

AGENDA
MONTEBELLO TRAFFIC & SAFETY COMMISSION
October 2, 2019

6:00 P.M.
City Council Chambers, 1600 W. Beverly Boulevard

COMMISSION MEMBERS

RICK KLEMUNDT
CHAIRPERSON

MIKE TORRES
VICE-CHAIRPERSON

DELIA LOPEZ
COMMISSIONER

LOUISE SAMANIEGO
COMMISSIONER

VACANT
COMMISSIONER

CITY STAFF

DENNIS BARNES
CITY TRAFFIC ENGINEER

DANILO BATSON
DIRECTOR OF PUBLIC
WORKS

SAM KOURI
CITY ENGINEER

FIRE MARSHAL JOHNSON
FIRE DEPARTMENT

ROBERTA LACAYO
TRAFFIC & SAFETY
SECRETARY

SARGENT DAVID KIM
POLICE DEPARTMENT

1. **MEETING CALLED TO ORDER**
2. A. **PLEDGE OF ALLEGIANCE**
B. **INVOCATION**
3. **ROLL CALL**
4. **APPROVAL OF MINUTES**
A. None
5. **STAFF BRIEFINGS**
A. No items continued from August 7, 2019 meeting.
None
6. **SCHEDULED MATTERS**
 - A. Presentation by Doug Benash on Traffic Engineering Basics for Traffic Commissioners.
 - B. Request for Installation of a Traffic Signal or Lighted Crosswalks at Intersection of Lincoln Avenue and Hay Street
 - C. Request for Investigation of Safety Issues at Intersection of Maple Avenue at Victoria Avenue (near library) due to Speeding Vehicles.

For those in the audience who are not familiar with the operation of the Traffic and Safety Commission, the following summarizes the procedure:

For each item on the agenda for this evening, engineering staff will present a report to the Traffic and Safety Commission. The audience will be asked for comment. Those wishing to speak are asked to come forward, speak into the microphone, and give their name and address for the taped record. Those speaking in favor are asked to speak first, then those in opposition. After those speaking in opposition are heard, one of the proponents may be allowed a rebuttal.

For items not on the agenda, time will be provided for public testimony after the regular items have been heard; however, the Commission cannot take any official action on such testimony. You will be asked to state your name and address for the records. Such items may be brought before the Commission at a later date for consideration by the Commission.

The Traffic and Safety Commission is interested to hear all persons wishing to give testimony. However, it is requested that each new speaker add new information, and not repeat points which previous speakers have made. Persons not desiring to speak, but wishing to be recorded as proponents or opponents of record, may do so by submitting their name and address to the Secretary.

The Traffic and Safety Commission shall consider, and whenever necessary investigate all requests or suggestions concerning public traffic safety or controls, and on the basis of such deliberation may submit to the City Council a report of recommendations for action relating to such requests or suggestions concerning public traffic and safety and controls on matters relating to the installation of traffic control signals, traffic calming devices, designation of handicap parking in residential neighborhoods, temporary street closures, installation of stop signs, signage, beacons, crosswalks, speed bumps and humps, painting of red curbs, yellow commercial vehicle loading and unloading, green short time parking, white passenger loading and unloading, etc.

The Traffic and Safety Commission is delegated the authority to take final action unless these items are appealed to the City Council or require City Council funding priority.

For the designation of Preferential Parking Districts, the Traffic and Safety Commission acts in an advisory capacity to the City Council. Requests that are recommended for approval are automatically forwarded to the City Council. Requests for the designation of Preferential Parking Districts that are denied must be appealed if they are to go forward to the City Council.

APPEAL PROCEDURE

- A. Any person aggrieved by the decision of the City Traffic and Safety Commission may, not later than fifteen days following the rendering of the decision by the City Traffic and Safety Commission, file a written letter of appeal with the City Clerk, appealing the decision of the City Traffic and Safety Commission to the City Council; or, the City Council, may, upon motion, determine to review the decision of the City Traffic and Safety Commission in the same manner as if an appeal had been filed by a person aggrieved by such a decision.
- B. Upon notification by the Clerk of such appeal, the Secretary of the City Traffic and Safety Commission shall transmit to the Clerk the City Traffic and Safety Commission's file with reference to the matter appealed. **The Clerk shall collect a fee of \$510.00 for the appeal** of decision. The Clerk shall place the matter on the City Council's agenda as soon as possible thereafter, and shall give the appellant, and any other interested person requesting such notice, ten days' written notice of the time and place of such hearing. The City Council shall at the time of such hearing, review the matter and, shall affirm, modify or reverse the Traffic and Safety Commission's decision. The determination of the City Council shall be final and conclusive. (Ord. 2058 § 1 (part), 1991: prior code § 3201.02 (part).

6. SCHEDULED MATTERS;

For each of the following items, the public will be given an opportunity to speak. The proponents and opponents will be allowed to speak on issues relating to the matter. At the Chairperson's discretion, reasonable time limitations may be placed upon individual testimony. After all persons have spoken, one of the proponents is allowed to rebut and/or summarize, and then the hearing is closed. The Commission will begin their decision process following the closing of the hearing.

A. Presentation by Doug Benash of Infrastructure Engineers on Traffic Engineering Basics for Traffic Commissioners.

Doug Benash VP at Infrastructure Engineers will make a brief presentation on traffic engineering basics for existing and new traffic commissioners. Doug serves as consultant City Engineer for two cities in California. The purpose of this presentation is to provide the traffic commissioners background information on traffic engineering topics as it relates to the CA Manual of Uniform Traffic Control Devices (CA-MUTCD) and the CA Vehicle Code (CVC). Decisions made by traffic commissioners on traffic control devices and other citizen requests can have legal ramifications to public agencies and expose the agencies to unnecessary lawsuits.

Fiscal Impact:

N/A

Staff Recommendation

Receive and file presentation

B. Request for Installation of a Traffic Signal or Lighted Crosswalk at Intersection of Lincoln Avenue and Hay Street

Mr. Alejandro Macias, who resides at 2417 West Lincoln Avenue, filed a traffic service request application for the installation of a traffic signal or lighted crosswalk at this intersection of Lincoln Avenue and Hay Street. He stated that many drivers do not stop and many pedestrians use the crosswalks including Schurr High School students causing a safety issue.

EXISTING CONDITIONS:

Figure 1 shows an aerial view of the intersection, existing geometry and the current crosswalks.

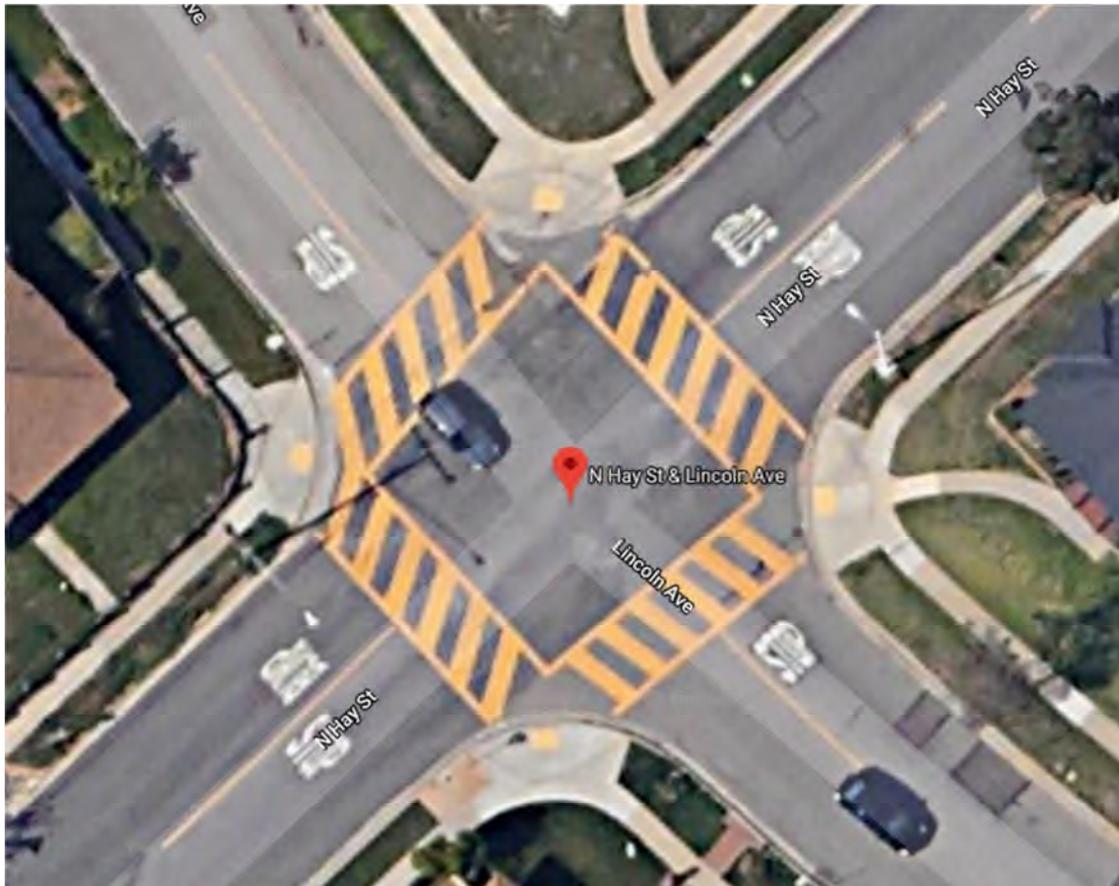


Figure 1 – Aerial View of Intersection



Figure 2 – Street View of Lincoln Avenue at Hay Street Looking North



Figure 3 – Street View of Lincoln Avenue at Hay Street Looking South

AGENDA ITEM 6-B



Figure 4 – Street View of Lincoln Avenue at Hay Street Looking East



Figure 5 – Street View of Lincoln Avenue at Hay Street Looking West

AGENDA ITEM 6-B

Discussion:

TRAFFIC CONTROL DEVICES:

The installation of all official traffic control devices installed within the public right of way must follow and conform to standards and guidelines found in the California Manual of Uniform Traffic Control Devices (CA-MUTCD), Caltrans Traffic and Highway Design Manual, and the California Vehicle Code (CVC) based on an engineering review and report. The following information briefly outlines the minimum requirements that must be met for Traffic signals and other devices to be installed.

TRAFFIC SIGNALS:

Traffic signals are regulatory devices used to establish right of way for motorists, pedestrians and bicyclists at intersections. The installation of all traffic control devices on public streets are guided by the California Manual of Uniform Traffic Control Devices (CA-MUTCD), the California Vehicle Code (CVC), and are based on an engineering study.

Traffic signals should not be installed unless an engineering study indicates that the installation will improve the overall safety and/or operation of the intersection. Signals are also costlier than other improvements and represent a significant investment when justified. Signals cost approximately \$300,000 or more depending on existing conditions.

The primary function of a traffic signal is to assign right-of-way to conflicting movements of traffic at an intersection. This is done by interrupting heavy traffic flows to permit the crossing of minor street movements that could not otherwise safely move across or into an intersection. Unjustified traffic signals can also cause excessive delay, disobedience of signals and diversion of traffic to residential streets.

The justification for installation of a traffic signal is based on “warrants” as found in the CA-MUTCD supported by a site specific engineering study.

The Traffic Signal Warrants Worksheet per the CA-MUTCD include that the following warrants be evaluated: Warrant 1, Eight-Hour Vehicular Volume Warrant 2, Four-Hour Vehicular Volume Warrant 3, Peak Hour Vehicular Volume Warrant 4, Pedestrian Volume Warrant 5, School Crossing Warrant 6, Coordinated Signal System Warrant 7, Crash Experience Warrant 8, Roadway Network Warrant 9, Intersection Near a Grade Crossing.

Time did not permit data collection by City staff to evaluate the nine traffic signal warrants. Moreover, it is unlikely that the existing conditions at this intersection will fulfill all the requirements for the installation of a traffic signal.

To evaluate the citizen request for a traffic signal at this location, the City Traffic Engineer generated the collision diagram for this intersection based on 3 years of available accident data. The accident warrant is considered one of the primary warrants used by traffic engineers to evaluate the need for a traffic signal since a traffic signal can correct right-angle accidents. Figure 6 illustrates the accidents which have been recorded in the CA State Wide Integrated Traffic Record System (SWITRS) accident data base for the time period of 2016-2018.

As noted in the Figure 6, there was one reported right-angle accident that occurred at this intersection. Hence, the crash warrant of five or more right-angle accidents for a traffic signal is not met at this location. The intersection operates as an All-Way Stop intersection which is a prior step before installing a traffic signal under normal traffic conditions. There were no reported pedestrian accidents at the intersection in three years.

AGENDA ITEM 6-B

COLLISION DIAGRAM

Primary Street:
Lincoln Avenue
Secondary Street:
Hay Street
Time Period:
2016-2018
Agency Name:
City of Montebello

Mapping Summary:

Fatal Collision	0
Injury Collision	1
Mapped	1
Not Drawn	0
Total	1

- Straight
- ↶ Left Turn
- ↷ Right Turn
- ↻ U-Turn
- ↶→ Overturned
- ↷→ Ran Off Road
- ⇄ Stopped
- ⊞→ Parked
- 🚶 Pedestrian
- 🚲 Bicycle
- ☒ Object
- Fatal Crash
- Injury Crash



Date Created: 09/24/2019

Figure 6 – Collision Diagram for Lincoln Avenue at Hay Street

To enhance visibility at the crosswalks, it is recommended to install type D markers for each approaching edge of traffic (red arrow) to each crosswalk starting at the centerline of the roadway. This technique was applied to the Vail Avenue and Appian Way intersection for more crosswalk visibility. The following Figure 7 illustrates the completed installation and application of Type D markers.

AGENDA ITEM 6-B

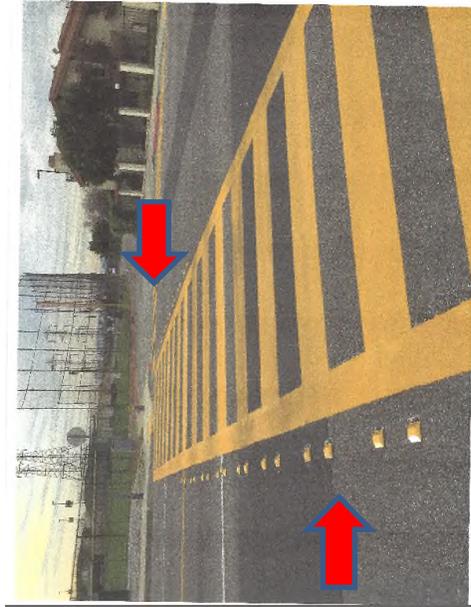


Figure 7 – Type D Marker Installation at Vail Avenue and Appian Way – North Approach

To enhance visibility of the intersection stop signs, it is recommended that the two existing stop signs on Lincoln Avenue be replaced with 36-inch solar-powered blinker stop signs to enhance visibility at the intersection and command attention to deter non-stopping vehicles.

Fiscal Impact:

The estimated cost for this item is as follows:

1. Installation of the type D markers on each crosswalk is estimated to be \$1,700.
2. Installation of two solar-powered blinker stop signs on Lincoln Avenue is estimated to cost \$11,200 based on the Appian Way at Vail Avenue costs.
3. Funds for this and similar requests are included in the current City budget. Therefore, should the Commission approve recommendations 1 and 2; the Commission's decision does not require special funding by City Council unless requested by the Public Works Director.

Staff Recommendation:

It is recommended that the Traffic and Safety Commission deny this applicants request for the installation of a traffic signal and lighted crosswalk but approve the installation of type D markers at each intersection crosswalk as shown in Figure 7 and replacement of the two existing stop signs on Lincoln Avenue with solar-powered blinker stop signs.



City of Montebello

Mr. Alejandro Macias
2417 West Lincoln Avenue
Montebello, CA 90640

NOTICE OF PUBLIC MEETING

Dear Mr. Macias;

Please be advised that the Montebello Traffic and Safety Commission will be holding a public meeting in the Montebello City Hall Council Chambers, 1600 West Beverly Boulevard at 6:00 p.m. on Wednesday, October 2, 2019.

AGENDA ITEM 6-B: Request to install Lighted Crosswalk at Lincoln Avenue and Hay Street

As an interested party you are invited to attend this public meeting to express your opinion and for questions that may arise from the Commission. However, if you cannot attend this meeting, you may send a representative who has knowledge regarding your concerns.

This public meeting is open to all interested persons. Any person wishing to speak in favor of, or against this proposal, may do so at the time and place stated above.

Any person wishing additional information regarding this matter may call the Montebello Engineering Division at (323) 887-1200 extension 460.

Dennis Barnes, City Traffic Engineer
Traffic and Safety Commission

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Engineering Division at 887-1200 extension 460. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting (28CFR35.102.104 ADA Title II).

AGENDA ITEM 6-B



City of Montebello

Owner/Occupant
Lincoln Avenue and Hay Street
Montebello, CA 90640

NOTICE OF PUBLIC MEETING

Dear Owner/Occupant;

Please be advised that the Montebello Traffic and Safety Commission will be holding a public meeting in the Montebello City Hall Council Chambers, 1600 West Beverly Boulevard at 6:00 p.m. on Wednesday, October 2, 2019.

AGENDA ITEM 6-B: Request to install Lighted Crosswalks at Lincoln Avenue and Hay Street

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AGENDA ITEM 6-B

C. Request for Investigation of Safety Issues at Intersection of Maple Avenue at Victoria Avenue (near library) due to Speeding Vehicles

Traffic Commissioner Louise Samaniego brought this item up at the September 4, 2019 Traffic and Safety Commission Meeting. She expressed concern that it was dangerous for pedestrians (including herself) to cross North Maple Avenue because cars are speeding and exceeding the speed limit. Figure 1 shows an aerial view of the intersection and the existing geometry and pavement markings.



Figure 1 – Aerial View of West Victoria Avenue at North Maple Avenue



Figure 2 – Street View of West Victoria Avenue at North Maple Avenue – Looking North



Figure 3 – Street View of West Victoria Avenue at North Maple Avenue – Looking South



Figure 4 – Street View of West Victoria Avenue at North Maple Avenue – Looking East

AGENDA ITEM 6-C



Figure 5 – Street View of West Victoria Avenue at North Maple Avenue – Looking West

Discussion:

TRAFFIC CONTROL DEVICES:

The installation of all official traffic control devices installed within the public right of way must follow and conform to standards and guidelines found in the California Manual of Uniform Traffic Control Devices (CA-MUTCD), Caltrans Traffic and Highway Design Manuals, and the California Vehicle Code (CVC) based on an engineering review and report.

EXISTING CONDITIONS:

West Victoria Avenue and North Maple Avenue are classified as residential streets with one lane of travel in each direction. Both streets are posted with a residential speed limit of 25 miles per hour (MPH). Stop signs are installed on West Victoria Avenue on both approaches at its intersection with North Maple Avenue.

To evaluate the Commissioners request for an investigation of safety issues at this location, the City Traffic Engineer generated the collision diagram for this intersection based on 3 years of available accident data. The purpose was to identify problems that may be occurring at this intersection based on speeding or other related issues. There were no reported accidents recorded in the CA State Wide Integrated Traffic Record System (SWITRS) accident data base for the three-year time period of 2016-2018. Accident patterns provide clues for safety problems at an intersection.

To address the Commissioners concerns, it is recommended to install two additional warning signs, a SW4-1 (CA) “WATCH DOWNHILL SPEED” at 100 feet and at 250 feet in the southbound direction of North Maple Avenue. Sign locations are measured from the southbound BCR at the intersection of North Maple Avenue and Victoria Avenue.



Fiscal Impact:

The estimated cost for this item is as follows:

1. Installation of two warning signs \$ 800.

Staff Recommendation:

Based on an evaluation of the existing conditions and a lack of accident experience, it is recommended that the Traffic and Safety Commission approve staff's recommendation for the installation of two additional warning signs "Watch Downhill Speed" for southbound North Maple Avenue.



City of Montebello

Ms. Louise Samaniego
341 N. 7th Street
Montebello, CA 90640

NOTICE OF PUBLIC MEETING

Dear Ms. Samaniego;

Please be advised that the Montebello Traffic and Safety Commission will be holding a public meeting in the Montebello City Hall Council Chambers, 1600 West Beverly Boulevard at 6:00 p.m. on Wednesday, October 2, 2019.

AGENDA ITEM 6-C: Request for stop sign at Maple Avenue and Victoria

As an interested party you are invited to attend this public meeting to express your opinion and for questions that may arise from the Commission. However, if you cannot attend this meeting, you may send a representative who has knowledge regarding your concerns.

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Dennis Barnes, City Traffic Engineer
Traffic and Safety Commission

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AGENDA ITEM 6-C



City of Montebello

Owner/Occupant
Victoria Avenue and N. Maple Avenue
Montebello, CA 90640

NOTICE OF PUBLIC MEETING

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AGENDA ITEM 6-C: Request for stop sign at Maple Avenue and Victoria

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Dennis Barnes, City Traffic Engineer
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AGENDA ITEM 6-C

7. **PUBLIC ORAL COMMUNICATIONS FROM THE AUDIENCE ON ITEMS NOT LISTED IN THE AGENDA**

8. **TRAFFIC AND SAFETY COMMISSION AND STAFF COMMENTS.**
 - A. TRAFFIC ENGINEERING/STAFF COMMENTS

 - B. POLICE DEPARTMENT COMMENTS

 - C. FIRE DEPARTMENT COMMENTS

 - D. TRAFFIC AND SAFETY COMMISSIONER COMMENTS

9. **ADJOURNMENT**

The next regular Traffic & Safety Commission meeting is scheduled for Wednesday November 6, 2019.