

WHEN RECORDED RETURN TO:

Barbara Aberle, Manager

WSDOT - SWR Environmental Ofc

PO Box 1709

Vancouver WA 98662-6686

DOCUMENT TITLE(S)

Letter of Authorization for the St. Cloud Mitigation Site

REFERENCE NUMBER(S) of Documents assigned or released:

AFN # 2010175700 - Skamania Co. Community Development Dept.
Administrative Decision. USDA USFS NSA # 2370.

☐ Additional numbers on page _____ of document.

GRANTOR(S):

USDA USFS Columbia River Gorge National Scenic Area

☐ Additional names on page _____ of document.

GRANTEE(S):

WSDOT - SWR Environmental Office

☐ Additional names on page _____ of document.

LEGAL DESCRIPTION (Abbreviated: i.e. Lot, Block, Plat or Section, Township, Range, Quarter):

T. 1 N, R. 6 E, Section 6, NE 1/4

☐ Complete legal on page _____ of document.

TAX PARCEL NUMBER(S):

USFS - NSA owned property; formerly called the St. Cloud Ranch

☐ Additional parcel numbers on page _____ of document.

The Auditor/Recorder will rely on the information provided on this form. The staff will not read the document to verify the accuracy or completeness of the indexing information.

I am requesting an emergency nonstandard recording for an additional fee as provided in RCW 36.18.010. I understand that the recorded processing requirements may cover up or otherwise obscure some part of the text of the original document.

Company Name: WSDOT Southwest Region, Environmental Office

Signature/Title: _____



United States
Department of
Agriculture

Forest
Service

Columbia River Gorge
National Scenic Area

902 Wasco Ave., Suite 200
Hood River, OR 97031
541-308-1700
FAX 541-386-1916

File Code: 2600

Date: July 12, 2010

Ms. Barbara Aberle
Environmental Manager
WSDOT Southwest Region
P.O. Box 1709
Vancouver, WA 98668-1709

Dear Ms. Aberle:

This letter is in response to your application on behalf of the Washington State Department of Transportation (WSDOT) for a special use permit to perform resource restoration and enhancement actions at St. Cloud in association with unavoidable impacts from the Cape Horn Highway Safety Improvement project on Highway 14.

In reviewing the application, I have determined that the proposed use does not require a special use permit. In accordance with 36 Code of Federal Regulations 251.51(e)(2), this letter will serve as authorization to occupy National Forest System land to perform the activities as described in the application. This authorization is made subject to the following terms and conditions:

1. All activities are to occur within the project area as delineated on maps labeled St. Cloud Mitigation – Exhibit A (attached).
2. Any proposed changes from the project as outlined in the application dated 07/02/2010 and as contained in the Site Prep and TESC Plan and in the Soil Preparation Plan, both dated 06/16/2010, shall first be approved by an Authorized Officer of the Forest Service. All three documents are attached herein.
3. WSDOT shall indemnify and hold harmless the United States for any injury, loss, or damage, including third-party claims, damage to federal property, fire suppression costs, and environmental harm or injury to natural resources, that arises in connection with the use and occupancy authorized by this letter.
4. All work shall comply and be consistent with the following documents:
 - a. 2008 Site Specific Invasive Plan Treatment Project and Forest Plan Amendment EIS
 - b. Consistency Determination CD-09-04-S as amended on April 21, 2010 for the Gifford Pinchot and CRGNSA
5. Use of the project area is not exclusive. Other management activities may be authorized within the project area. All other authorized actions will not interfere with WSDOT project activities and will be consistent with the goals and objectives of the mitigation work performed by WSDOT.




6. All equipment and supplies shall be secured in a manner that best prevents misuse or vandalism during non-work periods.
7. WSDOT shall immediately notify the Forest Service Authorized Officer of any and all antiquities or other objects of historic or scientific interest. In such case, all work must stop, and WSDOT shall leave such discoveries intact, and protect the area until the Forest Service gives clearance to proceed. Such discoveries include, but are not limited to historic or prehistoric ruins, fossils, or artifacts discovered.
8. It is the responsibility of WSDOT to obtain all necessary permits required for the project.
9. Any accidents, petroleum or hazardous materials spills, fires or other such occurrences shall be immediately reported to the Forest Service contact indicated below.
10. All project work shall comply with applicable Federal, State, and local laws, regulations and standards.
11. This authorization will expire 15 years from the date of this letter or upon successful completion of the project goals, whichever is less. This time can be extended by an Authorized Officer.

The above requirements apply to WSDOT, and also to anyone performing project work under their authority.

I understand that, for permit purposes, the Army Corp of Engineers wants assurance that the resource work done within the mitigation site will continue to be protected from development. The entire defined site is within a land use designation of Special Management Area (SMA) Forest. The majority of the mitigation site is within 200' of Archer Creek. In accordance with the Management Plan for the Columbia River Gorge NSA, Part I, Chapter 3 (Natural Resources), SMA Guidelines, Water Resources part 2.A(2)(a) there is a minimum 200 foot undisturbed buffer on each wetland, pond, lake, and each bank of perennial or fish bearing stream, some of which can be intermittent. For the small portion of the mitigation site that is outside the buffer, the Management Plan, in Part II, Chapter 2 (SMA Forest), SMA Policies, no. 3 specifies that all new developments and land uses shall protect natural, scenic, cultural and recreation resources. This site contains important wetland and riparian resources, the importance of which will increase with the restoration work planned for the site. Management of this site for its resource value will continue to be a priority.

The Forest Service contact for this project is Christine Plourde, phone 541-308-1713. An alternate contact is Robin Dobson, phone 541-308-1717.

Sincerely,


DANIEL T. HARKENRIDER
Area Manager

cc: Joeseeph Cook, FS LEO

STANDARD FORM 299 (6/99)
Prescribed by DOI/USDA/DOT
P.L. 96-487 and Federal
Register Notice 5-22-95

**APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS**

FORM APPROVED
OMB NO. 0596-0082

FOR AGENCY USE ONLY

Application Number

Date Filed

3. Telephone (area code)
360-905-2186

Applicant
WSDOT

Authorized Agent
Barbara Aberle

NOTE: Before completing and filing the application, the applicant should completely review this package and schedule a preapplication meeting with representatives of the agency responsible for processing the application. Each agency may have specific and unique requirements to be met in preparing and processing the application. Many times, with the help of the agency representative, the application can be completed at the preapplication meeting.

1. Name and address of applicant (include zip code)
WA ST Dept. of Transportation
PO Box 1709
Vancouver, WA 98668-1709

Name, title, and address of authorized agent if different from item 1 (include zip code)
Barbara Aberle, Environmental
Manager

4. As applicant are you? (check one)

- a. ☐ Individual
b. ☐ Corporation*
c. ☐ Partnership/Association*
d. ☒ State Government/State Agency
e. ☐ Local Government
f. ☐ Federal Agency

5. Specify what application is for: (check one)

- a. ☒ New authorization
b. ☐ Renewing existing authorization No.
c. ☐ Amend existing authorization No.
d. ☐ Assign existing authorization No.
e. ☐ Existing use for which no authorization has been received *
f. ☐ Other*

* If checked, complete supplemental page

* If checked, provide details under item 7

6. If an individual, or partnership are you a citizen(s) of the United States? ☒ Yes ☐ No

7. Project description (describe in detail): (a) Type of system or facility, (e.g., canal, pipeline, road); (b) related structures and facilities; (c) physical specifications (Length, width, grading, etc.); (d) term of years needed; (e) time of year of use or operation; (f) Volume or amount of product to be transported; (g) duration and timing of construction; and (h) temporary work areas needed for construction (Attach additional sheets, if additional space is needed.) See attached Supplemental Data Sheet.

8. Attach a map covering area and show location of project proposal

9. State or Local government approval: ☒ Attached ☐ Applied for ☐ Not Required

10. Nonreturnable application fee: ☐ Attached ☒ Not required

11. Does project cross international boundary or affect international waterways? ☐ Yes ☒ No (if "yes," indicate on map)

12. Give statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested. See attached Supplemental Data Sheet.

13a. Describe other reasonable alternative routes and modes considered.

The other reasonable alternative would be for WSDOT to purchase property from a private owner and complete mitigation or enhancement there.

b. Why were these alternatives not selected?

This alternative requires WSDOT to spend additional money on acquisition for the same benefit to the public. Use of the St. Cloud site is a wise use of taxpayer money and benefits the public, WSDOT And USFS.

c. Give explanation as to why it is necessary to cross Federal Lands.

WSDOT wetland specialists delineated four wetlands within the proposed project area, all of which are considered jurisdictional by the US Army Corps of Engineers, WA ST Dept. of Ecology, and Skamania Co. The project has direct impacts to 0.03 acres of wetland, 0.68 acres of associated wetland/riparian buffer, and 65 linear feet of existing perennial stream channel (WDNR Type N). See the attached.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency. (Specify number, date, code, or name) See the attached Supplemental Data Sheet.

15. Provide statement of need for project, including the economic feasibility and items such as: (a) cost of proposal (construction, operation, and maintenance); (b) estimated cost of next best alternative; and (c) expected public benefits.

See the attached Supplemental Data Sheet.

16. Describe probable effects on the population in the area, including the social and economic aspects, and the rural lifestyles. See the attached Supplemental Data Sheet.

17. Describe likely environmental effects that the proposed project will have on: (a) air quality; (b) visual impact; (c) surface and ground water quality and quantity; (d) the control or structural change on any stream or other body of water; (e) existing noise levels; and (f) the surface of the land, including vegetation, permafrost, soil, and soil stability. See the attached Supplemental Data Sheet.

18. Describe the probable effects that the proposed project will have on (a) populations of fish, plantlife, wildlife, and marine life, including threatened and endangered species; and (b) marine mammals, including hunting, capturing, collecting, or killing these animals. See the attached Supplemental Data Sheet.

19. State whether any hazardous material, as defined in this paragraph, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities, or used in the construction, operation, maintenance or termination of the right-of-way or any of its facilities. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended, 42 U.S.C. 9601 et seq., and its regulations. The definition of hazardous substances under CERCLA includes any "hazardous waste" as defined in the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous materials also includes any nuclear or byproduct material as defined by the Atomic Energy Act of 1954, as amended, 42 U.S.C. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101(14), 42 U.S.C. 9601(14), nor does the term include natural gas. See the attached Supplemental Data Sheet.

20. Name all the Department(s)/Agency(ies) where this application is being filed.

United States Forest Service, Columbia River Gorge National Scenic Area, 902 Wasco Ave, Suite 200, Hood River, OR 987031

I HEREBY CERTIFY, That I am of legal age and authorized to do business in the State and that I have personally examined the information contained in the application and believe that the information submitted is correct to the best of my knowledge.

Signature of Applicant

Date

B. Culberson

7/2/2010

Title 18, U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

GENERAL INFORMATION ALASKA NATIONAL INTEREST LANDS

This application will be used when applying for a right-of-way, permit, license, lease, or certificate for the use of Federal lands which lie within conservation system units and National Recreation or Conservation Areas as defined in the Alaska National Interest Lands Conservation Act. Conservation system units include the National Park System, National Wildlife Refuge System, National Wild and Scenic Rivers System, National Trails System, National Wilderness Preservation System, and National Forest Monuments.

Transportation and utility systems and facility uses for which the application may be used are:

1. Canals, ditches, flumes, laterals, pipes, pipelines, tunnels, and other systems for the transportation of water.
2. Pipelines and other systems for the transportation of liquids other than water, including oil, natural gas, synthetic liquid and gaseous fuels, and any refined product produced therefrom.
3. Pipelines, slurry and emulsion systems, and conveyor belts for transportation of solid materials.
4. Systems for the transmission and distribution of electric energy.
5. Systems for transmission or reception of radio, television, telephone, telegraph, and other electronic signals, and other means of communications.
6. Improved right-of-way for snow machines, air cushion vehicles, and all-terrain vehicles.
7. Roads, highways, railroads, tunnels, tramways, airports, landing strips, docks, and other systems of general transportation.

This application must be filed simultaneously with each Federal department or agency requiring authorization to establish and operate your proposal.

In Alaska, the following agencies will help the applicant file an application and identify the other agencies the applicant should contact and possibly file with:

Department of Agriculture
Regional Forester, Forest Service (USFS)
Federal Office Building,
P.O. Box 21628
Juneau, Alaska 99802-1628
Telephone: (907) 586-7847 (or a local Forest Service Office)

Department of the Interior
Bureau of Indian Affairs (BIA)
Juneau Area Office
Federal Building Annex
9109 Mendenhall Mall Road, Suite 5
Juneau, Alaska 99802
Telephone: (907) 586-7177

Department of the Interior
Bureau of Land Management
222 West 7th Avenue
P.O. Box 13
Anchorage, Alaska 99513-7599
Telephone: (907) 271-5477 (or a local BLM Office)

U.S. Fish & Wildlife Service (FWS) National Park Service (NPA)

Department of Transportation
Federal Aviation Administration
Alaska Region AAL-4, 222 West 7th Ave., Box 14
Anchorage, Alaska 99513-7587
Telephone: (907) 271-5285

NOTE - The Department of Transportation has established the above central filing point for agencies within that Department. Affected agencies are: Federal Aviation Administration (FAA), Coast Guard (USCG), Federal Highway Administration (FHWA), Federal Railroad Administration (FRA).

OTHER THAN ALASKA NATIONAL INTEREST LANDS

Use of this form is not limited to National Interest Conservation Lands of Alaska.

Individual department/agencies may authorize the use of this form by applicants for transportation and utility systems and facilities on other Federal lands outside those areas described above.

For proposals located outside of Alaska, applications will be filed at the local agency office or at a location specified by the responsible Federal agency.

SPECIFIC INSTRUCTIONS

(Items not listed are self-explanatory)

- 7 Attach preliminary site and facility construction plans. The responsible agency will provide instructions whenever specific plans are required.
- 8 Generally, the map must show the section(s), township(s), and range(s) within which the project is to be located. Show the proposed location of the project on the map as accurately as possible. Some agencies require detailed survey maps. The responsible agency will provide additional instructions.
- 9, 10, and 12 The responsible agency will provide additional instructions.
- 13 Providing information on alternate routes and modes in as much detail as possible, discussing why certain routes or modes were rejected and why it is necessary to cross Federal lands will assist the agency(ies) in processing your application and reaching a final decision. Include only reasonable alternate routes and modes as related to current technology and economics.
- 14 The responsible agency will provide instructions.
- 15 Generally, a simple statement of the purpose of the proposal will be sufficient. However, major proposals located in critical or sensitive areas may require a full analysis with additional specific information. The responsible agency will provide additional instructions.
- 16 through 19 Providing this information in as much detail as possible will assist the Federal agency(ies) in processing the application and reaching a decision. When completing these items, you should use a sound judgment in furnishing relevant information. For example, if the project is not near a stream or other body of water, do not address this subject. The responsible agency will provide additional instructions.

Application must be signed by the applicant or applicant's authorized representative.

EFFECT OF NOT PROVIDING INFORMATION: Disclosure of the information is voluntary. If all the information is not provided, the application may be rejected.

Office of the Regional Director
1011 East Tudor Road
Anchorage, Alaska 99503
Telephone: (907) 786-3440

Alaska Regional Office,
2225 Gambell St., Rm. 107
Anchorage, Alaska 99502-2892
Telephone: (907) 786-3440

DATA COLLECTION STATEMENT

The Federal agencies collect this information from applicants requesting right-of-way, permit, license, lease, or certification for the use of Federal lands. The Federal agencies use this information to evaluate the applicant's proposal. The public is obligated to submit this form if they wish to obtain permission to use Federal lands.

Note - Filings with any Interior agency may be filed with any office noted above or with the Office of the Secretary of the Interior, Regional Environmental Office, P.O. Box 120, 1675 C Street, Anchorage, Alaska 9513.

SUPPLEMENTAL

NOTE: The responsible agency(ies) will provide instructions

CHECK APPROPRIATE
BLOCK

I - PRIVATE CORPORATIONS	CHECK APPROPRIATE BLOCK	
	ATTACHED	FILED*
a. Articles of Incorporation	<input type="checkbox"/>	<input type="checkbox"/>
b. Corporation Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
c. A certification from the State showing the corporation is in good standing and is entitled to operate within the State	<input type="checkbox"/>	<input type="checkbox"/>
c. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. The name and address of each shareholder owning 3 percent or more of the shares, together with the number and percentage of any class of voting shares of the entity which such shareholder is authorized to vote and the name and address of each affiliate of the entity together with, in the case of an affiliate controlled by the entity, the number of shares and the percentage of any class of voting stock of that affiliate owned, directly or indirectly, by that entity, and in the case of an affiliate which controls that entity, the number of shares and the percentage of any class of voting stock of that entity owned, directly or indirectly, by the affiliate.	<input type="checkbox"/>	<input type="checkbox"/>
f. If application is for an oil or gas pipeline, describe any related right-of-way or temporary use permit applications, and identify previous applications.	<input type="checkbox"/>	<input type="checkbox"/>
g. If application is for an oil and gas pipeline, identify all Federal lands by agency impacted by proposal.	<input type="checkbox"/>	<input type="checkbox"/>
II - PUBLIC CORPORATIONS		
a. Copy of law forming corporation	<input type="checkbox"/>	<input type="checkbox"/>
b. Proof of organization	<input type="checkbox"/>	<input type="checkbox"/>
c. Copy of Bylaws	<input type="checkbox"/>	<input type="checkbox"/>
d. Copy of resolution authorizing filing	<input type="checkbox"/>	<input type="checkbox"/>
e. If application is for an oil or gas pipeline, provide information required by item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>
III - PARTNERSHIP OR OTHER UNINCORPORATED ENTITY		
a. Articles of association, if any	<input type="checkbox"/>	<input type="checkbox"/>
b. If one partner is authorized to sign, resolution authorizing action is	<input type="checkbox"/>	<input type="checkbox"/>
c. Name and address of each participant, partner, association, or other	<input type="checkbox"/>	<input type="checkbox"/>
d. If application is for an oil or gas pipeline, provide information required by item "I-f" and "I-g" above.	<input type="checkbox"/>	<input type="checkbox"/>

* If the required information is already filed with the agency processing this application and is current, check block entitled "Filed." Provide the file identification information (e.g., number, date, code, name). If not on file or current, attach the requested information.

NOTICE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0082.

This information is needed by the Forest Service to evaluate the requests to use National Forest System lands and manage those lands to protect natural resources, administer the use, and ensure public health and safety. This information is required to obtain or retain a benefit. The authority for that requirement is provided by the Organic Act of 1897 and the Federal Land Policy and Management Act of 1976, which authorize the secretary of Agriculture to promulgate rules and regulations for authorizing and managing National Forest System lands. These statutes, along with the Term Permit Act, National Forest Ski Area Permit Act, Granger-Thye Act, Mineral Leasing Act, Alaska Term Permit Act, Act of September 3, 1954, Wilderness Act, National Forest Roads and Trails Act, Act of November 16, 1973,

Archeological Resources Protection Act, and Alaska National Interest Lands Conservation Act, authorize the Secretary of Agriculture to issue authorizations or the use and occupancy of National Forest System lands. The Secretary of Agriculture's regulations at 36 CFR Part 251, Subpart B, establish procedures for issuing those authorizations.

The Privacy Act of 1974 (5 U.S.C. 552a) and the Freedom of Information Act (5 U.S.C. 552) govern the confidentiality to be provided for information received by the Forest Service.

Public reporting burden for this collection of information is estimated to average 8 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Unofficial
Copy

**APPLICATION FOR TRANSPORTATION AND
UTILITY SYSTEMS AND FACILITIES
ON FEDERAL LANDS**

Supplemental Data Sheet

7. Project Description (describe in detail):

a) type of system or facility: Proposed natural resources mitigation site called the St. Cloud Mitigation Site. WSDOT proposes to enhance the 2.6 acres of the existing degraded St. Cloud Mitigation site and 0.2+ acres of associated wetland, and also enhance approximately 300 feet of degraded stream bank along Archer Creek.

b) related structures and facilities: WSDOT is proposing to construct safety improvements on SR 14 from Cape Horn Bridge vicinity to Cape Horn Road vicinity. The project is located between milepost 25.50 and milepost 26.50 in Township 1 North, Range 5 east, Sections 9 and 10, in Skamania County, Washington. Direct impacts to wetlands are 0.03 acres of wetland, 0.68 acres of associated wetland/riparian buffer and 65 linear feet of existing perennial stream channel.

c) physical specifications: The 2.6 acres of the St. Cloud Mitigation site is currently dominated by invasive species such as Himalayan blackberry and reed canary grass, stinging nettle. The site will be restored to a natural riparian/floodplain forest dominated by native woody vegetation found in reference throughout the Lower Columbia River. The existing invasive species will be treated and managed to provide for the success of replanted areas. All areas will be managed for noxious and nuisance vegetation.

d) term of years needed: The mitigation site must be constructed and then mitigation monitoring is needed for 10 years after installation to demonstrate that the intended goals and objectives of the mitigation site are met. If all performance standards are achieved in less than 10 years, WSDOT may terminate monitoring with approval from the permitting resource agencies (US Army Corps of Engineers, USFS NSA Hood River, WA ST Dept. of Ecology, WA ST Dept. of Fish & Wildlife, and Skamania County). Therefore, 10-13 years are needed.

e) time of year of use or operation: Mitigation site construction - The construction period is Fall 2010 to Winter 2011. Planting would be scheduled during cool periods. Quantitative monitoring will be completed and documented (beginning in the first growing season following project acceptance 1 year following installation) 1, 3, 5, 7, and 10 years after initial acceptance of the mitigation construction. The site should be evaluated informally during the summer following plant installation to assess the mitigation sites in years 2, 4, 6, and 8 for adaptive management purposes only. Monitoring will be designed to determine if the performance measures have been met. Monitoring reports will be submitted for review and comment to the USFS-CRGNRA, Dan Harkinrider (541-308-1716) by April following the formal monitoring activities conducted the previous year.

f) Volume or amount of product to be transported: Per Contract Plans (06/12/10)

Summary of Quantities	
Stabilized construction entrance	505 SY
High visibility orange fence	555 LF
High visibility construction fence	1450 LF
12" coir log	1770 LF
Compost blanket	14965 SY
Green wood chips	1285 CY
Soil preparation area	3.18 AC
Plant replacement material	3.18 AC

g) duration and timing of construction

WSDOT anticipates the mitigation goals will be accomplished with the construction and installation of the mitigation design as shown on the site preparation and planting plans. Contingency plans may be needed to correct unforeseen problems. Contingency plans will require coordination with the permitting resource agencies.

h) temporary work areas needed for construction

A temporary staging area has been designed and Orange Silt Fence will define the limits of the staging area. See the St. Cloud Site Prep plan.

9. State the Local government approvals:

- NEPA Documented Categorical Exclusion 3/04/09
- NEPA Categorical Exclusion (tunnels) - 04/06/10
- SEPA DNS Adoption (transportation) - 03/25/10
- SEPA DNS (tunnels) - 3/25/10
- US Forest Service CRGNSA Consistency Determination – 3/01/10
- Skamania County CRGNSA Consistency Determination – 4/02/10
- US Army Corps of Engineers Section 404 – 3/10/10
- WA ST Ecology Section 401 LOV – 4/20/10
- WA ST Ecology NPDES Construction Stormwater Permit – 4/04/10
- WA ST DNR Forest Practices – 7/01/10
- WA ST Dept. of Fish & Wildlife – 5/12/10

12. Give a statement of your technical and financial capability to construct, operate, maintain, and terminate system for which authorization is being requested.

The St. Cloud Mitigation site was designed by Daniel R. Corlett, a Registered Landscape Architect. The Engineer's Cost for the mitigation site alone is \$200,000 with annual costs averaging \$5,000 per year.

WSDOT prepared Final Natural Resources Mitigation Plan – Cape Horn Bridge to Cape Horn Rd. Vicinity MP 25.50 to 26.50 that was fully reviewed and approved by the US Army Corps of Engineers, Regulatory, Seattle District, USFS NSA, Washington State Dept. of Ecology, and Skamania County.

WSDOT proposes to mitigate for the unavoidable wetland and riparian impacts. Compensatory mitigation will be implemented in accordance with guidance outlined in Chapter 22.20.020 (F)2 and Chapter 22.28.040 (I) of the Skamania County Critical Area Ordinance and with mitigation recommendations outlined in *Wetland Mitigation in Washington State* (Ecology et al. 2006a). In cooperation with the USFS, WSDOT identified the St. Cloud Mitigation Site located about 3.2 miles east of the SR 14 Cape Horn Safety Improvement project.

13c. Give an explanation as to why it is necessary to cross Federal Lands.

In cooperation with the United State Forest Service, WSDOT has identified the St. Cloud Mitigation site as the site to be used to mitigate for unavoidable impacts, compensatory mitigation will be implemented.

14. List authorizations and pending applications filed for similar projects which may provide information to the authorizing agency.

The SR14 Corridor Management Plan for the Columbia River Gorge National Scenic Area, July 1997. The Corridor Plan provides recommendations for rockfall mitigations, highway geometrics, highway structures, and other transportation improvements located with the Columbia River Gorge National Scenic Area. The Corridor Plan was a joint effort by six key policy-making agencies to guide development of the SR14 in the Columbia River Gorge Scenic Area.

15. Provide statement of need for project, including the economic feasibility and items such as:

- a) cost of proposal (construction, operation, and maintenance):** For construction the Engineer's Estimate is \$200,000 with \$5000 annual monitoring costs.
- b) estimated cost of next best alternative:** Construction and annual monitoring costs are similar regardless of location, however, the Engineer's Estimate would be an additional \$100,000 for right of way acquisition.
- c) expected public benefits:** WSDOT proposes replacing impacted wetlands, stream, and riparian buffer and their associated function with a high quality riparian and wetland enhancement mitigation dominated by native trees and shrubs. The restoration and enhancement work at the St. Cloud mitigation site will provide improved flood flow alteration, storage, bank stabilization, shading, erosion control, overall water quality function, and will add habitat functions compared to impacted resources. The St. Cloud site will provide greater habitat interspersion, species richness, and improved structure compared to existing wetlands, as well as enhances bank vegetation and structure along a 300 foot reach of Archer Creek.

16. Describe the effects on the population in the area, including the social, economic aspects, and the rural lifestyles. Generally, the St. Cloud Mitigation site will improve the scenic resources in the vicinity of the St. Cloud Recreation Area and improve fish habitat.

17. Describe the environmental effects that the proposed project will have on:

- a) Air quality:** No impact. Only a limited amount of construction equipment will be utilized at the site.
- b) Visual impact:** The traveler will experience an improved visual experience. To mitigate for impacts to visual resources and roadside function regulated by the Columbia River Gorge National Scenic Area as a result of clearing and grading activities, WSDOT proposes restoring native roadside vegetation at several locations with the project corridor, primarily as mixed conifer forest and associated understory.
- c) Surface and groundwater:** The St. Cloud Mitigation site will be restored using native trees and shrubs. The St. Cloud Mitigation site will improve flood flow alteration, storage, bank stabilization, and erosion control is expected.
- d) The control or structural change on any stream or other body of water:** The St. Cloud Mitigation site will improve over all water quality function and add habitat functions to Archer Creek.
- e) Existing noise levels:** Some temporary construction noise is expected.
- f) The surface of the land including vegetation, permafrost, and soil stability:** No grading is proposed. WSDOT proposes to use temporary erosion control methods and Best Management Practices (BMPs) until the site can be permanently stabilized.

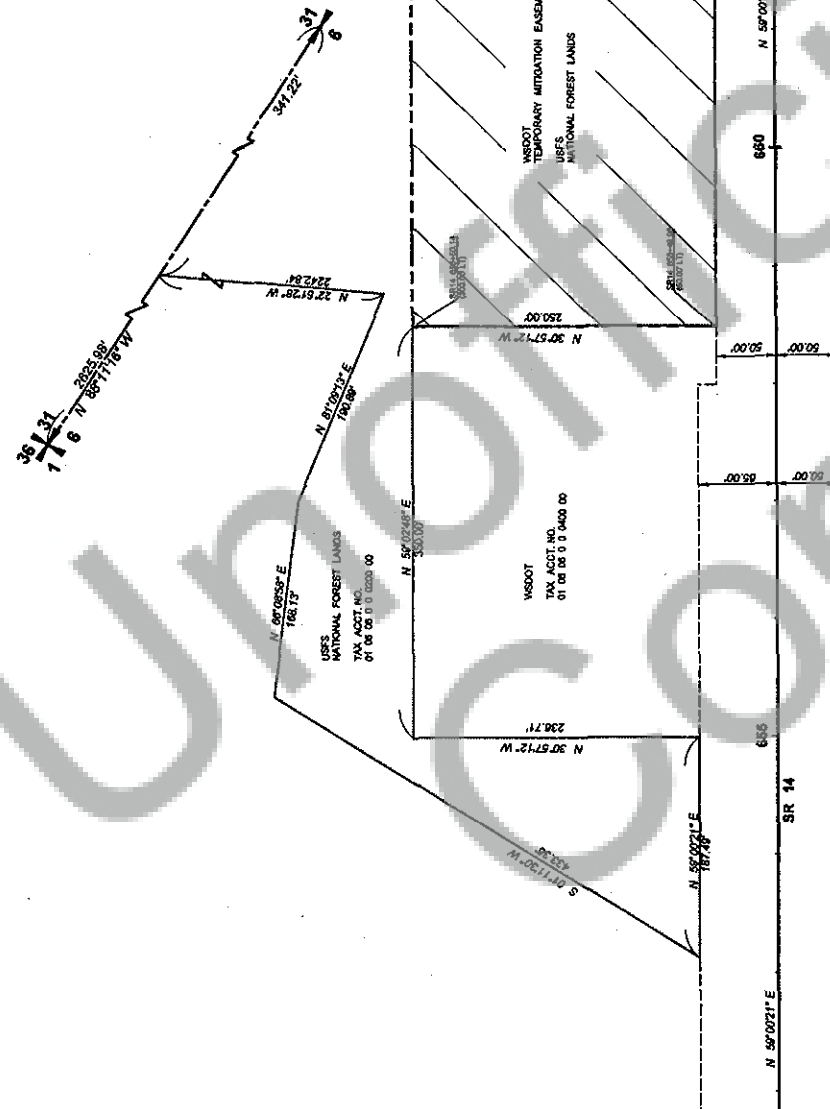
18. Describe the probable effects that the proposed project will have on

- a) Populations of fish, plantlife, wildlife, marine life, including threatened and endangered species:** Currently, the overall site is bigger, but we are improving 2.6 acres of it. The 2.6 acre site is covered with invasive species. Generally, fish, plantlife, wildlife including threatened and endangered species would benefit from the project because it provides improved bank stabilization, shading, erosion control, and habitat functions.
- b) Marine mammals, including hunting, capturing, collecting, or killing these animals:** No impact.

19. State whether any hazardous material, will be used, produced, transported or stored on or within the right-of-way or any of the right-of-way facilities etc.

The contractor will prepare a Spill Prevention Control and Countermeasures Plan or SPCC Plan. In the temporary Staging Area, petroleum products and construction equipment may be stored with proper precaution against spills and contamination. The SPCC Plan would establish safety protocols.

T.N. R.6E. W.M.

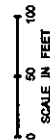


THE DISTANCES SHOWN ARE GROUND DISTANCES.
FOR SURVEY INFORMATION SEE SURVEY T1N R6E WM.
AFN 198316442 RECORDED FEBRUARY 2, 1983.

THE RIGHT OF WAY EXTENDS FROM AND TERMINATES AT THE POINT WHERE THE EASEMENT LIES TO THE RIGHT OF THE PROPERTY AND PUBLIC RECORDS AND ARE SHOWN FOR CLARITY. BEING DERIVED BY CALCULATION. THIS DOES NOT CONSTITUTE A BOUNDARY SURVEY OF SAID LOT LINES AND SHALL BE USED ONLY FOR INFORMATION. ANY SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE.

LEGEND

--- WSDOT TEMPORARY MITIGATION EASEMENT



FILE NAME: 01-10-2010-176128-02 - CAPE HORN BR TO CAPE HORN RD - CLOUD-90 ST CLOUD-90		SR14		CAPE HORN BR VIC. TO CAPE HORN RD SAFETY PROJECT	
TIME: 10:00 PM		DATE: 10/10/2010		SHEET: 1	
DRAWN BY: [blank]		CHECKED BY: [blank]		SHEET: 2	
DESIGNED BY: [blank]		PROJ. ENGR: [blank]		SHEET: 3	
DATE: [blank]		DATE: [blank]		SHEET: 4	
BY: [blank]		BY: [blank]		SHEET: 5	
REVISION: [blank]		REVISION: [blank]		SHEET: 6	
REGIONAL ADM. [blank]		REGIONAL ADM. [blank]		SHEET: 7	
FED. AID PROJECT NO. [blank]		FED. AID PROJECT NO. [blank]		SHEET: 8	
WASH. STATE PROJECT NO. [blank]		WASH. STATE PROJECT NO. [blank]		SHEET: 9	
CONTRACT NO. [blank]		CONTRACT NO. [blank]		SHEET: 10	
LOCATION: [blank]		LOCATION: [blank]		SHEET: 11	
DATE: [blank]		DATE: [blank]		SHEET: 12	
BY: [blank]		BY: [blank]		SHEET: 13	
REVISION: [blank]		REVISION: [blank]		SHEET: 14	
REGIONAL ADM. [blank]		REGIONAL ADM. [blank]		SHEET: 15	
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WASH. STATE PROJECT NO. [blank]		WASH. STATE PROJECT NO. [blank]		SHEET: 17	
CONTRACT NO. [blank]		CONTRACT NO. [blank]		SHEET: 18	
LOCATION: [blank]		LOCATION: [blank]		SHEET: 19	
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BY: [blank]		BY: [blank]		SHEET: 21	
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BY: [blank]		BY: [blank]		SHEET: 29	
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BY: [blank]		BY: [blank]		SHEET: 37	
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BY: [blank]		BY: [blank]		SHEET: 85	
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LOCATION: [blank]		LOCATION: [blank]		SHEET: 91	
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BY: [blank]		BY: [blank]		SHEET: 93	
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REGIONAL ADM. [blank]		REGIONAL ADM. [blank]		SHEET: 95	
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WASH. STATE PROJECT NO. [blank]		WASH. STATE PROJECT NO. [blank]		SHEET: 97	
CONTRACT NO. [blank]		CONTRACT NO. [blank]		SHEET: 98	
LOCATION: [blank]		LOCATION: [blank]		SHEET: 99	
DATE: [blank]		DATE: [blank]		SHEET: 100	



