

**Determination of NONSIGNIFICANCE
DISTRIBUTION LIST**

**PROJECT:
NE 99th Street at SR-503 Intersection**

Notice Date: **July 21, 2016**

Please find enclosed an environmental Determination of Non Significance (DNS) issued pursuant to State Environmental Policy Act (SEPA) Rules (Chapter 197-11, Washington Administrative Code). The enclosed review comments reflect evaluation of the environmental checklist by the lead agency as required by WAC 197-11-330(1)(a)(i).

Written comments may be submitted on this determination within fifteen (15) days of its issuance, after which the DNS will be reconsidered in light of the comments received.

Please address all correspondence to:

Clark County Public Works
Jennifer Taylor, Environmental Coordinator
PO Box 9810
Vancouver, WA 98666-9810

DISTRIBUTION

State Agencies:
Washington State Department of Archaeology and
Historic Preservation
Washington State Department of Fish & Wildlife
Washington State Department of Ecology
Washington State Dept. of Natural Resources

Regional Agencies:
SW Washington Health District
Fort Vancouver Regional Library
Clark Regional Wastewater District

Special Purpose:
Confederated Tribes of the Grand Ronde
Cowlitz Indian Tribe

Local Agencies:
City of Vancouver
Clark County Conservation District
Clark Public Utilities - Water
Clark Public Utilities - Electric
Clark County Board of Councilors
Clark County Community Development
Administration
Development Services
• Fire Marshall's Office
• Clark County Sheriff's Office
• Clark County PW Environmental Services
Battle Ground School District
Clark County Fire District No. 5

Neighborhood & Homeowner Assoc.
Sunnyside Neighborhood Association
Greater Brush Prairie Neighborhood Association
Properties within 300' of project (postcard only)

Other:
The Columbian
The Reflector
Comcast Cable Services
CenturyLink
Northwest Natural Gas

DETERMINATION OF NON-SIGNIFICANCE

Description of Proposal: The NE 99th Street at SR-503 Intersection project will improve the capacity, level of service and safety at this intersection by installing new traffic signals, left and right turn lanes, median curbing, bike lanes, detached sidewalks with ADA approaches, and associated drainage system improvements. This project will not impact sensitive areas.

Proponent: Clark County Department of Public Works

Location of proposal, including street address, if any:

The project begins 50-Feet east of NE 115th Avenue and 250-Feet west of NE 118th Avenue along NE 99th Street at the SR-503 Intersection.

The project is Section 34 of Township 3 North, Range 2 East, and Section 3 of Township 2 North, Range 2 East Willamette Meridian, in Clark County, Washington.

Lead Agency: Department of Public Works, Clark County, Washington

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

The lead agency has determined that the requirements for environmental analysis, protection, and mitigation measures have been adequately addressed in the development regulations and comprehensive plan adopted under chapter 36.70A RCW, and in other applicable local, state, or federal laws or rules, as provided by RCW 43.21C.240 and WAC 197-11-158. Our agency will not require any additional mitigation measures under SEPA.

This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 15 days from the date below.

Comments must be submitted by **August 5, 2016**

Responsible Official: Tom Grange, P.E.
Position/title: Engineering and Construction Division Manager
Address: Clark County Public Works
 1300 Franklin Street
 PO Box 9810
 Vancouver, WA 98666-9810

Date: 7/19/16 **Signature:** 

ENVIRONMENTAL CHECKLIST

A. BACKGROUND

1. Name of proposed project:
NE 99th Street at SR-503 Intersection
2. Name of applicant:
Clark County Public Works
3. Address and phone number of applicant and contact person.
**Clark County Public Works
1300 Franklin Street
PO Box 9810
Vancouver, WA 98666-9810
Phone: (360) 397-2121 ext 4227
Contact: Jennifer Taylor**
4. Date checklist prepared:
June 29, 2016
5. Agency requesting checklist:
Clark County Public Works
6. Proposed timing or schedule (including phasing, if applicable):
Construction is planned for the late winter of 2016 through the spring of 2017.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
Clark Regional Wastewater District is completing gravity sewer improvements and the City of Vancouver is completing a water transmission main construction in the vicinity and included with the construction plans for the roadway improvements. NE 99th Street may be expanded in the future.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Review and analysis to complete this SEPA checklist.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
There are no applications related to this project pending government approval.

10. List any government approvals or permits that will be needed for your proposal, if known.

**Cultural Resources Review from DAHP
Clark County Stormwater Ordinance approval**

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

This project will entail improving the intersection of NE 99th Street and SR-503 (NE 117th Avenue) with left and right turn lanes on NE 99th Street and a new traffic signal/illumination system, as identified in the Clark County 2013 Arterial Atlas and the adopted 2016 Annual Construction Program. This project will be designed to WSDOT standards and reviewed by WSDOT. The road designation entails two (2) 12-foot wide travel lanes, a 12-foot wide left turn lane, a 12-foot wide right turn lane, a 5-foot wide bicycle lane, 2-foot wide outside shoulders, detached sidewalks, drainage system and storm water improvements.

12. Location of the proposal.

The proposed project is at the intersection of NE 99th Street and SR-503 in Clark County, Washington.

Section 34 of Township 3 North, Range 2 East, and Section 3 of Township 2 North, Range 2 East Willamette Meridian. See attached vicinity map.

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site: Flat, rolling, hilly, steep slopes, mountainous, other.

The vast majority of the project site is flat with slopes less than 2%.

- b. What is the steepest slope on the site (approximate percent slope)?

The steepest slope is approximately 33% cut/fill slope.

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

According to the US Department of Agriculture, Natural Resource Conservation Service (NRCS), Sifton gravelly loam and Hillsboro loam (Non-Hydric/HIA) are the soil types in the project area.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

There are no known indications of unstable soils in the immediate vicinity.

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Approximately 0.80-acres of ground disturbance, 660-cubic yards of excavation and 235-cubic yards of fill will be necessary to improve the intersection. Fill material will be supplied by the contractor from a properly permitted facility and approved by the County Engineer. Excess material will be disposed of by the contractor at a properly permitted facility.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Project plans will incorporate sediment and erosion control measures to reduce the amount of erosion and decrease the amount of turbidity in stormwater runoff. These measures may include but are not limited to silt fence, check dams, straw wattles, and inlet protection. These measures will be monitored for effectiveness during construction and will be repaired or replaced to maintain performance.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

Stormwater is channelized through the intersection through curb and gutter or catch basins. Stormwater sheet flows off the roadway and infiltrates where no curb and gutter exists. Improvements will be made to the storm water conveyance system by installing curb and gutter on the northeast and northwest quadrants along NE 99th Street.

The intersection improvement will add 15,400 square feet of new impervious surface. Stormwater runoff will be treated with the addition of two bioretention facilities, a bioretention cell in the NW quadrant and a bioretention planter in the SE quadrant, and one treatment-cartridge catch basin in the NE quadrant of the intersection. Treated stormwater and stormwater overflow will infiltrate into infiltration trenches in NE 99th Street on either side of the SR-503 intersection.

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

The contractor will be required to implement an erosion and sediment control plan complying with the Clark County Erosion Control Ordinance during construction. After construction, appropriate restoration of disturbed areas and re-vegetation will occur to ensure final site stabilization.

2. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Emissions from construction vehicles and equipment during construction will be temporary and short-term. The project will improve an existing intersection, potentially reducing air emissions by reducing the wait time at the intersection.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No off-site sources of emissions or odors that would affect the project are known at this time.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

During construction, the contractor will be required to shut off all idle equipment. Construction equipment is required by law to have in place and functional the emission control devices they were equipped with at the time of their manufacture. Also, common construction dust control practices will be implemented by the contractor.

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

There are no surface water bodies near the project site.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described water? If yes, please describe and attach available plans.

No work will occur over or adjacent to surface water bodies.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

No fill or dredge material will be placed into or removed from surface water or wetlands.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

There should be no surface water withdrawals or diversions. Additional BMPs will be added if necessary to contain stormwater runoff.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No, the proposed project does not involve any discharges of waste materials into surface waters. BMPs will be used to ensure compliance with state water quality standards.

b. Ground Water:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

The project design does not call for groundwater withdrawals or discharges. If groundwater is encountered, water from the work area will be pumped and treated before discharged to an upland area or be disposed of off site.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

This project will not discharge any waste material into the ground.

c. **Water Runoff (including storm water):**

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Stormwater from NE 99th Street in the northwest, northeast, and southeast quadrants of the intersection will flow along curb and gutter into two new bioretention facilities or a treatment-cartridge catch basin and then infiltrate beneath NE 99th Street in infiltration trenches. Stormwater from SR-503 in all quadrants of the intersection will flow into existing catch basins that drain to existing infiltration trenches. The existing infiltration trenches are located in each quadrant of the intersection with overflows to the existing WSDOT conveyance system in SR-503. The existing WSDOT conveyance system routes overflow north in SR-503 to a detention facility located approximately 0.25 miles north of NE 99th Street on the west side of SR-503. Stormwater will not be discharged into any surface waters. Stormwater management for the project has been designed to meet the Clark County Stormwater and Erosion Control Ordinance (Chapter 40.386), and the Clark County's Stormwater Management Manual.

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

The contractor is required to develop and follow a Spill Prevention Control and Countermeasure Plan (SPCC) in case of any accidental loss of hazardous materials. A spill response kit, and personnel trained in its use, will be available on-site at all times to contain and cleanup any accidental release of hazardous material during construction activity. Adhering to the project's SPCC and Stormwater Pollution Plan by using BMPs, taking preventative measures, containing accidental spills, and promptly reporting accidental spills will minimize the risk of ground and surface water contamination.

- d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

The contractor is required to apply BMPs as necessary to manage runoff impacts to water quality. The contractor is required to prepare a Spill Prevention, Control and Countermeasure (SPCC) plan to be used for the duration of the project. The SPCC plan shall identify construction-planning elements and recognize potential spill sources at the site. The plan shall outline responsive actions in the event of a spill or release and shall identify notification and reporting procedures. The plan shall also outline contractor management elements such as personnel responsibilities, project site security, site inspections, and training.

4. **Plants**

- a. List or circle types of vegetation found on the site.

Vegetation near the project boundary includes: roadside grasses, managed residential lawns, and various ornamental trees.

- b. What kind and amount of vegetation will be removed or altered?

The project will require approximately 0.76-acres of ground disturbance made up of roadside grasses.

- c. List threatened or endangered species known to be on or near the site.

There are no threatened or endangered plant species known to be near the project.

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any.

Disturbed areas will be replanted or reseeded with native vegetation.

5. Animals

- a. List any birds and animals which have been observed on or near the site or are known to be on or near the site:

Birds: The site can be expected to provide habitat resources for a limited number of resident and migratory songbirds typical of urban and semi-rural landscapes.

Mammals: The site can be expected to contain a few species of small mammals and rodents typical of urban and semi-rural landscapes.

Fish: Fish are not present within the project area.

- b. List any threatened or endangered species known to be on or near the site.

There are no threatened or endangered species near the project.

- c. Is the site part of a migration route? If so, explain.

The site is within the Pacific Flyway, a large migratory bird corridor.

- d. Proposed measures to preserve or enhance wildlife, if any:

Measures to preserve or enhance wildlife include using appropriate BMPs and replanting disturbed areas with native vegetation.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

During construction, the energy needs for the project will consist of gasoline and diesel fuel required to operate construction equipment and work vehicles. New efficient traffic signals will use electricity; however, they will reduce overall electric use for the intersection.

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No, this project will not affect the use of solar energy by adjacent properties.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

The contractor will be required to follow a no idling policy for stationary vehicles and equipment. New traffic signals will use more energy efficient fixtures.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

The proposed project will increase, in the short term, the potential for environmental health hazards at the project site. The increased risks will result from the presence of hazardous materials (e.g., diesel fuel, gasoline, oil, hydraulic fluid, etc.) associated with equipment and vehicles.

- 1) Describe special emergency services that might be required.

Emergency services that may be needed include medical, fire, and hazardous spill response. The project will incorporate a number of preventive BMPs that should minimize (and make unlikely) the need for these services.

- 2) Proposed measures to reduce or control environmental health hazards, if any:

The contractor will be required to prepare a Spill Prevention, Control and Countermeasure (SPCC) plan to be used for the duration of the project. The SPCC plan shall identify construction-planning elements and recognize potential spill sources at the site. The plan shall outline responsive actions in the event of a spill.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Noise in the project area is primarily generated by traffic from NE 99th Street and SR-503. The project will not be affected by existing noise in the area.

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Noise will be generated during clearing, grading and paving construction activities. The majority of construction activities will be limited to the hours of 7:00 AM to 10:00 PM. Work on SR-503 within State right-of-way will occur at night.

- 3) Proposed measures to reduce or control noise impacts, if any:

Noise reduction measures require the contractor to shut down idling equipment and maintain noise minimizing devices (mufflers) on the construction equipment.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?

The property is currently roadway shoulder and roadside vegetation. Adjacent property is residential, vacant, or commercial.

- b. Has the site been used for agriculture? If so, describe.

No, the site has not been used for agriculture. Construction takes place within Clark County right-of-way.

- c. Describe any structures on the site.

Existing structures are related to transportation infrastructure at the existing signalized intersection.

- d. Will any structures be demolished? If so, what?

Utility poles, pedestals and lines may be relocated and/or reconstructed.

- e. What is the current zoning classification of the site?

The project property is zoned as a commercial district (C-3).

- f. What is the current comprehensive plan designation of the site?

The comprehensive plan designation for the area is community commercial

- g. If applicable, what is the current shoreline master program designation of the site?

There is no shoreline designation in this area.

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

There are no environmentally sensitive areas within the site boundaries.

- i. Approximately how many people would reside or work in the completed project?

The project does not propose the construction of residential or commercial property.

- j. Approximately how many people would the completed project displace?

This project will not cause displacement.

- k. Proposed measures to avoid or reduce displacement impacts, if any:

This project does not require measures to reduce displacement.

- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

All applicable engineering standards and environmental regulations will be followed or minor exceptions will be obtained as appropriate.

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

No housing will be provided.

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing units will be eliminated.

- c. Proposed measures to reduce or control housing impacts, if any:

None.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

Traffic signal poles, that are approximately 35 feet tall, will be installed.

- b. What views in the immediate vicinity would be altered or obstructed?

No views would be obstructed.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

Disturbed areas will be reseeded or replanted with native vegetation.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

No light or glare will be produced by this project.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No. This project will not add light or interfere with views.

- c. What existing off-site sources of light or glare may affect your proposal?

There are no off-site sources of light or glare that will affect the proposed project.

- d. Proposed measures to reduce or control light and glare impacts, if any:

Reduction measures are not necessary because no light or glare will be caused by this project.

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

There are no formal recreational facilities in the project area.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No existing recreational uses will be displaced.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

The project improves safety at by upgrading an existing intersection.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

There are no known national, state or local preservation eligible properties within the project area.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

Clark County Maps online archaeological model has this area listed as moderate-high archaeological probability, but no evidence of historic, scientific, cultural importance, or any landmarks are known to be within the project area. Construction will occur at a location that has been previously disturbed with similar construction activities.

- c. Proposed measures to reduce or control impacts, if any:

The proposed project will not impact known historic or cultural resources. In the event that any archaeological or historical artifacts are found during project activity, work will stop and the site will be protected from further disturbance. Clark County will notify the Tribes, and all appropriate County, State, and Federal agencies, including the Department of Archaeology and Historic Preservation.

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

A traffic control plan will be developed and followed during construction to maintain safe access through the work area. There will be no long term access changes to the surrounding roadways.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

C-Tran bus routes #7 and #72 serve the existing stops on SR-503 near the project area. These bus routes will not be impacted except during temporary traffic delays during construction.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

No parking spaces are proposed and no parking spaces will be eliminated.

- d. Will the proposals require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

This project will improve the existing intersection at NE 99th Street and SR-503.

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

No water, rail, or air transportation will be used.

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

No vehicular trips will be generated by this project.

- g. Proposed measures to reduce or control transportation impacts, if any:

The contractor will develop a Traffic Control Plan that directs traffic around the work area while equipment and materials are brought on site. Construction would have minimal impacts on the travelling public.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? if so, generally describe.

No additional public services will be required.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

There are no impacts to public services. No mitigation measures are proposed.

16. Utilities

- a. List utilities currently available at the site:

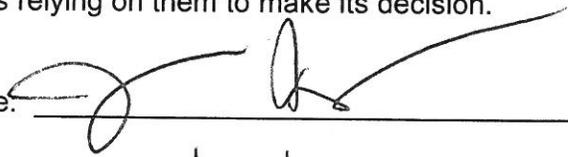
Overhead Power and Water (Clark Public Utilities), Sanitary Sewer (CRWWD), Phone/Communications (Qwest and Comcast) and Stormwater (Clark County) and Natural Gas (NW Natural).

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No new utilities installations were required as part of this project. Two Clark Public Utilities power poles will be relocated. A Clark Regional Waste Water District project to upgrade a sewer line will coincide with this project. Additionally, a City of Vancouver water line upgrade will also coincide with this project.

C. SIGNATURE

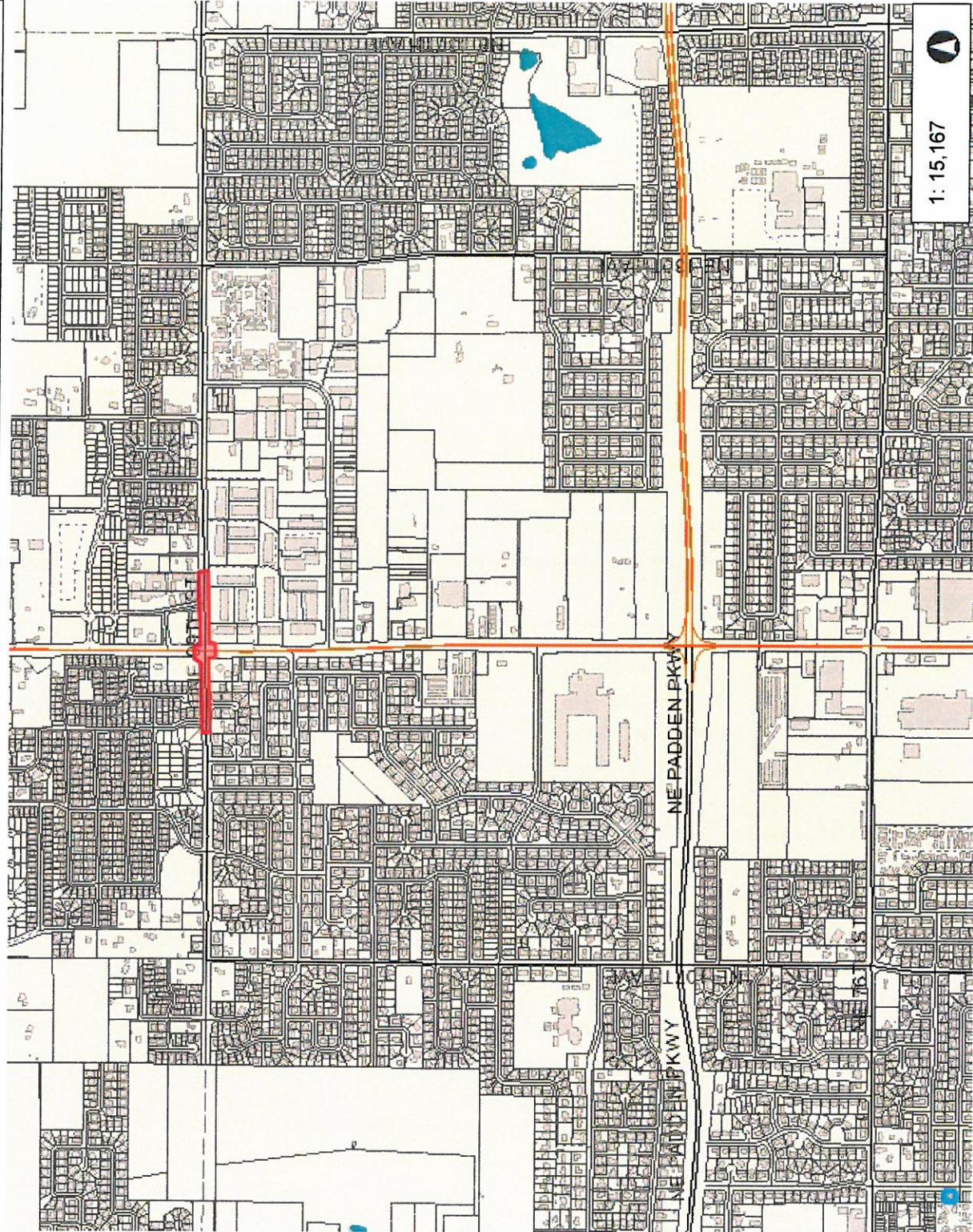
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature:  _____

Date Submitted: 7/19/16



NE 99th St at SR 503 Intersection



1: 15,167



This map was generated by Clark County's "MapsOnline" website. Clark County does not warrant the accuracy, reliability or timeliness of any information on this map, and shall not be held liable for losses caused by using this information.

Notes:

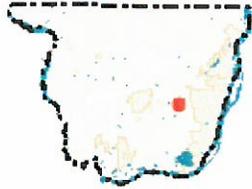
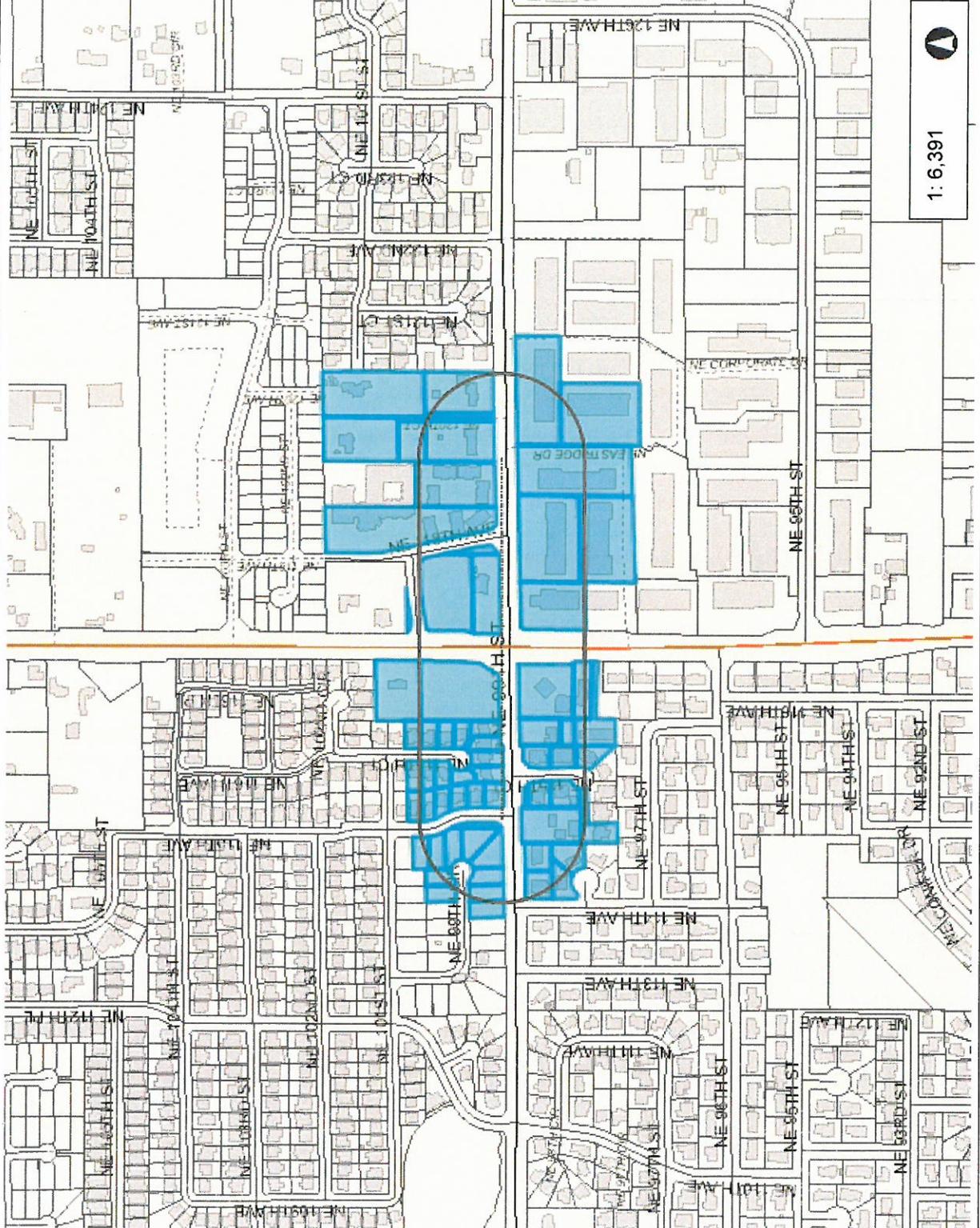
Legend

- Building Footprints
- Taxlots
- Cities Boundaries
- Urban Growth Boundaries





NE 99th Street at SR 503 Intersection



- Legend**
- Building Footprints
 - Taxlots
 - Cities Boundaries
 - Urban Growth Boundaries

Notes:
 Notice sent to residence within 300 ft radius

1:6,391



This map was generated by Clark County's "MapsOnline" website. Clark County does not warrant the accuracy, reliability or timeliness of any information on this map, and shall not be held liable for losses caused by using this information.

WGS_1984_Web_Mercator_Auxiliary_Sphere
 Clark County, WA, GIS - <http://gis.clark.wa.gov>