



MINUTES
Traffic Engineering Committee
Tuesday, June 5, 2018
3635 4th Avenue
Moline, IL 61265

PRESENT:	Scott Hinton Travis Noyd Matt Moore Shawn Christ Sgt. Chris Pickens
STAFF:	Rhonda Bartz Laura Klauer
OTHER:	Jan Stoffer

Scott Hinton called the meeting to order at 1:30 p.m.

Agenda Items:

- 1. Approval of minutes for the Traffic Engineering Committee meeting of May 1, 2018.** Motion to approve minutes by Sergeant Pickens, seconded by Moore. Motion carried unanimously.
- 2. Request for a 3-way stop and crosswalk at the intersection of 7th Street and 12th Avenue.** The Committee discussed that there have been seven (7) intersection related crashes from May 21, 2013, to present. All crashes were some combination of two vehicles, one of which was turning. Jan Stoffer from the William Butterworth Foundation attended the meeting and is requesting the 3-way stop on behalf of the Foundation due to increased traffic associated with the development of One Moline Place and Overlook Village. Foundation staff has found that many people attending the Education Center use the public parking lot to the west of 7th Street. It is an active neighborhood and anticipates more pedestrian traffic in the future. Moore, Public Works-Engineering, installed traffic counters last week and reported his findings to the Committee based on the guidelines for the installation of a multi-way stop according to the Manual on Uniform Traffic Control Devices (MUTCD) as follows:

The MUTCD provides recommend minimum traffic volumes for installation of a multi-way stop: *“The vehicular volume entering the intersection from the major street approaches (total of both approaches) averages at least 300 vehicles per hour for any 8 hours of an average day”*. - During the 8-hour period with the highest observed traffic volumes, the Major Street Approach averaged 275 Vehicles per Hour (7th Street). While this warrant is not technically met, the volumes are very close to meeting the recommended 300 vehicles per hour. It is expected for traffic volumes to increase with the opening of the Overlook Village Retirement Community. During the counts, there were 25 instances where 15-minute traffic volumes of the major street exceeded 300 vehicles per hour. Several of these instances occurred outside of the peak hour. Considering all of the factors above, I would say that the warrant of

Minimum Volumes has been met.

The MUTCD provides recommend minimum traffic delay for installation: “...an average delay to minor-street vehicular traffic of at least 30 seconds per vehicle during the highest hour”-- This 3-way intersection has some unique characteristics. Typically, the major street approaches would have approximately the same traffic volumes, with the minor street approach having a significantly lower traffic volume. A stop sign would be installed on the minor leg approach to minimize vehicle delay. In the case of 7th Street (Major Leg) and 12th Avenue (Minor Leg), we observed a total vehicle count of 10,500 for 7th Street North Bound, 1,250 for 7th Street South Bound, and 2,500 for 12th Avenue Westbound over the course of 3 days. It is uncommon to see a Minor leg carry more vehicles than one of the Major leg approaches. This could easily create delays exceeding 30 seconds per vehicle on 12th Avenue during peak hour traffic. During the counter installation, I observed queuing of vehicles on 12th Avenue. Considering all of the factors above, I would say that the warrant of Minimum Vehicle Delay has been met.

Committee discussed placement of a north/south crosswalk on the east side of 7th Street and east/west crosswalk on the north side of 12th Avenue. Jan Stoffer understands that there are requirements that need to be met when installing a crosswalk, but would like the Foundation to be included with discussions on the placement since the Foundation would like to keep the historical integrity of the property’s design. Hinton stated they would take that into consideration, but informed her that there are State and Federal guidelines that City needs to meet according to the Americans with Disabilities Act (ADA) when installing crosswalks.

Motion to approve the request for a 3-way stop and crosswalk at the intersection of 7th Street and 12th Avenue by Christ, seconded by Moore. Motion carried unanimously.

3. **Request to prohibit parking that would extend beyond the driveway to the north and south of the residence located at 2902 44th Street.** Resident requested no parking to the north and south of driveway so trucks can access garbage/recycle carts. Committee discussed that there are several areas throughout the City that on-street parking is allowed and that doesn’t prohibit garbage/recycling collection. Motion to deny request by Sergeant Pickens, seconded by Christ.
4. **Request to install one on-street Persons with Disabilities Parking Space at 1720 16th Street.** Hinton informed the Committee that parking spaces were marked on the street after construction on 16th Street. Now that the parking spaces are marked, the Illinois Accessibility Code requires one, Persons with Disabilities parking space for every 25 marked parking spaces. Motion to install one on-street Persons with Disabilities Parking sign adjacent to 1720 16th Street at the southern most parking space on the east side of 16th Street by Pickens, seconded by Christ. Motion carried unanimously.
5. **Request to prohibit parking on the west side of 33rd and 32nd Street between 33rd and 35th Avenue.** Committee discussed that street is not a collector or an arterial and there is enough room for trucks to get through. Committee discussed that if parking is prohibited it will make it wider and probably increase speed. Motion to deny by Sergeant Pickens, seconded by Christ. Motion carried unanimously.

- 6. Request to remove the no parking at 1624 9th Avenue.** Resident would like the no parking to be removed at 1624 9th Avenue since the sanitation routes have changed. Municipal Services confirmed that the routes have been changed, but the parking restriction is still needed to allow access for the garbage and plow trucks to turn down the alley. Motion to deny by Christ, seconded by Moore. Motion carried unanimously.
- 7. Other.** Sergeant Pickens received a request to have a portable pedestrian crossing sign like Western's placed at the crosswalk at 41st Street and River Drive. Committee discussed it is the law to stop for pedestrians in the crosswalk, but the sign would reinforce that you need to stop. The Police Department has a portable sign that can be placed at this location and placement does not require Council approval.

Motion to adjourn by Sergeant Pickens, seconded by Christ. Motion carried unanimously. Meeting adjourned at 1:50 p.m.

Respectfully submitted,
Rhonda Bartz
Executive Assistant, Public Works-Administration