



July 23, 2020

Council Meeting of August 3, 2020
Subject: Traffic Control Orders; Speed Limits
on Various Streets

The Honorable Mayor
And
Members of the City Council

Ladies and Gentlemen:

In response to a request to review the speed limits and based on the American Association of State Highway and Transportation Officials (AASHTO) standards and the Michigan Public Acts 445 and 447 of 2016, staff seeks Council consideration of traffic control orders to adjust or validate the speed limits at the following locations:

1. West Lincoln Ave., Henry St. to Fairfield St. – maintain 25 mph
2. Tanglewood Dr., Seminole Rd. to Cul-de-sac – maintain 25 mph
3. Sheffield St., Lincoln Ave. to end of pavement N of Summit Ave. – maintain 25 mph
4. Park St., Seminole Rd. to Gin Chan Ave. – maintain 25 mph

Adoption of the attached resolution will approve traffic control orders for the establishment of speed limits and associated signage changes on the above designated street sections.

Respectfully submitted,

Mark C. Meyers
City Administrator

JRM/sr
Attachment

Administration/City Clerk (231) 798-4391	Assessing Division (231) 799-6806	Building Division (231) 799-6801	Finance/Treasurer (231) 799-6805	Fire Prevention (231) 799-6809	Fire Department (231) 798-2255
Parks/Recreation (231) 799-6802	Planning/Zoning (231) 799-6800	Police Department (231) 733-2691	Public Works (231) 799-6803	Streets Division (231) 798-2156	Water/Sewer (231) 799-6804

RESOLUTION

NOW, THEREFORE, BE IT RESOLVED, Permanent Traffic Control Orders are approved for the designation of speed limits on:

1. West Lincoln Ave., Henry St. to Fairfield St. – maintain 25 mph, based upon an engineering and safety study, pursuant to MCL 257.628
2. Tanglewood Dr., Seminole Rd. to Cul-de-sac – maintain 25 mph, based upon an engineering and safety study, pursuant to MCL 257.628
3. Sheffield St., Lincoln Ave. to end of pavement N of Summit Ave. – maintain 25 mph, based upon an engineering and safety study, pursuant to MCL 257.628
4. Park St., Seminole Rd. to Gin Chan Ave. – maintain 25 mph, based upon an engineering and safety study, pursuant to MCL 257.628

At a rescheduled meeting of the City Council of the City of Norton Shores, held remotely on the 3rd day of August, 2020, the foregoing resolution was moved for adoption by Council Member. The motion was supported by Council Member.

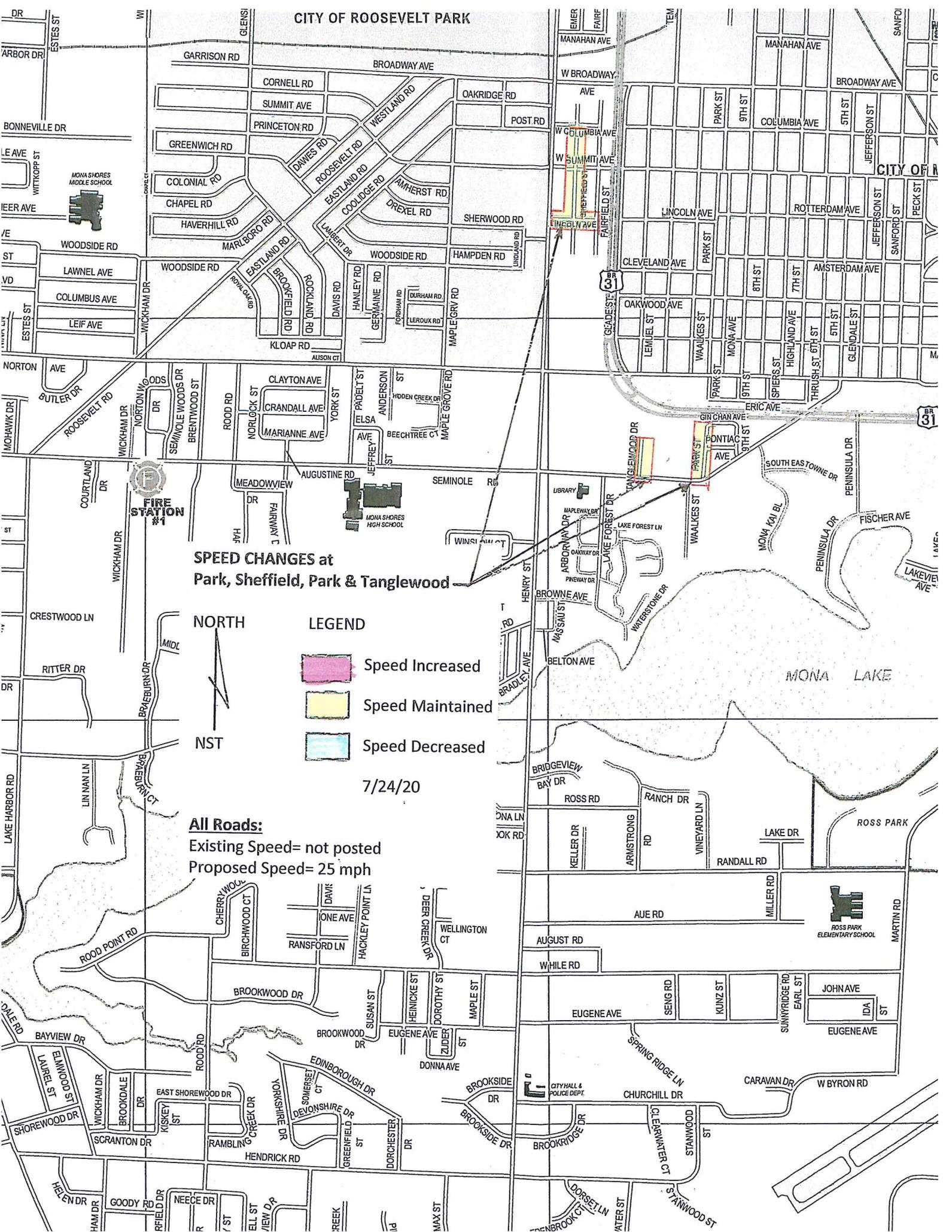
Ayes:

Nays:

Resolution declared adopted/denied.

Shelly Stibitz, City Clerk

CITY OF ROOSEVELT PARK



**SPEED CHANGES at
Park, Sheffield, Park & Tanglewood**

LEGEND

- Speed Increased
- Speed Maintained
- Speed Decreased

7/24/20

All Roads:
Existing Speed= not posted
Proposed Speed= 25 mph

CITY OF M...

BR 31

MONA LAKE

ROSS PARK ELEMENTARY SCHOOL

CITY HALL & POLICE DEPT.



Internal Memo

July 22, 2020

TO: John Gale, NSPD Chief
FROM: James R. Murphy, PE, City Engineer 
RE: West Lincoln Avenue, Henry Street to Fairfield Street Speed Study.

To be compliant with the revised State speed limit law, a traffic study was performed regarding the speed limit along West Lincoln Avenue from Henry Street to Fairfield Street under Section 257.628.

The completed traffic study of the total 0.12-mile length of West Lincoln Avenue shows a uniform roadway in a commercial setting. This street consists of one eastbound, one westbound travel lane with a stop sign at Henry Street and Yield Signs at Sheffield and Fairfield Streets.

The overall average 50th percentile speed is 17.4 mph with the 85th percentile speed at 22.4 mph. The majority of the 10-mph pace speed group was found to be between 10-20 mph. The current speed limit is not posted but assumed to be 25 mph.

Per the MICHIGAN VEHICLE CODE (Act 300 of 1949) Section 257.628 the posted speed limit along West Lincoln Avenue between Henry Street and Fairfield Street may remain at 25 mph. This is based on the 85th percentile speed. Therefore, it is my recommendation based on the standard traffic manuals/guides and the speed falling between the 50th and 85th percentile speed that the posted speed remains at 25 mph between the Henry Street and Fairfield Street Avenue.

There are no pavement markings on this portion of the roadway.

If you have any questions, please feel free to contact me.

West Lincoln Avenue Speed Study

Date: 7/22/2020

Location (West of Sheffield)	Date	Median Speed	Average Speed	85th Percentile	10 MPH Pace Speed	% Traffic In Pace
Eastbound (EB)	7/14/2020	18.1	17.8	23.0	15-20	75.0
EB	7/15/2020	17.5	17.3	22.6	15-25	69.3
EB	7/16/2020	17.5	17.3	22.5	15-25	68.9
EB	7/17/2020	17.2	17.1	21.9	10-20.	72.0
Westbound (WB)	7/14/2020	17.1	17.0	22.0	10-20.	72.0
WB	7/15/2020	16.6	16.7	22.0	10-20.	73.6
WB	7/16/2020	17.3	17.5	22.4	10-20.	71.8
WB	7/17/2020	17.8	17.5	23.1	15-25	67.5
	Average	17.4	17.3	22.4		



Internal Memo

July 22, 2020

TO: John Gale, NSPD Chief
FROM: James R. Murphy, PE, City Engineer 
RE: Tanglewood Drive, Seminole Road to Cul-de-Sac Speed Study.

To be compliant with the revised State speed limit law, a traffic study was performed regarding the speed limit along Tanglewood Drive from Seminole Road to the north Cul-de-Sac under Section 257.628.

The completed traffic study of the total 0.10-mile length of Tanglewood Drive shows a uniform roadway in a commercial setting. This street consists of one northbound, one southbound travel lane with a stop sign at Seminole Road.

The overall average 50th percentile speed is 20.6 mph with the 85th percentile speed at 25.8 mph. The majority of the 10-mph pace speed group was found to be between 15-25 mph. The current speed limit is not posted but assumed to be 25 mph.

Per the MICHIGAN VEHICLE CODE (Act 300 of 1949) Section 257.628 the posted speed limit along Tanglewood Drive between Seminole Road and the Cul-de-Sac may remain at 25 mph. This is based on the 85th percentile speed. Therefore, it is my recommendation based on the standard traffic manuals/guides and the speed falling between the 50th and 85th percentile speed that the posted speed remains at 25 mph between the Seminole Road and the Cul-de-Sac.

No adjustments to the pavement markings on this portion of the roadway is required.

If you have any questions, please feel free to contact me.

Tanglewood Drive Street Speed Study

Date: 7/22/2020

Location (North of Seminole)	Date	Median Speed	Average Speed	85th Percentile	10 MPH Pace Speed	% Traffic In Pace
Southbound (SB)	7/14/2020	20.3	19	24.5	15-25	64.9
SB	7/15/2020	18.7	18.8	24.5	15-25	66.2
SB	7/16/2020	20.6	20.4	26.3	15-25	66.2
Nortbound (NB)	7/14/2020	21.2	20.5	26.4	15-25	63.1
NB	7/15/2020	20.8	20.1	26.0	15-25	65.9
NB	7/16/2020	21.8	21.2	27.3	20-30	61.7
	Average	20.6	20.0	25.8		



Internal Memo

July 17, 2020

TO: John Gale, NSPD Chief

FROM: James R. Murphy, PE, City Engineer 

RE: Sheffield Street, Lincoln Avenue to End of Pavement north of Summit Avenue
Speed Study (Paved Portion).

To be compliant with the revised State speed limit law, a traffic study was performed regarding the speed limit along Sheffield Street between Lincoln Avenue to End of Pavement north of Summit Street under Section 257.628.

The completed traffic study of the total 0.18-mile length of Sheffield Street shows a uniform roadway in a commercial setting. This street consists of one northbound, one southbound travel lane with stop signs at Summit Avenue Road.

The overall average 50th percentile speed is 20.1 mph with the 85th percentile speed at 26.0 mph. The majority of the 10-mph pace speed group was found to be between 15-25 mph. The current speed limit is not posted but assumed to be 25 mph.

Per the MICHIGAN VEHICLE CODE (Act 300 of 1949) Section 257.628 the posted speed limit along the paved portion of Sheffield Street between Lincoln Avenue and end of pavement north of Summit Avenue may remain at 25 mph. This is based on the 85th percentile speed. Therefore, it is my recommendation based on the standard traffic manuals/guides and the speed falling between the 50th and 85th percentile speed that the posted speed remains at 25 mph.

There are no pavement markings on this portion of the roadway.

If you have any questions, please feel free to contact me.

Sheffield Street Speed Study

Date: 7/17/2020

Location (Sheffield south of Summit)	Date	Median Speed	Average Speed	85th Percentile	10 MPH Pace Speed	% Traffic In Pace
Northbound (NB)	6/29/2020	20.5	20.2	26.0	15-25	67.2
NB	6/30/2020	19.4	19.7	25.1	15-25	65.9
NB	7/1/2020	19.4	19.9	25.8	15-25	66.4
NB	7/2/2020	19.3	19.7	26.1	15-25	62.9
Southbound (SB)	6/29/2020	20.6	20.4	25.5	15-25	67.6
SB	6/30/2020	19.7	19.9	26.0	15-20	63.8
SB	7/1/2020	20.7	20.9	26.2	15-25	70.1
SB	7/2/2020	21.2	20.9	26.9	15-25	66.1
	Average	20.1	20.2	26.0		



Internal Memo

July 17, 2020

TO: John Gale, NSPD Chief

FROM: James R. Murphy, PE, City Engineer 

RE: Park Street, Seminole Road to Gin Chan Avenue Speed Study.

To be compliant with the revised State speed limit law, a traffic study was performed regarding the speed limit along Park Street from Seminole Road to Gin Chan Avenue under Section 257.628.

The completed traffic study of the total 0.14-mile length of Park Street shows a uniform roadway in a commercial setting. This street consists of one northbound, one southbound travel lane with a stop sign at Seminole Road.

The overall average 50th percentile speed is 18.3 mph with the 85th percentile speed at 23.2 mph. The majority of the 10-mph pace speed group was found to be between 15-25 mph. The current speed limit is not posted but assumed to be 25 mph.

Per the MICHIGAN VEHICLE CODE (Act 300 of 1949) Section 257.628 the posted speed limit along Park Street between Seminole Road and Gin Chan Avenue may remain at 25 mph. This is based on the 85th percentile speed. Therefore, it is my recommendation based on the standard traffic manuals/guides and the speed falling between the 50th and 85th percentile speed that the posted speed remains at 25 mph between the Seminole Road and Gin Chan Avenue.

There are no pavement markings on this portion of the roadway.

If you have any questions, please feel free to contact me.

Park Street Speed Study

Date: 7/17/2020

Location (Park @ Pontiac)	Date	Median Speed	Average Speed	85th Percentile	10 MPH Pace Speed	% Traffic In Pace
Southbound (SB)	6/29/2020	17.6	17.7	22.8	10-20.	71.6
SB	6/30/2020	17.7	17.6	22.5	15-25	73.0
SB	7/1/2020	18.7	18.9	23.9	15-25	72.1
SB	7/2/2020	19.0	19.4	24.1	15-25	83.7
Nortbound (NB)	6/29/2020	17.8	18	22.5	15-25	77.0
NB	6/30/2020	17.8	17.8	22.5	15-25	78.9
NB	7/1/2020	18.5	18.6	23.2	15-25	82.0
NB	7/2/2020	19.4	19.8	24.1	15-25	84.7
	Average	18.3	18.5	23.2		