Determination of NONSIGNIFICANCE
DISTRIBUTION LIST

PROJECT:
NE 119th Street (NE 50th Avenue to NE 72nd Avenue)
Road Improvement Project
CRP No. 333122

Notice Date: **January 13, 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 WAS 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 Dept. of Environmental Services
Lisa Hemesath, Environmental Permitting Coordinator
PO Box 9810
Vancouver, WA 98666-9810

DISTRIBUTION

Federal Agencies
US Army Corps of Engineers

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

Regional Agencies:
SW Washington Health District
Fort Vancouver Regional Library
Vancouver-Clark Parks & Recreation

Local Agencies:
City of Vancouver
Clark County Conservation District
Clark Public Utilities - Water
Clark Public Utilities - Electric
Clark County Board of Commissioners
Clark County Community Development
Administration
Development Services
Fire Marshall's Office
- Clark County Sheriff's Office
- Clark County Department of Environmental Services

Battle Ground School District

Special Purpose:
Clark County Fire District No. 5

Other:
The Columbian
The Reflector

Neighborhood & Homeowner Assoc.
Pleasant Highlands Neighborhood Association
Sherwood Hills Neighborhood Association
Sunnyside Neighborhood Association
Properties within 500' of project (postcard only)
Friends of Curtin Creek (postcard only)

Special Purpose Agencies:
Comcast Cable Services
AT&T
Century Link
Northwest Natural
Clark Regional Wastewater District
Cowlitz Indian Tribe
Confederated Tribes of the Yakima Nation
Confederated Tribes of the Grand Ronde

DETERMINATION OF NON-SIGNIFICANCE

Description of Proposal: This project will improve approximately 0.64 miles of NE 119th Street between NE 50th Avenue and NE 72nd Avenue. The goal of this project is to widen the roadway to the standards of a two-lane minor arterial (M-2cb) which includes two 12-foot wide travel lanes, a 12-foot wide center left-turn lane, 6-foot wide sidewalks, and 5-foot wide bike lanes. Roadside bioretention cells, stormwater vaults, infiltration facilities, and a stormwater treatment wetland/detention facility will treat and detain road runoff. Utilities will be relocated and/or upgraded as deemed necessary. To upgrade the natural gas system in the area, NW Natural plans to install approximately 3,800 linear feet of 8-inch diameter steel pipeline buried on the south side of the road right-of-way. Impacts to wetlands will be mitigated off-site at the Curtin Creek Advance Mitigation Site.

Proponent: Clark County

Location of proposal, including street address, if any: Project is located on NE 119th Street between NE 50th and NE 72nd Avenues, Clark County, WA. The project is located in T3N R2E Sections 30 and 31, and T3N R1E Sections 25 and 36.

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 **January 29, 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: 1/4/2016 **Signature:** Tom Grange

The staff contact person, telephone number, and e-mail for any questions on this review is Lisa Hemesath, 360-397-2121, extension 4865.

SEPA ENVIRONMENTAL CHECKLIST

A. Background

1. Name of proposed project, if applicable:

   NE 119th Street (NE 50th Avenue to NE 72nd Avenue) Road Improvement project

2. Name of applicant:

   Clark County

3. Address and phone number of applicant and contact person:

   Clark County Environmental Services
   Attn: Lisa Hemesath
   PO BOX 9810
   Vancouver, Washington 98666-9810
   360-397-2121 X4865
   Email: Lisa.Hemesath@clark.wa.gov

4. Date checklist prepared:

   October 30, 2015

5. Agency requesting checklist:

   Clark County Public Works

6. Proposed timing or schedule (including phasing, if applicable):

   March 2017 – November 2017

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

   No. There are currently no plans for future additions, expansions, or further activity related to this project.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

   - **Section 106 Cultural Resources Survey Report**
   - **Wetland Delineation and Functional Assesement Report**
   - **Wetland Mitigation Plan**
   - **Noise Technical Memorandum**
   - **Stormwater Pollution and Prevention Plan**

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.

No. There are no other pending government approvals affecting the property covered by this proposal.

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

- **U.S. Army Corps of Engineers Section 404 Permit**
- **Clark County Wetland Permit**
- **National Pollutant Discharge Elimination System (NPDES) Construction Stormwater General Permit**

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. (Lead agencies may modify this form to include additional specific information on project description.)

This project will improve approximately 0.64 miles of NE 119th Street between NE 50th Avenue and NE 72nd Avenue. The goal of this project is to widen the roadway to the standards of a two-lane minor arterial (M-2cb) which includes two 12-foot wide travel lanes, a 12-foot wide center left-turn lane, 6-foot wide sidewalks, and 5-foot wide bike lanes. Roadside bioretention cells, stormwater vaults, infiltration facilities, and a stormwater treatment wetland/detention facility will treat and detain road runoff. Utilities will be relocated and/or upgraded as deemed necessary. To upgrade the natural gas system in the area, NW Natural plans to install approximately 3,800 linear feet of 8-inch diameter steel pipeline buried on the south side of the road right-of-way. Impacts to wetlands will be mitigated off-site at the Curtin Creek Advance Mitigation Site.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project corridor is along NE 119th Street between NE 50th Avenue to NE 72nd Avenue in unincoprated Clark County (Figure 1). The project is located in T3N R2E Sections 30 and 31, and T3N R1E Sections 25 and 36.

B. Environmental Elements

1. Earth

a. General description of the site:
(circle one): Flat, rolling, hilly, steep slopes, mountainous, other

The site is flat to gently rolling. The west end of the project site at NE 50th Avenue is at an elevation of approximately 235 feet at mean sea level (MSL), slopping up to 260 feet MSL near NE 60th Avenue. The elevation then decreases to 240 feet MSL near NE 65th Avenue.

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

Typical road gradients on NE 119th Street are 0 to 3 percent in the western portion near the intersection with NE 50th Avenue, 8 to 12 percent in the middle of the project, and 0 to 8 percent in the eastern portion.

Except for existing ditch side slopes that are in excess of 40% and walls with vertical faces, grades adjacent to NE 119th Street are level with or gently sloping away from the roadway. North of NE 119th Street, grades adjacent to NE 50th Avenue slope gently upwards to the east and gently downwards to the west. South of NE 119th Street, grades on both sides of NE 50th Avenue slope gently away from the road.

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 agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Per the geotechnical engineering study prepared by Hart Crowser (2014), the near-surface soils along the NE 119th Street alignment are predominantly three variants of Hillsboro silt loam (0 to 3, 3 to 8, and 8 to15 percent slopes).

The Hillsboro silt loam soils are described as deep and well drained, with moderate permeability. Depending upon the slope gradient, the surface runoff is very slow to medium and has no to moderate erosion potential. The upper seven feet of the unit is estimated to have a hydraulic conductivity (permeability) of 0.6 to 2 inches per hour.

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

Clark County Critical Areas GIS data does not show any severe erosion hazards or unstable slopes within the project area.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

Approximately 9.2 acres of ground disturbance will be necessary to build the new roadway and stormwater facilities, relocate utilities, and provide a suitable substrate for landscaping.

Approximately 22,000 cubic yards of excavation and 9,000 cubic yards of fill will be needed to construct the improved roadway. Fill material will come from a permitted facility determined by the contractor and approved by the County Engineer.

A portion of excavated material will be reused as fill within the project. Approximately 13,000 cubic yards of material will be taken to a commercial disposal site and/or a fully-permitted project site.

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

There is a potential for erosion during the construction of this project. A National Pollution Discharge Elimination System (NPDES) Construction Stormwater General Permit issued by the Department of Ecology will be necessary because the project site discharges stormwater into a storm drainage system that leads to state waters (i.e. Curtin Creek).

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

Approximately 76% of the final site will have impervious surfaces.

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 control plan complying with the Clark County Stormwater and Erosion Control Ordinance (CCC 40.385) during construction. In addition, the County will apply for a NPDES Construction Stormwater General Permit from the Department of Ecology. A stormwater pollution and prevention plan (SWPPP) will be developed and followed by the contractor. The plan will outline what methods will be used to prevent erosion and provide sediment control.

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

Dust may result from the demolition of existing roadside structures, excavation, placement of fill and grading. Exhaust from construction vehicles and equipment may affect air quality as well. The project will not result in any long-term air emission increases. The proposed activity is exempt from air quality conformity requirements (40 CFR 93.126).

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

Off-site sources of emissions or odors will not impact this project.

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 addressed in the plans and implemented by the contractor.

3. Water

a. Surface Water:

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 two palustrine emergent/forested wetlands (Wetland A and Wetland B) located adjacent to NE 119th Street. There are no streams within the project area.

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

Project work will occur in and adjacent to Wetland A and Wetland B. This work includes clearing vegetation, installing temporary work area isolation measures, placing permanent fill to raise the roadway, constructing retaining walls, and reseeding temporarily disturbed areas.

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.

Activity (fill, drain, excavate, flood, etc.)	Wetland Name	Wetland type and rating category	Impact area (sq. ft. or Acres)	Duration of impact
Excavate/Fill (retaining wall)	Wetland A	II	4015 sq. feet	Permanent
Excavate	Wetland A		892 sq. feet	Temporary
Excavate/Fill (retaining wall)	Wetland B	II	513 sq. feet	Permanent
Excavate	Wetland B		503 sq. feet	Temporary

The project will permanently impact 4,528 square feet (0.104 acres) of palustrine emergent/forested wetland. The use of retaining walls adjacent to the roadside wetlands will minimize impacts to the wetlands compared to constructing fill slopes. Construction of the retaining walls will require that fill be placed in both Wetland A and B. Approximately 828 cubic yards of fill will be placed in Wetland A, and 104 cubic yards in Wetland B. The source of fill material will be from a licensed commercial facility/rock quarry.

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

The project will not require surface water withdrawls or diversions.

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

The project is not located within a 100-year floodplain.

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.

The proposed project does not involve any disposal of waste materials to surface waters. Erosion control measures will be in use during construction to prevent sediment from entering into any water bodies located on or adjacent to the project area.

b. Ground Water:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

Excavation for the placement and relocation of utilities will require temporary trench de-watering using a wellpoint system, or similar method. Trench dewatering is necessary to provide stable working conditions in excavations. If the groundwater is clean, it will be discharged to roadside ditches or to existing stormwater pipes. These pipes will discharge either to county-owned stormwater facilities or directly into Curtin Creek. If the water contains sediments, it will be disposed in an upland location and allowed to infiltrate back into the ground or, depending on the volume of water, it will be piped to the county-owned stormwater facilities for proper treatment. Quantity of groundwater withdrawn will vary according to location along project corridor and work season.

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.

Does not apply. The project does not involve waste discharges into the ground.

c. Water runoff (including stormwater):

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.

The proposed project will increase the amount of impervious surface from the existing 2.7 acres to 5.2 acres, an increase of 2.5 acres.

The NE 119th Street alignment crosses a watershed boundary, between NE 56th Avenue and NE 60th Avenue. The western portion currently discharges to a closed depression located north of NE 119th Street, within the Salmon Creek watershed. The eastern portion of the project discharges to the Curtin Creek watershed via

roadside ditches. This project includes two stormwater management facilities that will collect, treat, and detain or infiltrate stormwater in accordance with Washington Department of Ecology's (DOE) standards.

Collection System
Standard curb and gutters, inlets, and pipes will be used to collect and convey the runoff from the project to the stormwater facilities.

Stormwater Management Plan - West Side
The west side of the project naturally discharges runoff to a closed depression within the Salmon Creek watershed. The west portion of the project will utilize roadside bioretention cells and treatment vaults for water quality prior to being infiltrated. The new facilities will treat and infiltrate the design storm according to Stormwater Management Manual for Western Washington (DOE 2014) standards.

Stormwater Management Plan - East Side
Stormwater generated from the eastern portion of the project will discharge to an existing stormwater treatment wetland/ detention facility prior to discharging to Curtin Creek. The existing facilities will treat and detain the design storm according to Stormwater Management Manual for Western Washington (DOE 2014) standards prior to discharge to Curtin Creek. In addition to flow control provided by the stormwater pond, the stormwater design incorporates use of a constructed floodplain bench along Curtin Creek to provide further flow control. The intent of the floodplain storage approach is to create additional storage adjacent to the existing creek by using natural flow patterns and the availability of County owned land along Curtin Creek. Installation of stormwater treatment facilities will compensate for water quality effects to Curtin Creek by incrementally restoring Curtin Creek to a more natural hydrograph.

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

Stormwater runoff, potentially including sediment, could enter the existing storm sewer during construction. Runoff is not anticipated to carry waste materials to ground or surface waters after construction. Pollution generating surfaces will have stormwater runoff treatment best management practices (BMPs) in place in accordance with the Clark County Stormwater and Erosion Control Ordinance (Chapter 40.386) and the Stormwater Management Manual for Western Washington (DOE 2014).

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

The NE 119th Street alignment crosses a watershed boundary between NE 56th Avenue and NE 60th Avenue. The western portion of the project corridor currently discharges to a closed depression located north of NE 119th Street within the

Salmon Creek watershed. Offsite runoff generated from subdivisions to the south of NE 119th Street discharge stormwater runoff via a pipe system within the existing roadway to the same closed depression. The eastern portion of the project corridor discharges to the Curtin Creek watershed via roadside ditches. The proposed stormwater management plan will not alter these existing drainage patterns.

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

Project impacts to wetlands will be mitigated off-site at the Curtin Creek Advance Mitigation Site, located less than one mile east of the project corridor. The mitigation site was created to compensate for wetland impacts along NE 119th Street, and for future wetland impacts as a result of capital projects within the Curtin Creek watershed. Mitigation ratios as outlined in Clark County Wetland Protection ordinance (CCC 40.450).

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.

An erosion control plan complying with the Clark County Erosion Control Ordinance (Chapter 40.386) in combination with a stormwater pollution and prevention plan (SWPPP) will be developed and implemented. The plan will detail temporary erosion and sediment control and stormwater pollution prevention measures.

All stormwater generated post-construction will be treated prior to infiltration into the ground or discharge to off-site surface waters according to the standards of the Stormwater Management Manual for Western Washington (DOE 2014).

4. **Plants**

a. Check the types of vegetation found on the site:

__x__ **deciduous tree: big-leafed maple, quaking aspen, mountain ash**
__x__ **evergreen tree: douglas fir, grand fir, ponderosa pine,**
__x__ **shrubs: snowberry, hazelnut, thimbleberry, indian plum**
__x__ **grass**
_____ pasture
_____ crop or grain
_____ orchards, vineyards or other permanent crops.
__x__ **wet soil plants: reed canarygrass, willow, Oregon ash**
_____ water plants: water lily, eelgrass, milfoil, other
__x__ **other types of vegetation: ornamental trees and shrubs**

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

Vegetation slated for removal will primarily be ornamental trees and shrubs located on the frontyards of residential homes. A few woodlots along the project corridor will require the removal of native trees and shrubs as indicated in 4a above.

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

According to the Washington Department of Natural Resources Natural Heritage Program database, there are no federally-listed or state-listed threatened or endangered species on or near the project site. However, the database does indicate that small-flowered trillium (*Trillium parviflorum*) has been identified in the past near the intersection of NE 119th Street and NE 65th Avenue. The observation was probably made in the woodlot to the south of NE 119th Street. This is the same woodlot that contains Wetland B.

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

Before construction begins on the road corridor, noxious weeds will be eradicated using herbicides and manual labor. The elimination of weeds will minimize there ability to spread during ground disturbing activities (i.e. clearing and grubbing, grading, excavation). Eradicating weeds will provide an opportunity for native plants to recolonize land adjacent to the new roadway. Temporarily disturbed ground will be reseeded with grass.

Curbside bioretention cells will be planted with emergent species, ground covers, and shrubs.

e. List all noxious weeds and invasive species known to be on or near the site.

Himalayan blackberries can be found along the roadside adjacent to woodlots or other unmowed fields/lawns. Reed canarygrass, an invasive species in wetlands, dominates the emergent vegetation in Wetland A.

5. **Animals**

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

Hawks and songbirds common to suburban landscapes have been observed on the project site. Deer have been seen in landonwers' yards. Small mammals such as raccoons, skunks, and mice are probably common.

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

There are no federally-listed or state-listed threatened or endangered species on the site. According to the Washington Department of Fish & Widlife's Priority Habitat and Species database (http://wdfw.wa.gov/mapping/phs/) (PHS on the Web, accessed 10/20/15), there are no priority species within or near the project area.

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

The project is not along a river corridor, adjacent to any natural feature, or part of any naturally vegetated corridor that would support migration routes.

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

To minimize vegetation removal to the extent practicable, the work zone will be demarcated with fencing. Emergent species (i.e. rushes, sedges) will be planted in roadside bioretention cells. Stormwater facilities will be planted with native species recommended by the DOE in the Western Washington Stormwater Management Manual, Volume V (DOE 2014).

e. List any invasive animal species known to be on or near the site.

No invasive animal species are known to occur on or near the project site.

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.

Diesel and gasoline will be used by construction vehicles and equipment and by workers accessing the site.

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

No. The project will not affect the potential use of solar energy.

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:

None proposed at this time.

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.

During construction the contractor will be using fuels and lubricating fluids, and there is the possibility that some of these hazardous fluids could be spilled or leaked.

1) Describe any known or possible contamination at the site from present or past uses.

According to DOE's Facility/Site database for hazardous waste and cleanup sites (http://www.ecy.wa.gov/fs/), there are no recorded sources of hazardous wastes on NE 119th Street between NE 43rd Street and NE 72nd Avenue. The nearest hazardous waste source is approximately ¼ mile from any proposed ground disturbing activities associated with the project.

According to aerial photographs dating back to 1955, land surrounding NE 119th Street was used for agricultural purposes (orchards, cultivated fields, hay fields).

By the early 1970s, land adjacent to NE 119th Street was urbanizing and quickly being developed into residential homes. The project corridor does not contain any commercial or industrial uses. The threat of contamination in this kind of environment is low.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

NW Natural has gas lines within county right-of-way along the project corridor. The County is working with NW Natural to relocate and extend existing gas lines within the project corridor.

The septic drainfields of a few homes along the project corridor may need to be moved to provide space for the wider road. Clark County will work with the landowners to determine new locations of drainfields, according to Clark County Code 24.17, On-Site Sewage Systems Rules and Regulations. If the new sanitary sewer line is operational by the completion of the project, property owners will have the option to connect to the new sewer.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

The contractor will use and/or store gas, diesel fuel, and lubricants.

Before construction begins, herbicides will be used to control weeds within the project work zone. Herbicides will be applied by professionals that have obtained their pesticide applicator's license.

4) Describe special emergency services that might be required.

The emergency services and procedures for any environmental health hazards are already in place through the local fire district and mutual aid agreements with other agencies.

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

The risk of hazardous materials spills and leaks during construction will be mitigated by requiring the contractor to prepare a Spill Prevention, Control and Countermeasure (SPCC) plan to be used for the duration of the project.

The SPCC plan will identify construction-planning elements and recognize potential spill sources at the site. The plan will outline responsive actions in the event of a spill or release and shall identify notification and reporting procedures. The plan will also outline contractor management elements such as personnel responsibilities, project site security, site inspections and training.

b. Noise

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

NE 119th Street is located in a suburban neighborhood. No noises exist that will affect the project.

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.

Short term noise will be generated during construction by heavy machinery. Construction will involve clearing, grading, excavation and fill activities. Construction activities would be limited to the hours of 7:00 AM to 10:00 PM.

Because no travel lanes are being added, and there is no significant change in the horizontal or vertical alignment, no significant increase in noise levels is expected along the project corridor (HDR 2015).

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

Short term construction noise will come from the construction site during the hours of 7:00 AM to 10:00 PM and will be regulated through the County Public Disturbance Noises Ordinance (Chapter 9.14 Clark County Code). Short term mitigation measures include restricting construction hours from 7:00 AM to 10:00 PM, and requiring the contractor to shut down idling equipment and to maintain the noise limiting devices (mufflers) on the construction equipment.

Long term noise impacts are not expected to result from the project, therefore measures to reduce or control long term noise impacts are not necessary.

8. **Land and Shoreline Use**

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Land use along the project corridor is classified as Urban Low Density Residential and is predominately single family homes. The intersection at NE 50th Avenue is classified as Neighborhood Commercial. The intersection at NE 72nd Avenue is classified as Community Commercial. The proposed roadway project will not affect land uses on adjacent or nearby properties. However, it should be noted that the proposed stormwater facility at the intersection of NE 119th Street and NE 50th Avenue is located on a taxlot that is classified as Neighborhood Commerical.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

Land along the project corridor used to be used for agricultural purposes (i.e. orchards, cultivated fields, hay fields). Woodlots, which may have been working forest lands, were also located along NE 119th Street. By the 1970s the area was urbanizing and residential homes became more prevalent. The entire project corridor is now located within the Vancouver Urban Growth Boundary (UGB). The project will not lead to the conversion of farmlands or forest lands into nonfarm or nonforest use.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

The proposal will not impact the business operations of working farms and forest lands. No working farm or forest lands exist along the project corridor.

c. Describe any structures on the site.

Structures include mailboxes, power poles, driveway culverts, fences, utility cabinets, and signs.

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

Structures will be moved to accommodate the wider road width. No residential homes will be demolished.

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

R1-6., R1-7.5, C-2, and C-3

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

Almost the entire corridor is designated as Urban Low Density Residential (UL). The intersection at NE 50th Avenue is classified as Neighborhood Commercial. The intersection at NE 72nd Avenue is classified as Community Commercial.

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

The project is not located in a shoreline zone.

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

The only critical areas identified are the two wetlands located adjacent to NE 119th Street, just west of NE 65th Avenue.

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

None. This is a road improvement project. No new housing units or new businesses are proposed.

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

None. The project will not require displacement of homes or businesses.

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

Not applicable.

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

This road improvement project has been identified as a necessary traffic improvement project in Clark County's adopted 2015-2020 Traffic Improvement Program (TIP). Per RCW 36.81.121, the TIP must be consistent with the county's adopted Comprehensive Growth [Management] Plan. The 20-year Capital Facilities Plan (CFP) reflects transportation priorities in the Comprehensive Plan. As a result, the TIP must consider projects from the CFP. The TIP uses objective criteria to evaluate and prioritize road improvement projects. The TIP assigns available revenues to projects to achieve the goals of the Comprehensive Growth Management Plan. Thus, the proposed project is consistent with land use and transportation plans, and the proposed project is intended to serve planned growth in the area.

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

Not applicable. The project site is within the Vancouver Uban Growth Boundary and is not adjacent to agricultural or forest lands of long-term commercial significance.

9. **Housing**

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

None. This is a road improvement project. No new housing units or new businesses are proposed.

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:

Not applicable.

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?

Retaining walls will be added at select locations along the project corridor where the height of the roadway surface will be raised and/or lowered in elevation. Retaining walls will measure seven to 10 feet in height. Changes to the elevation of the roadway will increase sight distance for motorists, and thus improve safety along the project corridor. Retaining walls will also be used west of NE 65th Avenue in order to reduce impacts to adjacent wetlands. While the type of wall has not been decided at this point in design, it will either be a gabion or concrete retaining wall.

Existing utility line poles will be moved to accommodate the wider road width.

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

Views may be slightly altered for some landowners in areas where retaining walls are deemed necessary.

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

Areas disturbed during construction will be reseeded with grass. Street landscaping will be designed and installed per Clark County standards. The County will work with landowners to repair/replace any damaged lawn or landscaping that may have been disturbed during construction.

11. **Light and Glare**

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

No permanent lights will be installed as part of the roadway improvement project. The project is not expected to result in new sources of light and glare.

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

No, the proposed project is not expected to result in light and glare that could be a safety hazard 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:

Not applicable.

12. **Recreation**

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

No formal recreation areas are located along the project corridor.

There are two adjacent parcels, TL# 199236000 and TL# 199086002, that are designated as park property; however, the property is not a developed park. The acerage of both parcels combined is 3.82 acres. Currently, there is a residential house and four outbuildings on the property. The open grassy field is used as pasture for livestock. The property is currently leased.

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

Currently, there are no formal or informal recreational uses along the project corridor. The project will require the purchase of a 20-foot wide strip of property along the road frontage of an undeveloped park. This area will be developed to include a rain garden and sidewalk. An additional 15-foot wide stormwater easement behind the sidewalk will be necessary to allow for drainage. The purchase and easement would reduce the size of the future park site from 3.82 acres to 3.61 acres.

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

The purchase of park property to widen NE 119th Street does not impact existing recreational uses. The sidewalk along the park's frontage is a benefit to the park as it will provide pedestrians a safe travel route to the park. The remaining 3.61 acres of park property will still be developable after road construction is complete.

13. **Historic and cultural preservation**

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

The project site does not include features listed or proposed for listing on any national, state, or local preservation registers.

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

A cultural resources report was completed for the proposed project corridor in October 2015. No known resources of historic, archaeological, scientific or cultural importance were identified.

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

The cultural resources survey was conducted by a consultant that meets the professional qualifications of the U.S. Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation.

The cultural resources survey follows the standards of the Washington State Department of Archaeology and Historic Preservation (DAHP). The cultural resources report was reviewed by DAHP and tribal authorities. DAHP concurred that no historical or archaeological resources of significance were found during the survey (DAHP 2015).

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Not applicable. The proposed project will not impact known historic and/or cultural resources. However, in the event that any archaeological or historical artifacts are found during project activity, work will stop, the site will be protected from further disturbance, and the County will notify the Tribes, and all appropriate federal, state and county agencies, including DAHP.

14. **Transportation**

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

This project will improve approximately 0.64 miles of NE 119th Street between NE 50th Avenue and NE 72nd Avenue. Local street access along the project corridor will be maintained and/or improved to match the new grade of NE 119th Street.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The project corridor is not served by public transit. The closest C-Tran bus stop is near the intersection of LaLonde Drive and NE 50th Avenue, one mile south of the NE 119th Street and NE 50th Avenue intersection.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

NE 119th Street does not provide on-street parking. The project would not create or eliminate parking spaces.

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

Currently, NE 119th Street between NE 50th Avenue and NE 72nd Avenue is a narrow two-lane road with no sidewalks or bicycle lanes. The goal of this project is to widen the roadway to the standards of a two-lane minor arterial (M-2cb) which includes center left-turn lanes, sidewalks, and bike lanes. The road designation entails two 12-foot wide travel lanes, a 12-foot-wide center left turn lane/median, a 5-foot wide bicycle lane, and 6-foot wide detached sidewalks.

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

The project will not use these transportation modes. The project location is not near water, rail or air transportation.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

The project itself will not generate any traffic. The goal of the project is to improve vehicular and non-vehicular safety and mobility along NE 119th Street.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

The project will not interfere with the movement of agricultural or forest products. The project corridor is within the Vancouver Urban Growth Boundary. Taxlots adjacent to this stretch of NE 119th Street are predominatly zoned residential and are not a source of agricultural or forest products. In addition, the proposed project will improve the safety of the road corridor, thus allowing a safer more efficient travel route for all vehicles.

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

Measures to reduce or control transportation impacts may include the following during project construction:

- **Signs, steel plates, barricades, warning lights, and/or traffic cones would be used at all openings, obstructions, detours, or other hazards on the roadway, as necessary, to ensure the safety of pedestrians, bicyclists, and vehicles.**
- **Personnel would be provided to direct traffic around and through the construction area so that traffic moves smoothly.**
- **All traffic control would be conducted in accordance with Clark County requirements.**
- **Intersections/roadways of concern would be identified and project impacts would be addressed in a traffic control plan.**

The completed project would improve the safety and mobility of vehicles, pedestrians and bicyclists along the corridor. No other impacts to transportation are anticipated from the completed project; therefore, no additional mitigation measures are proposed.

15. **Public Services**

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

No additional need for public services is anticipated as a result of the proposed project.

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

Mitigation measures to control construction-related impacts on public services may include the following:

- **Conducting all traffic control in accordance with Clark County.**
- **Notifying community transit, school districts, law enforcement, and fire/emergency service providers of construction dates in advance, and providing project schedule updates throughout the construction period.**
- **Posting construction schedules on local roads, and/or providing notification to area residents, where appropriate.**
- **Identifying intersections/roadways of concern and addressing project impacts in a traffic control plan.**

The completed project is not anticipated to impact public services; therefore, no mitigation measures are proposed.

16. **Utilities**

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

The project corridor is serviced by electricity (Clark Public Utilities), water (Clark Public Utilities), natural gas (NW Natural), phone (CenturyLink), and cable (Comcast). With the exception of one new subdivision currently under construction, most landowners along the project corridor have septic systems.

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.

Due to the expanding road prism, several utilities in the existing road right-of-way will need to be relocated including phone lines (Century Link), cable lines (Comcast) and electrical lines (Clark Public Utilities). The relocated lines will run parallel to the proposed road prism within the road right-of-way.
Clark Public Utilities has an existing water line in the NE 119th Street road right-of-way and plan to upgrade this water line to a larger diameter pipe.

NW Natural has an existing 6" polyethylene gas line along the project corridor on the north side of the road right-of way which may need to be moved. In addition, NW Natural has plans to extend an existing high pressure gas line along the south side of NE 119th Street within the road right-of-way before or during road construction. This extension will involve installing approximately 3,800' of 8" diameter buried steel pipe utilizing both Horizontal Directional Drill (HDD) and direct bury methods. The purpose of this new natural gas pipe is to better serve customers in the project area.

The Clark Regional Wastewater District will be adding a new sanitary sewer line along the project corridor. Property owners located along NE 119th Street will have the option to disconnect their existing septic systems and have their homes connected to the sanitary sewer system once the system is operational.

Clark County will construct a new stormwater collection system in association with the roadway. After construction is complete, the roadway will have curbs and gutters, inlets, and pipes to collect and convey the stormwater runoff from the project to roadside biorentention cells, stormwater vaults, and two stormwater facilities.

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: Lisa Hemesath

Name of signee Lisa Hemesath

Position and Agency/Organization Env. Permitting Coordinator, Clark County DES

Date Submitted: 12/30/2015

References

Clark County. 2014. 2015 - 2020 Clark County Transportation Improvement Program (TIP). Clark County Public Works. November 2014.

Clark County. 2014. Wetland/Habitat Mitigation Plan for NE 119th St (72nd to 87th Avenue) Road Improvement Project & Advance Mitigation Proposal. March 31st, 2014.

HartCrowser. 2014. Draft Geotechnical Engineering and Inflitration Study: NE 119th Street Improvements (NE 50th Avenue to NE 72nd Avenue). Prepared for Clark County Public Works. August 20th, 2014.

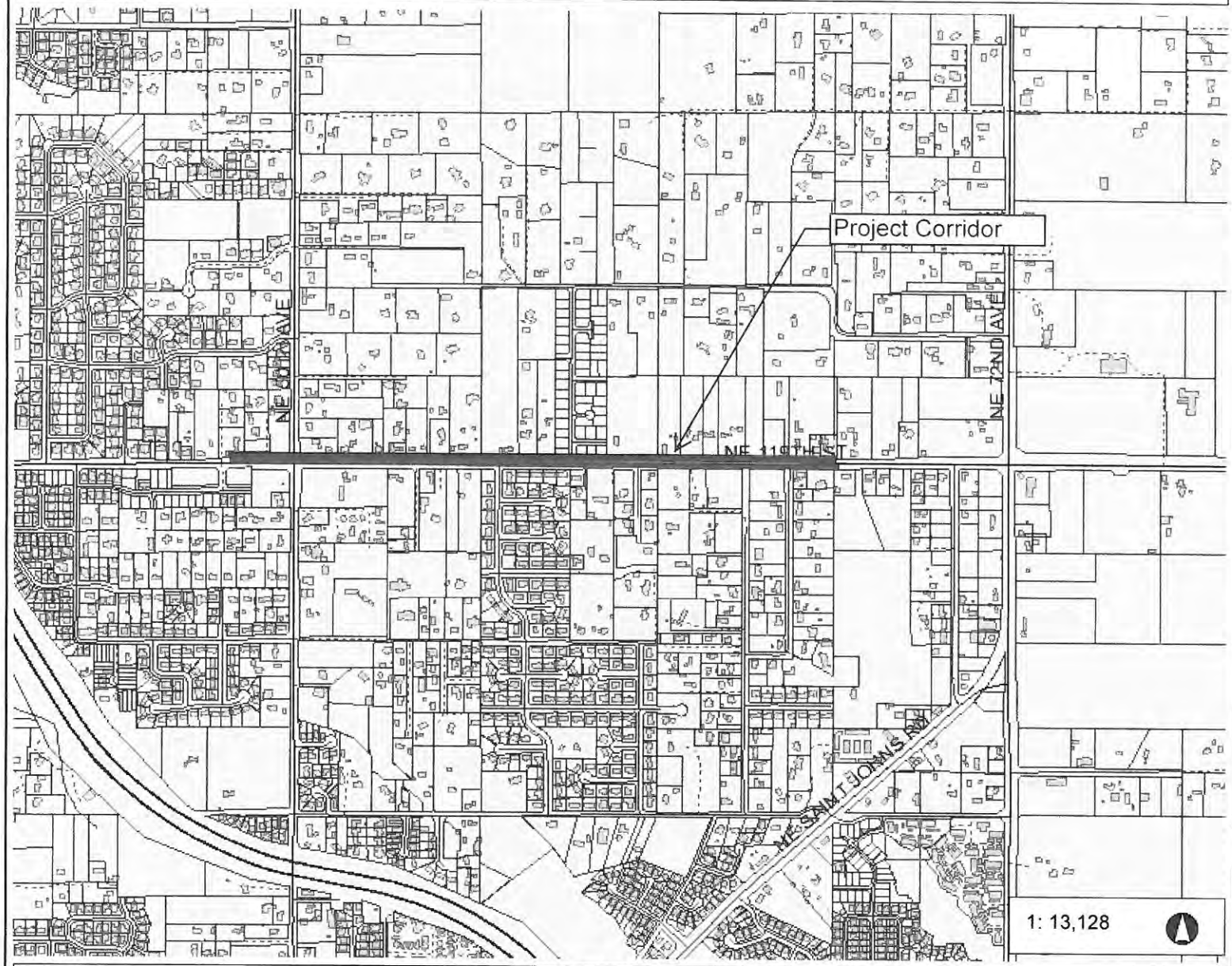
HDR. 2015. Wetland and Waterways Delineation Report: NE 119th Street Widening Project: NE 47th Court to NE 65th Avenue. Prepared for Clark County. August 17, 2015.

HDR. 2015. NE 119th Street between NE 50th Avenue and NE 72nd Avenue Improvement Project. Noise Tech Memo. Prepared for Clark County Department of Environmental Services. December 4th, 2015.

State of Washington Department of Archaeology and Historic Preservation (DAHP). 2015. Determination of eligibility letter, #062315-20-FHWA. November 24, 2015 letter from Mr. Mathew Sterner, DAHP, to Mr. Trent de Boer, WSDOT Highways and Local Programs.

Washington State Department of Ecology (DOE). 2014. 2012 Stormwater Management Manual for Western Washington (SMMWW), December 2014. Publication Number 14-10-055.

NE 119th St (50th to 72nd Ave) Road Improvement: Project Corridor



Legend

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

1: 13,128

2,188.0 0 1,093.98 2,188.0 Feet

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

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Notes: