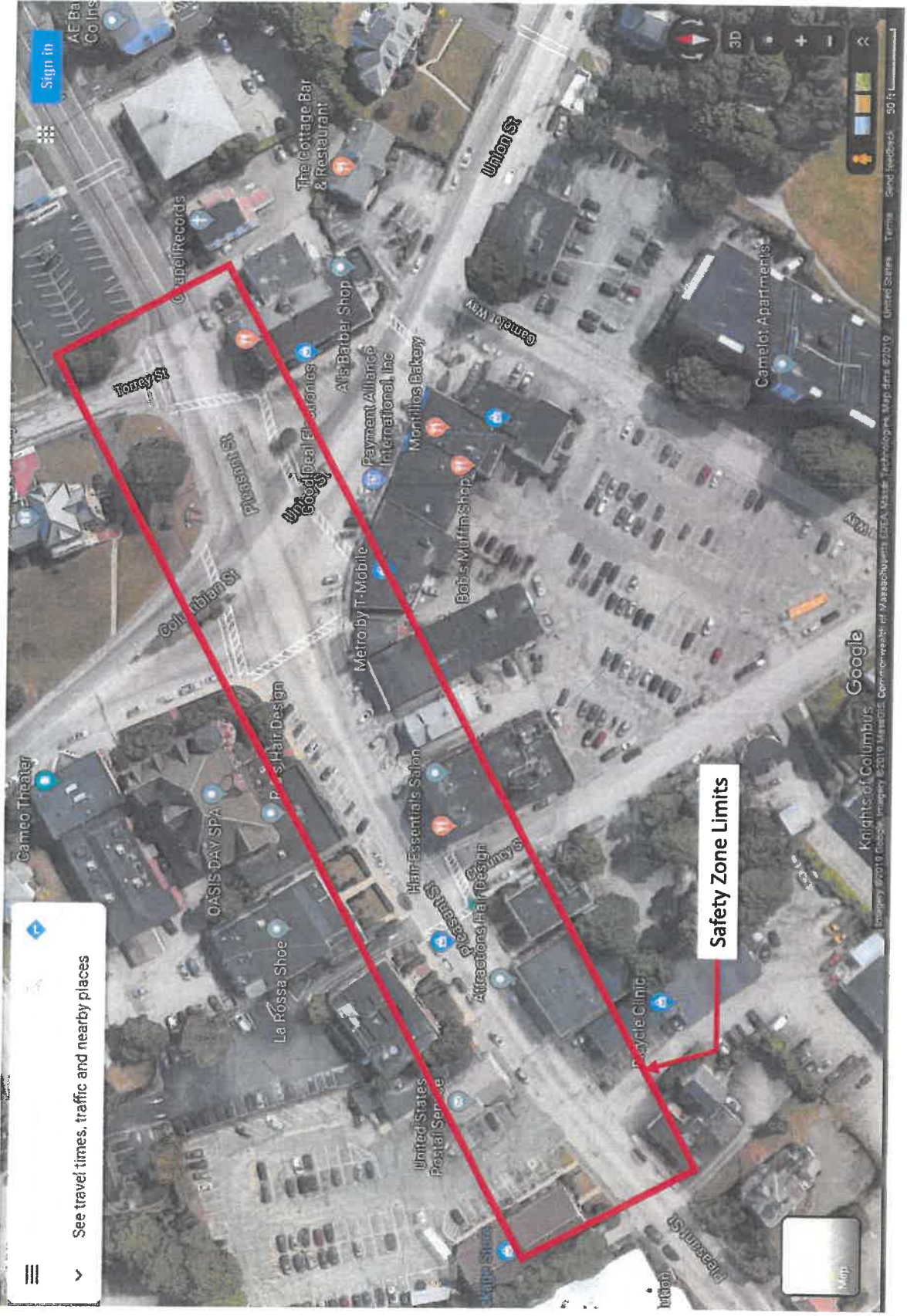
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Summary

85% speed	25
Mean	22.02
Median	22
Mode	21



Sign in

See travel times, traffic and nearby places

Toney St

Union St

Safety Zone Limits

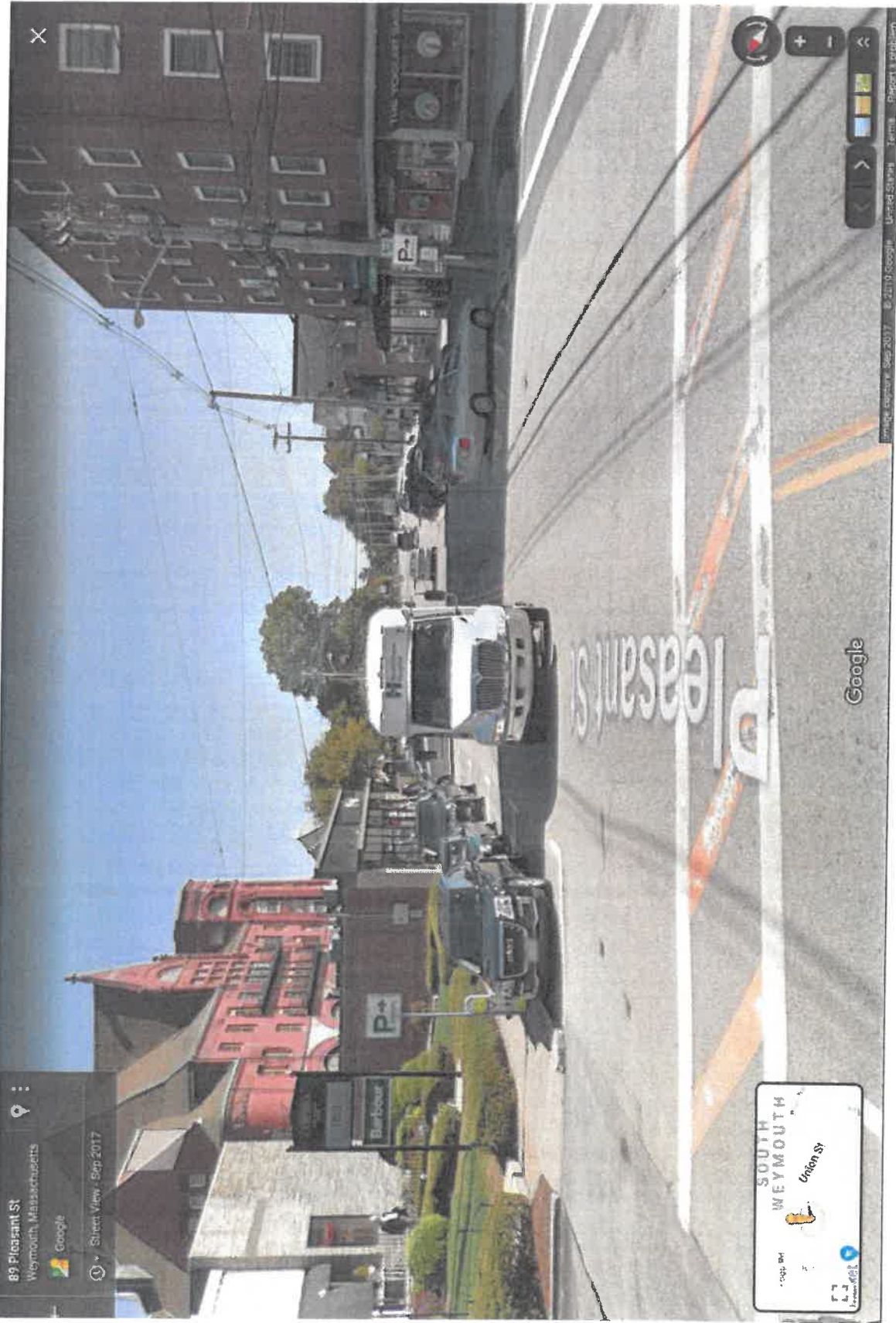
3D + -

Google

Knights of Columbus

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89 Pleasant St
Weymouth, Massachusetts
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Street View - Sep 2017



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