

ORDINANCE 2019-1

AN ORDINANCE OF THE TOWNSHIP OF LEHIGH,
COUNTY OF NORTHAMPTON AND COMMONWEALTH OF
PENNSYLVANIA ESTABLISHING THE SPEED LIMIT OF 25
MILES PER HOUR ON RINKER ROAD FROM CHURCH
ROAD TO THE MOORE TOWNSHIP MUNICIPAL LINE.

WHEREAS, the Keystone Consulting Engineers conducted a traffic investigation and study, in accordance with the Pennsylvania Motor Vehicle Code to determine the appropriate speed limit on Rinker Road; and

WHEREAS, pursuant to that investigation and study, Keystone Consulting Engineers recommended the speed limit be reduced and established at a maximum speed limit of 25 miles per hour on Redwood Road. A true and correct copy is attached as Exhibit "A"; and

NOW THEREFORE, BE IT ENACTED AND ORDAINED, AND IT IS HEREBY ENACTED AND ORDAINED by the Board of Supervisors of Lehigh Township, Northampton County, Pennsylvania, as follows:

SECTION 1. Whereas Clauses

All "Whereas" clauses are incorporated herein by reference.

SECTION 2. Speed Limit Established.

The following maximum speed limits are hereby established:

<u>HIGHWAY</u>	<u>PORTION</u>	<u>MAXIMUM SPEED LIMIT</u>
Rinker Road	Church Road to Moore Township line	25 miles per hour

SECTION 3. Posting of Signs.

The Township shall replace the existing speed limit signs with the appropriate new speed limit signs, which are currently erected in accordance with the regulations adopted by the Pennsylvania Department of Transportation.

SECTION 4. Violation.

Any person who operates a vehicle in violation of this Ordinance and the official signs duly erected pursuant to this Ordinance shall be prosecuted in accordance with the terms and provisions of the Pennsylvania Motor Vehicle Code.

SECTION 5. Repealer.

All Ordinances and parts of Ordinances inconsistent herewith, be and the same are hereby repealed.

IN WITNESS WHEREOF, this Ordinance has been enacted and ordained this
Day of _____, 2019.

Board of Supervisors of
Lehigh Township, Northampton County,
Pennsylvania

ATTEST:

Chairman

Secretary



Board of Supervisors
Moore Township
2491 Community Drive
Bath, PA 18014

November 26, 2018

Subject: Rinker Road Speed Limit

Dear Board Members:

Please find attached for your consideration a speed study for Rinker Road performed by this office at the request of Sam and Trena Firmstone and as suggested by the Planning Commission. Currently, there is no posted speed limit for Rinker Road and therefore, by Pennsylvania law, the statutory speed limit for the unposted, non-residential roadway is 55 miles per hour.

As you may be aware, the Firmstones own two properties along Rinker Road, one of which is the subject of an application for a minor subdivision currently under consideration by the Planning Commission. The proposed minor subdivision would create three residential building lots, each with driveway access on Rinker Road. Due to roadway geometry and other conditions, adequate sight distances are not achievable at the proposed driveway locations when calculated based on the 55 mile per hour statutory speed limit. As such, the Firmstones requested that KCE perform a speed study with the hope that available sight distances at the proposed driveway locations would meet PennDOT minimum standards when considering the reduced maximum speed limit, as one could reasonably expect would be determined by the study.

If the Board were so inclined, it could consider passing a resolution to formally establish a maximum speed limit of 25 or 30 miles per hour for Rinker Road, as was determined by this office based on the attached study.

Please do not hesitate to contact me if you wish to discuss this matter in further detail prior to the upcoming public meeting.

Very truly yours,

KEYSTONE CONSULTING ENGINEERS, INC.

Kevin J. Horvath, P.E.

Cc: Board of Supervisors Members
Moore Township Planning Commission
David Backenstoe, Esquire
Samuel and Trena Firmstone

MEMORANDUM

To: Moore Township Board of Supervisors
 From: Keith T. Lawler, P.E.
 Date: November 9, 2018
 Subject: Rinker Road Speed Study

In accordance with PennDOT Publication 212.108(b), a roadway may be posted with a maximum speed limit within five miles per hour of the safe-running speed of the roadway. To determine the safe-running speed of Rinker Road in Moore Township, this office performed the following evaluation on Friday, November 9, 2018.

A Driver (Keith Lawler) in a typical passenger vehicle made multiple passes in both directions along Rinker Road between Becker Road and Church Road (a total roadway length of approximately 4,200 feet). The Driver recorded the vehicle speed five times in each direction for each of the following three roadway segments: the Northern Segment between Church Road and the 90-degree bend at the driveway to 143 Rinker Road; the Central Segment between said bend and the 90-degree bend at 3347 Rinker Road; and the Southern Segment between said bend and Becker Road. Please note that this study does not include recommendations for advisory speed limits for any of the roadway curves. The Driver recorded the following running speeds:

Drive Direction:	<u>Northern Segment</u>		<u>Center Segment</u>		<u>Southern Segment</u>	
	<u>SB</u>	<u>NB</u>	<u>EB</u>	<u>WB</u>	<u>SB</u>	<u>NB</u>
Run 1	28	27	33	32	26	24
Run 2	27	31	34	35	28	25
Run 3	27	30	31	33	27	24
Run 4	28	31	35	36	26	24
Run 5	28	33	32	31	28	27

A safe-running speed of 29.4 miles per hour was determined based on the overall average of the above run speeds. Therefore, this office recommends a posted maximum speed limit of 25 or 30 MPH for Rinker Road, at the discretion of the Board of Supervisors. In accordance with Pennsylvania Vehicle Code standards, one speed limit sign (PennDOT Designation R2-1) should be installed along the eastern side of the road north of and within 200 feet of Becker Road, another along the western side of the road south of and within 200 feet of Church Road, and at intervals not to exceed one half-mile. As such, one additional sign should be installed along each side of Rinker Road for a total of four signs.

Rinker Road

Moore Township

Church Rd

Rinker Rd

Becker Rd



1000 ft

Google Earth

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