

CLARK COUNTY STAFF REPORT

DEPARTMENT: Public Works/ Transportation and Development Division/ Traffic Engineering and Operations

DATE: Oct. 9, 2018

REQUESTED ACTION: Adopt an ordinance revising speed limits on three county road sections and officially setting speed limits on five county road sections.

Consent Hearing County Manager

BACKGROUND

Public Works routinely evaluates speed limits on county roads based on comments from residents, requests from the Clark County Sheriff's Office and observations by county traffic engineers. As areas develop and road conditions change, speed limits are adjusted.

County traffic engineers have observed traffic conditions and collected data for eight county road sections. This information has been used to recommend revising or officially setting speed limits based on state law and established engineering principles. The primary motivation for making these recommendations is to improve traffic safety and operations.

The eight road sections are:

1. Northeast 124th Avenue between Northeast 99th Street and Northeast 119th Street.

This section of Northeast 124th Avenue is an urban collector connecting two arterials, Northeast 99th Street and Northeast 119th Street. Starting at Northeast 99th Street, the speed limit along this mile-long road section changes from 25 to 40 MPH at Northeast 104th Street and then reverts to 25 MPH at Northeast 114th Street.

This causes confusion for drivers and contributes to non-compliance of posted speed limits. The corridor has recently experienced significant residential development along its frontage. Based on traffic safety, operations, classification and function of the corridor, and area urbanization, reestablishment of the speed zone is recommended. The recommended speed limit changes are shown in Exhibit A.

Recommendation: Set the speed limit for this road section at 30 MPH.

2. Northeast 114th Street between Northeast 124th Avenue and Northeast 132nd Avenue.

This section of Northeast 114th Street is a local access circulator street. The 0.4-mile road section currently is posted for 40 MPH.

This road section used to handle through traffic to Northeast 119th Street because Northeast 124th Avenue came to a dead end just north of Northeast 114th Street. With the completion of the Northeast 124th Avenue corridor to Northeast 119th Street, the traffic pattern has changed and

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Northeast 114th Street now functions as a circulator street. Additionally, the corridor has experienced significant residential development along its frontage. Due to shift in traffic pattern and urbanization, a speed reduction on this section of Northeast 114th Street is recommended. The recommended speed limit changes are shown in Exhibit A.

Recommendation: Set the speed limit for this road section at 25 MPH.

3. Northeast 132nd Avenue between Northeast 114th Street and Northeast 119th Street.

This section of Northeast 132nd Avenue is a local access street. The 0.4-mile road section is currently posted for 40 MPH.

This road section used to handle through traffic between Northeast 99th Street and Northeast 119th Street. With the completion of Northeast 124th Avenue corridor, the traffic pattern has changed and this road section now serves as a local access street. Additionally, the corridor has experienced significant residential development along its frontage. Due to shift in traffic pattern and urbanization, a speed reduction on this section of Northeast 132nd Avenue is recommended. The recommended speed limit change is shown in Exhibit A.

Recommendation: Set the speed limit for this road section at 25 MPH.

4. Northeast 164th Street between Northeast 182nd Avenue and Northeast 205th Avenue.

This section of Northeast 164th Street is a rural major collector, with a primary school and a secondary school along its frontage. It has a detached walkway with a mid-block school crosswalk. There is a 20 MPH school zone within this road section.

This section of Northeast 164th Street currently is posted for 40 MPH, but there is no Clark County resolution or ordinance to support the posted speed limit. The recommended speed limit is shown in Exhibit B.

Recommendation: Set the speed limit for this road section at 40 MPH. This is a housekeeping item to codify the posted speed limit.

5. Northeast 202nd Avenue from Northeast 164th Street for 500 feet to the south.

This section of Northeast 202nd Avenue is a rural local access road and is adjacent to the school zone on Northeast 164th Street. The road section currently is posted for 40 MPH, but there is no Clark County resolution or ordinance to support the posted speed limit. The recommended speed limit is shown in Exhibit B.

Recommendation: Set the speed limit for this road section at 40 MPH. This is a housekeeping item to codify the posted speed limit.

6. Northeast 262nd Avenue from Northeast Bradford Road to a point 0.63 miles north.

This section of Northeast 262nd Avenue is a local access street. The 0.88-mile road section currently is a dead-end street with no posted speed limit. This road has a combination of horizontal and vertical curves and steep grades. Additionally, this road has a significantly higher percentage of heavy vehicles than other county roads. Based on operational speed for the corridor, the predominant vehicle type, the terrain and the land use, Public Works recommends establishing a speed zone for Northeast 262nd Avenue. The recommended speed limit is shown in Exhibit C.

Recommendation: Set the speed limit for this road at 35 MPH.

7. Northeast 312th Avenue between Northeast Ireland Road and NE 41st Circle.

This section of Northeast 312th Avenue is a local access street. The 0.13-mile road is a narrow, dead-end street with no posted speed limit and an advisory 25 MPH speed. The recommended speed limit is shown in Exhibit D.

Recommendation: Set the speed limit for this road at 25 MPH.

8. Northeast Borin Road between Northeast Hughes Road and Northeast 412th Avenue.

Northeast Borin Road is a local access street. The 1.59-mile corridor is a narrow, winding road with horizontal and vertical curves and roadway widths ranging from 18 to 20 feet. The recommended speed limit is shown in Exhibit E.

Recommendation: Set the speed limit for this road at 30 MPH.

COUNCIL POLICY IMPLICATIONS

None.

ADMINISTRATIVE POLICY IMPLICATIONS

None.

COMMUNITY OUTREACH

Public Works routinely communicates with residents, neighborhood associations and other community stakeholders about speed limits. In some cases, community members request the county consider changing speeding limits.

Prior to the Oct. 9 public hearing, Public Works will issue a news release, disseminate information through social media and provide information to leaders of nearby neighborhood associations.

BUDGET IMPLICATIONS

YES	NO	
X		Action falls within existing budget capacity.
	X	Action falls within existing budget capacity but requires a change of purpose within existing appropriation
	X	Additional budget capacity is necessary and will be requested at the next supplemental. If YES, please complete the budget impact statement. If YES, this action will be referred to the county council with a recommendation from the county manager.

BUDGET DETAILS

Local Fund Dollar Amount	NA
Grant Fund Dollar Amount	NA
Account	County Road Fund
Company Name	NA

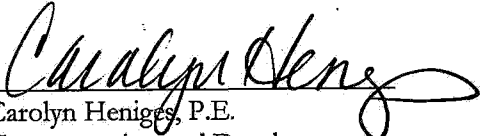
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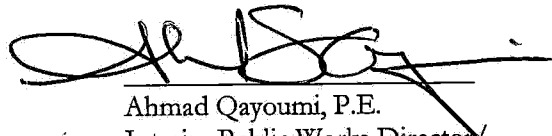
Council staff will post all staff reports to the county website, www.clark.wa.gov/council-meetings

Please return one originally signed ordinance to Public Works, attention Matt Griswold.

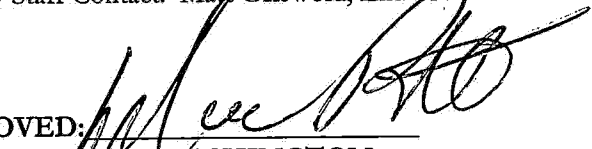
Attachments:

- Exhibits A1 and A-E
- Ordinance


Carolyn Heniges, P.E.
Transportation and Development
Division Manager


Ahmad Qayoumi, P.E.
Interim Public Works Director
County Engineer

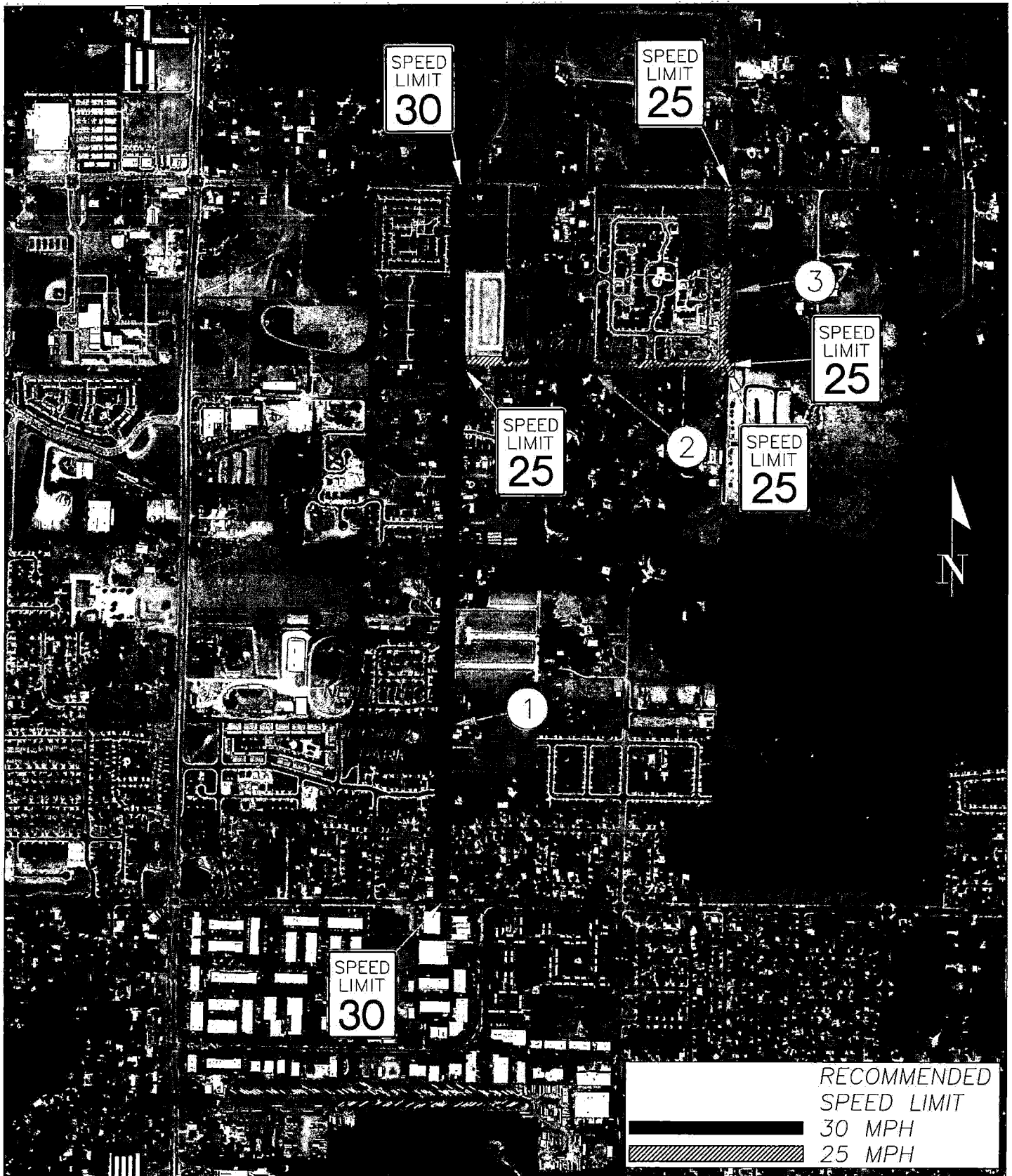
Primary Staff Contact: Matt Griswold, Ext. 4373

APPROVED: 
CLARK COUNTY, WASHINGTON
CLARK COUNTY COUNCIL
DATE: 10-9-15
SR# _____



APPROVED: _____
Shawn Hennessee, County Manager

DATE: _____



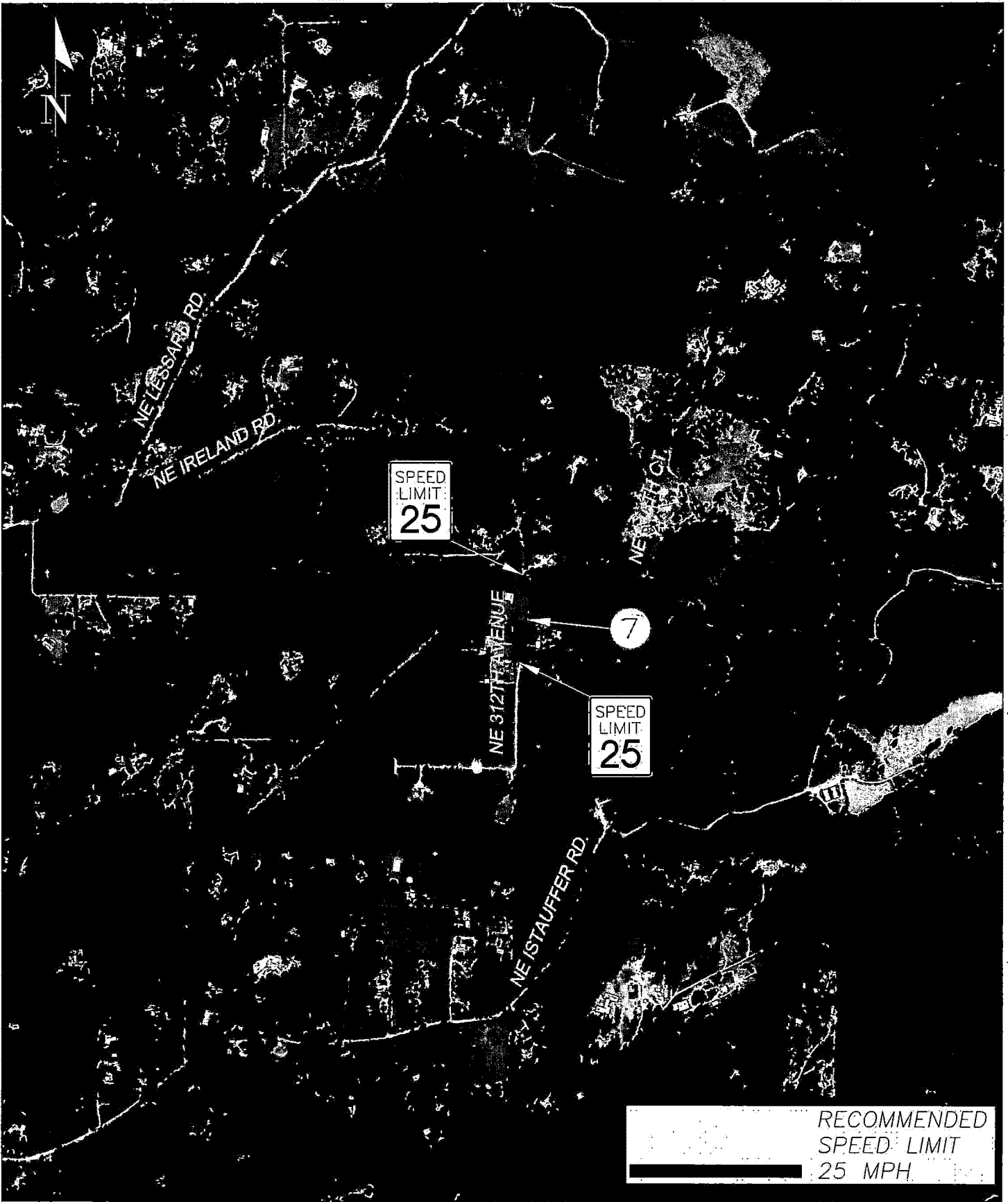
REGULATORY SPEED VICINITY MAP
EXHIBIT A



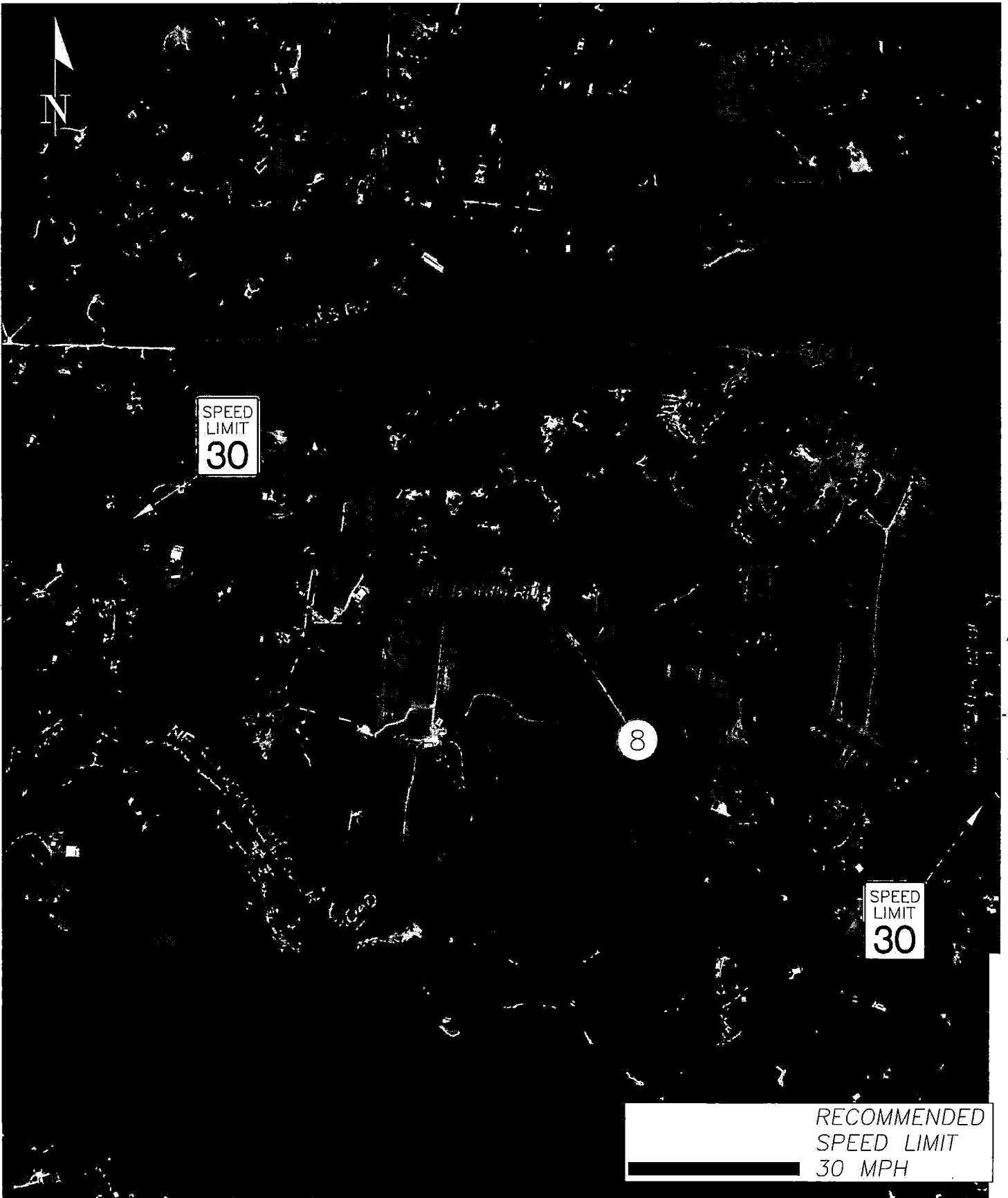
REGULATORY SPEED VICINITY MAP
EXHIBIT B



REGULATORY SPEED VICINITY MAP
EXHIBIT C



REGULATORY SPEED VICINITY MAP
EXHIBIT D



REGULATORY SPEED VICINITY MAP
EXHIBIT E

ORDINANCE NO. 2018-10-08

An ordinance to establish speed limits upon certain road sections in Clark County.

WHEREAS, RCW 46.61.415 grants local jurisdictions the authority to establish speed limits based on engineering studies and traffic investigations; and

WHEREAS, the Clark County Department of Public Works conducted studies and investigations of the following sections of road in Clark County:

1. NE 124th Avenue between NE 99th Street and NE 119th Street;
2. NE 114th Street between NE 124th Avenue and NE 132nd Avenue;
3. NE 132nd Avenue between NE 114th Street and NE 119th Street;
4. NE 164th Street between NE 182nd Avenue and NE 205th Avenue;
5. NE 202nd Avenue from NE 164th Street to a point 500 feet to the south;
6. NE 262nd Avenue from NE Bradford Road to a point 0.63 miles north;
7. NE 312th Avenue between NE Ireland Road and NE 41st Circle;
8. NE Borin Road between NE Hughes Road and NE 412th Avenue; and

WHEREAS, Clark County Traffic engineers determined, through the studies and investigations noted above, along with research of legislative resolutions, that safety and operability of the road sections specified above would improve by setting limits through ordinance as follows:

1. 30 mph;
2. 25 mph;
3. 25 mph;
4. 40 mph;
5. 40 mph;
6. 35 mph;
7. 25 mph; and,
8. 30 mph;

WHEREAS, County engineers recommend changing the speed limits accordingly;

WHEREAS, Clark County Resolution No. 1999-03-10 (amended by Clark County Resolution No. 2007-04-07) established a speed limit of 40 mph on NE 124th Avenue from 99th Street to NE 114th Street and NE 114th Street from NE 124th Avenue to NE 132nd Avenue, and NE 132nd Avenue from NE 114th Street to NE 119th Street; and a portion of Clark County Resolution No. 2007-04-07 established a speed limit of 25 mph for NE 124th Avenue between NE 99th Street and Dogwood Park (just south of NE 104th Street); and

WHEREAS, the County Council finds it necessary to rescind Clark County Resolution No. 1999-03-10 and the portion of Clark County Resolution No. 2007-04-07 that sets a speed limit of 25 mph on NE 124th Avenue between NE 99th Street and Dogwood Park to give effect to the speed limits proposed by Clark County Traffic engineers above; and

WHEREAS, the County Council is considering this matter at a duly-advertised public hearing and finds and concludes that adoption of this Ordinance will further the public health, safety and welfare; now, therefore,

IT IS HEREBY ORDERED by the Clark County Council as follows:

Section 1. Rescission. Clark County Resolution No. 1999-03-10 is hereby rescinded

Section 2. Rescission. The portion of Clark County Resolution No. 2007-04-07 that sets a speed limit of 25 mph on NE 124th Avenue between NE 99th Street and Dogwood Park is hereby rescinded.

Section 3. Amendatory. Sec. 2 of Ord. 2017-04-02, codified as CCC 10.03.020 is hereby amended to read:

10.03.20 County roads with twenty-five (25) mph speed limits based on engineering study.

Engineering studies, performed by or under the direction of county engineer, warrant the setting of a twenty-five (25) mph speed limit for the following county roads:

~~((NW 21st Avenue/NW Fruit Valley Road between NW 94th Street and NW Lakeshore Avenue; on NE 124th Avenue between NE 76th Street and the Vancouver city limit.))~~

- (1) NW 21st Avenue/NW Fruit Valley Road between NW 94th Street and NW Lakeshore Avenue;
- (2) NE 124th Avenue between NE 76th Street and the Vancouver city limit;
- (3) NE 114th Street between NE 124th Avenue and NE 132nd Avenue;
- (4) NE 132nd Avenue between NE 114th Street and NE 119th Street; and,
- (5) NE 312th Avenue between NE Ireland Road and NE 41st Circle.

Section 4. Amendatory. Sec. 3 of Ord. 2017-04-02, codified as CCC 10.03.030 is hereby amended to read:

10.03.030 County roads with thirty (30) mph speed limit based on engineering study.

Engineering studies, performed by or under the direction of county engineer, warrant the setting of a thirty (30) mph speed limit for the following county roads:

- (1) NW 21st Avenue between NW 94th Street and NW 99th Street;
- (2) NE Corbin Road/NE 39th Avenue/NE 131st Street between NE Salmon Creek Avenue and NE 50th Avenue; ~~((and))~~
- (3) NE 162nd Avenue between NE Ward Road and NE 99th Street~~((:));~~
- (4) NE 124th Avenue between NE 99th Street and NE 119th Street; and,
- (5) NE Borin Road between NE Hughes Road and NE 412th Avenue.

Section 5. Amendatory. Sec. 4 of Ord. 2017-04-02, codified as CCC 10.03.040 is hereby amended to read:

10.03.040 County roads with thirty-five (35) mph speed limit based on engineering study.

Engineering studies, performed by or under the direction of county engineer, warrant the setting of a thirty-five (35) mph speed limit for the following county roads:

- (1) NE 88th Street between NE Andresen Road and NE 94th Avenue;
- (2) NE 119th Street between NE 72nd Avenue and one-half (1/2) miles west of NE 72nd Avenue upon substantial completion of Capital Improvement Project No. 333122: NE 119th Street Vicinity of NE 50th Avenue to West of NE 72nd Avenue(±); and,
- (3) NE 262nd Avenue from NE Bradford Road to a point 0.63 miles north.

Section 6. New. A new section (050) is added to CCC 10.03 to read:

10.03.050. County roads with forty (40) mph speed limit based on engineering study.

Engineering studies, performed by or under the direction of county engineer, warrant the setting of a forty (40) mph speed limit for the following county roads:

- (1) NE 164th Street between NE 182nd Avenue and NE 205th Avenue; and,
- (2) NE 202nd Avenue from NE 164th Street for 500 feet to the south.

Section 7. Enforcement. The Washington State Patrol is requested to enforce the provisions of this ordinance. The Sheriff of Clark County is directed to enforce the provisions of this Ordinance. The Director of Public Works is directed to erect and maintain the necessary signs in accordance with the Uniform Standards adopted by the Washington State Secretary of Transportation.

Section 8. Effective Date. This ordinance shall be effective on the 10th day following adoption.

Section 9. Instructions to Clerk. The Clerk of the Council shall:

- (1) Record a copy of this Ordinance with the Clark County Auditor; and
- (2) Cause notice of adoption of this Ordinance to be published forthwith, pursuant to Clark County Code 1.02.140.
- (3) Provide a copy of this Ordinance to Code Publishing with instructions to publish.

Section 10. Direction to Code Reviser. Sections 1, 2, and 7-11 are not subject to codification.

Section 11. Roll Call Vote. The following persons voted in favor of adopting the above ordinance,
Jeanne Stewart, Julie Olson, Marc Boldt, John Blom, Eileen Quiring

The following persons voted in opposition to the adoption of the above ordinance,

ADOPTED on this 9 day of Oct, 2018.

Attest:

Ara Pedure
Clerk to the Council

CLARK COUNTY COUNCIL
CLARK COUNTY, WASHINGTON

Marc Boldt
Marc Boldt, Chair

Approved as to Form Only:
ANTHONY GOLIK
Prosecuting Attorney

By: Bill Richardson
Deputy Prosecuting Attorney

Jeanne E. Stewart, Councilor

Julie Olson, Councilor

John Blom, Councilor

Eileen Quiring, Councilor

