EnvironmentaL Checklist
Wac 197-11-960

Purpose of checklist:
The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:
This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for non-project proposals:
Complete this checklist for non-project proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS (part D).

For non-project actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. Background
1. Name of proposed project, if applicable:
   Nash Street Improvements (Spruce Street to Market Street)
   Name of applicant:
   Town of Friday Harbor

3. Address and phone number of applicant and contact person:
   Applicant: Town of Friday Harbor
   Engineer: Gray & Osborne, Inc.
   60 Second Street
   1130 Rainier Avenue South, Suite 300
   P.O. Box 219
   Seattle, WA 98144
   Friday Harbor, WA 98250
   Ms. Yvonne Pawowski, P.E.
   Mr. Wayne Hafcel
   Project Engineer
   Public Works Director
   (206) 284-8660
   (360) 378-2154
4. Date checklist prepared:
November 19, 2019

5. Agency requesting checklist:
Town of Friday Harbor, Washington

6. Proposed timing or schedule (including phasing, if applicable):
Construction scheduled for spring – summer of 2020.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Geotechnical Report by PanGEO, Inc., dated January 31, 2020
Stormwater Site Plan by Gray & Osborne, Inc.

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

10. List any government approvals or permits that will be needed for your proposal, if known.
Town of Friday Harbor Clearing and Grading Permit
Town of Friday Harbor Right of Way 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.)
Approximately 530 linear feet of Nash Street will be reconstructed from Spruce Street to Market Street. The typical street section includes two 11-foot-wide travel lanes with an 8-foot-wide parking lane on the west side bound by curb and gutter and a 6-foot-wide sidewalk on the west side. The improvements also include extension of the existing storm drainage system, a new water service and a new sewer service to a property on the west side, and LED street illumination.

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, and TAX PARCEL number. 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, Nash Street Improvements (Spruce Street to Market Street), is located in Section 14, Township 35N, Range 3W.
B. ENVIRONMENTAL ELEMENTS

1. Earth

   a. General description of the site (circle one):

      Flat, **rolling**, hilly, steep slopes, mountainous, other

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

      The steepest slope will be 1V:3H

   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.

      The alignment is underlain by glacial deposits consisting of poorly sorted and nonstratified till and till-like deposits, consisting of a compact mixture of silt, sand, clay and gravel. This deposit may contain lenses and discontinuous beds of silt, sand and gravel.

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

      No.

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

      There is approximately 400 cubic yards of fill and 1,000 cubic yards of cut estimated for the proposed project. The suitable excavated native material may be used for fill. The remainder of the fill will be imported by the Contractor.

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

      Erosion from construction activities (trenching for utilities, grading for the widened roadway) could occur during construction if proper construction techniques are not utilized. Project specifications will provide for erosion control measures to be implemented during construction. Erosion Control measures will meet DOE requirements.

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

      Approximately 73% of the project site will be covered with impervious surface.

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

      The Contractor will be required to incorporate provisions for erosion control such as use of silt fencing, catch basin filter sacks, plastic sheeting, etc. during construction.
### TO BE COMPLETED BY APPLICANT

#### 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.

  Exhaust emissions from equipment, both diesel and gas operated, will take place during construction. Dust may be emitted during excavation activities and backfilling of trenches.

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

  No.

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

  The contract will include provisions for dust control during construction. The contractor will minimize dust nuisance by cleaning, sweeping, sprinkling water, or other means. Internal combustion engines will not be allowed to idle for prolonged periods of time. The contractor will also be required to maintain construction vehicles and equipment in good repair.

#### 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.

    No.

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

    No.

  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.

    None.
4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No.

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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.

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

No.

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.

N/A

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.

Stormwater will be collected and conveyed to the existing storm sewer conveyance system in Nash Street, which flows north to Spring Street where it then flows to the north east to the discharge point into Puget Sound.

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

No.
3) Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

While the project exceeds the threshold designated in the 2005 DOE Stormwater Manual, an exemption from flow control is allowed for projects that discharge directly through manmade conveyance to a Flow Control-Exempt Receiving Water, as defined in Appendix I-E of the Manual. The required water quality measures will be met via a Filterra biofiltration unit.

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4. Plants
   a. Check or circle types of vegetation found on the site:
      - X deciduous tree: apple, cherry, maple, oak, other
      - X evergreen tree: fir, madrona, pine, other
      - X shrubs
      - X grass
      - X pasture
      - X crop or grain
      - X wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
      - X water plants: water lily, eelgrass, milfoil, other
      - X other types of vegetation:

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

      Ground cover including grass and shrubs shall be removed. A small number of existing trees will be removed and/or pruned as part of the construction.

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

      The US Department of Interior Fish and Wildlife service has identified the following species that may occur in the area as: Golden Paintbrush

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

      Cut and fill slopes will be seeded. Four street trees will be planted along Nash Street. An additional tree will be included in the biofiltration structure.

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

      Birds: hawk, heron, eagle, songbirds, other:

      Mammals: deer, bear, elk, beaver, other

      Fish: bass, salmon, trout, herring, shellfish, other

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

      The US Department of Interior Fish and Wildlife service has identified the following species that may occur in the area as: Marbled Murrelet, Streaked Horned Lark, Yellow-billed Cuckoo, Bull Trout, and Island Marble Butterfly
c. Is the site part of a migration route? If so, explain.
   No.

d. Proposed measures to preserve or enhance wildlife, if any:
   Daily inspection of TESC measures will be required during construction. The contractor will be required to take steps to correct any variation from the standard measures set forth within the project specifications.

### TO BE COMPLETED BY APPLICANT

#### 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.
   Electrical energy will be used to power the new LED street lights.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
   No

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:
   Street lights will be fitted with LED 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.
   Potential fuel leaks from construction equipment during construction.

1) Describe special emergency services that might be required.
   Emergency response units (fire and medical).

2) Proposed measures to reduce or control environmental health hazards, if any:
   A Spill Prevention, Control and Countermeasures Plan will be required from the Contractor.

b. Noise
   1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
      N/A
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 from machinery during working hours will occur during the course of construction from 7:00 A.M. to 6:00 P.M. unless otherwise approved by the Town.

### TO BE COMPLETED BY APPLICANT

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

Working hours will be established by the contract limiting working hours to weekdays from 7:00 A.M. to 6:00 P.M., or in accordance with Town Ordinances on working hours, unless otherwise approved by the Town. Equipment shall not be allowed to idle for extended periods of time.

### 8. Land and Shoreline Use

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

The project site's current use is Town right-of-way. The adjacent properties consist of residential and unimproved property.

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

No.

c. Describe any structures on the site.

None.

d. Will any structures be demolished?

N/A

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

The project is within Town right-of-way. The zoning for the properties adjacent to the project site are Single- and Multi-Family Residential and Light Manufacturing.

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

The site is currently designated as right-of-way.

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

N/A

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

No.

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

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

None.

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

N/A

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

N/A

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<td><strong>9. Housing</strong></td>
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<tr>
<td>a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.</td>
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<tr>
<td>None.</td>
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<td>b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.</td>
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<td>None.</td>
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<td>c. Proposed measures to reduce or control housing impacts, if any:</td>
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<td>N/A</td>
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| **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? |                                |
| The tallest structure to be placed on the project is additional street lights. The light standards are 25’ tall. |                                |
| b. What views in the immediate vicinity would be altered or obstructed? |                                |
| None.                       |                                 |
| c. Proposed measures to reduce or control aesthetic impacts, if any: |                                |
| None.                       |                                 |

| **11. Light and glare**    |                                 |
| a. What type of light or glare will the proposal produce? What time of day would it mainly occur? |                                |
| LED street lights will be installed on Nash Street. They will provide illumination from dusk until dawn. |                                |
b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

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

None.

d. Proposed measures to reduce or control light and glare impacts.

The LED cobra lights will have a rating of B1-U0-G1.

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<td>12. Recreation</td>
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<tr>
<td>a. What designated and informal recreational opportunities are in the immediate vicinity? The American Campsite Park and San Juan National Historical Park are located approximately 5 miles south on Cattle Point Road. This destination draws around 146,000 annually including many bicyclists. Roche Harbor Resort is located approximately 7.5 miles northwest on Reuben Memorial Drive. San Juan County Fairgrounds is located to the southeast, at 849 Argyle Avenue.</td>
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<td>b. Would the proposed project displace any existing recreational uses? If so, describe.</td>
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<tr>
<td>No.</td>
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<td>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 will provide new sidewalks and extend the sidewalk system on the west side of Nash Street for pedestrian use. The facilities will improve access to the residences and local businesses in the area.</td>
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<td>13. Historic and cultural preservation</td>
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<tr>
<td>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.</td>
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<tr>
<td>None.</td>
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<tr>
<td>b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.</td>
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<tr>
<td>None.</td>
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<td>c. Proposed measures to reduce or control impacts, if any:</td>
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<td>N/A</td>
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<td>14. Transportation</td>
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<tr>
<td>a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. Public streets that intersect the project area include Spruce Street and Market Street. Local and emergency access on Nash Street will be maintained for the duration of the construction.</td>
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b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

The site is not served by public transit.

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

The parking lane on the west side of Nash Street will create 13 parking spaces. No parking spaces will be eliminated.

e. Will the proposal 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).

No improvements are required to other roads due to this project.

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<td>e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.</td>
<td>No.</td>
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<td>f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.</td>
<td>No additional traffic generation from the completed project is anticipated.</td>
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<td>g. Proposed measures to reduce or control transportation impacts, if any:</td>
<td>Construction will take place in a timely manner to minimize disturbance to traffic flow through the street corridors. The streets will remain open to traffic during construction, with temporary lane closures.</td>
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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.

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

The contract documents will include provisions for maintaining existing utility service and local access to residents and businesses. The Contractor shall be required to locate all existing utilities and coordinate construction activities with affected utility companies and residents.

16. Utilities

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

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.

Utilities proposed for the project include storm drainage improvements and new water and sewer connections to the property along the west side of Nash Street, to be owned and operated by the Town of Friday Harbor. Street illumination will also be included in the project. The street lights will be owned by the Town and operated by OPALCO.
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 __________________________

TO BE COMPLETED BY APPLICANT
DO NOT USE THIS SHEET FOR PROJECT ACTIONS

D. SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS
   (do not use this sheet for project actions)

   Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

   When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

   Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

   Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

   Proposed measures to protect or conserve energy and natural resources are:
4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

   Proposed measures to protect such resources or to avoid or reduce impacts are:

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5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

   Proposed measures to avoid or reduce shoreline and land use impacts are:

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6. How would the proposal be likely to increase demands on transportation or public services and utilities?

   Proposed measures to reduce or respond to such demand(s) are:

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7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

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**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 ___________________________