USDA. FOREST SERVICE
COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
902 WASCO AVENUE, SUITE 200
HOOD RIVER, OR 97031

Telephone: 541-308-1700
Fax: 541-386-1916

PROJECT REVIEW APPLICATION

DATE OF APPLICATION:

APPLICANT(S)	**PROPERTY OWNERS**
Federal Highway Administration – Western Federal Lands	USFS
MAILING ADDRESS	MAILING ADDRESS
610 E 5th St., Vancouver, WA 98661	
APPLICANT'S SIGNATURE AND DATE	PROPERTY OWNER'S SIGNATURE AND DATE
Robert B. Lyle 9/21/15	
PHONE: 360-619-7717	PHONE:
E-MAIL: robert.lyle@dot.gov	E-MAIL:

LOCATION OF PROPERTY			**PROPERTY ADDRESS** (IF APPLICABLE)
TOWNSHIP: 2N	RANGE: 8E	SECTION: 1	
QUARTER SECTION: NW 1/4		TAX LOT: USFS 500	
PARCEL SIZE (ACRES):			COUNTY: Hood River
EXISTING LAND USE: Disturbed. Roadway shoulder.			STATE: OR

PROJECT DESCRIPTION: Describe your proposed project, including details on structures to be built, location and types of utilities and infrastructure, drainfields, accessory buildings, ground leveling, and filling, or any other relevant activity or mitigation measures proposed. Use additional sheets as necessary:

Geotech explorations will include two boreholes drilled within the existing roadway shoulder of the Wyeth Bench Road. The boreholes will be located at each side of Gorton Creek, and will provide approximate geotechnical conditions at each end of the proposed Gorton Creek Bridge on the Historic Columbia River Highway State Trail.

Boreholes will be 5-inches in diameter. Depth into rock will depend on depth of bedrock, up to a total

depth of 125 feet.

Both boreholes will be located in existing disturbed areas and will not require any additional earth work or vegetative clearing or limbing. The borehole on the east side of the creek will be located within the shoulder of the paved driveway access to Wyeth Campground. The borehole on the west side of the creek will be located within an existing graveled pullout adjacent to the existing roadway. The holes will be backfilled upon completion of geotech exploration activities.

Application Checklist: the following is required to complete your application:

[] Application form completed and signed
[] Site Plan
[] Key viewing areas checklist (attached)
[] Names and addresses of adjacent property owners within 200 feet of parcel
[] Any additional information as required:

KEY VIEWING AREAS: Key viewing areas are important public viewpoints and areas that afford oportunities to view the Gorge scenery. Key viewing areas are listed below. Please check those sites which can be seen from your property.

[] Historic Columbia River Highway
[] Sandy River
[] Portland Women's Forum State Park
[] Crown Point
[] Rooster Rock State Park
[] Multnomah Falls
[] Larch Mountain
[] Highway I-84, including rest stops
[] Bonneville Dam Visitor Centers
[] Sherrard Point on Larch Mountain
[] Rowena Plateau/Nature Conservancy Viewpoint
[] Larch Mountain Road
X Wyeth Bench Road
[] County Road 1230 (Old WA St. Route 14)
[] Washington State Route 14
[] Washington State Route 142
[] Washington State Route 141
[] Cook-Underwood Road
[] Dog Mountain Trail
[] Beacon Rock
[] Cape Horn
[] Columbia River
[] Pacific Crest Trail Oregon Highway 35

PROJECT SITE PLAN: A plan drawn in black ink at a scale of about 1 inch equal to 200 feet (1:2400) or at a scale providing greater detail must be included with the application.

If the parcel is very large, you may show the project on the portion of the parcel affected by the proposed use. Be sure, however, to show enough of the parcel or some adjacent features, such as roads, so that the reviewers can orient themselves on your map. A small vicinity map showing the subject parcel and surrounding parcels may help.

At a minimum, you must show the following features:

[] Applicant(s) name

[] Location and width of existing and proposed roads, driveways, and trails

[] Scale and north arrow

[] Location and size of existing and proposed structures

[] Boundaries of parcel with dimensions and size

[] Location of existing and proposed services including wells or other water supplies, structures, power and telephone poles and lines and outdoor lighting.

[] Significant terrain features or landforms

[] Location and depth of all proposed grading and ditching

[] Groupings and species of trees or other vegetation on the parcel

[] Location and species of vegetation that would be removed or planted

[] Water courses and bodies of water

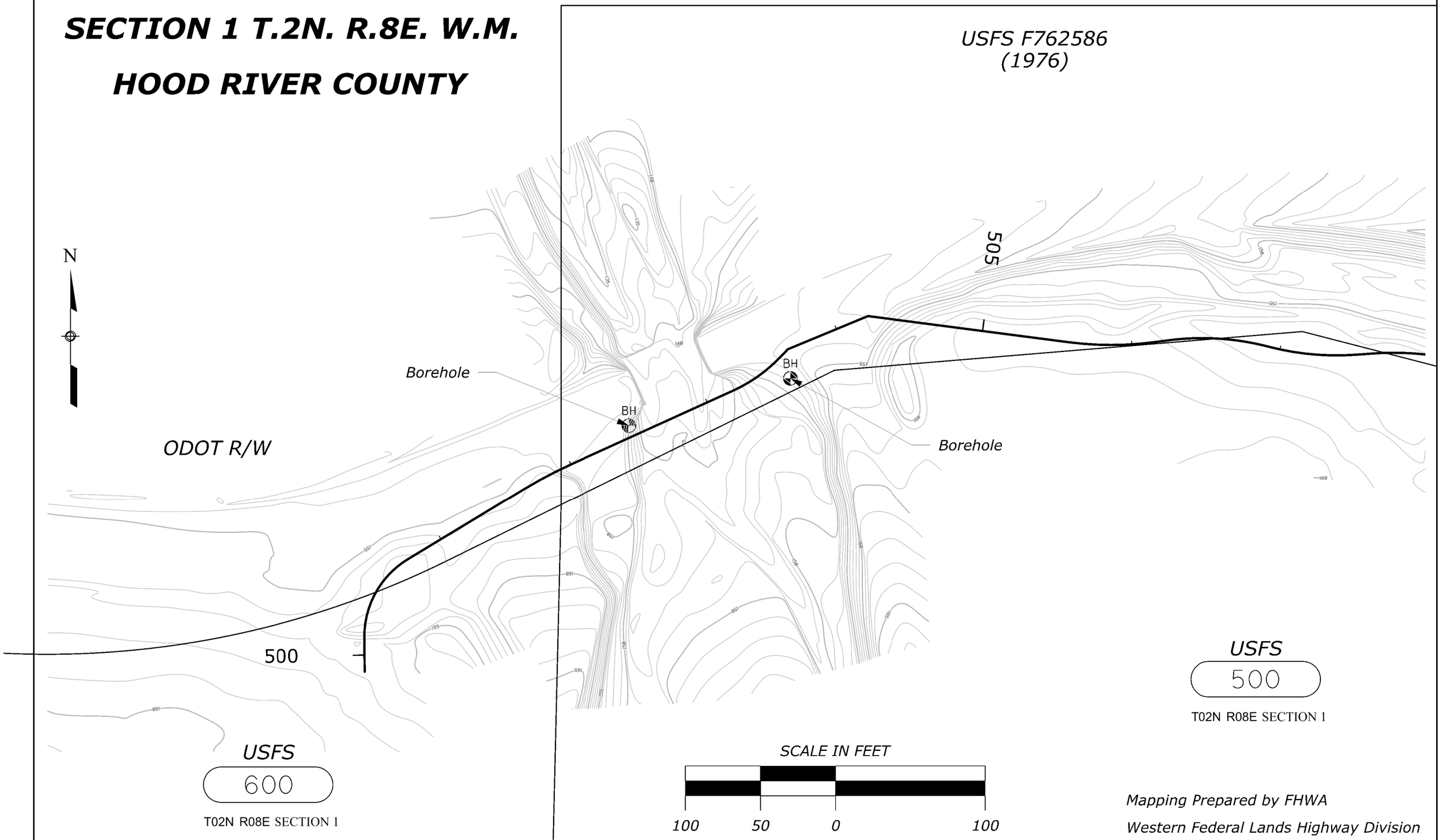
ADJACENT PROPERTY OWNERS AND EXISTING LAND USE ON ADJACENT PARCELS WITHIN 200 FEET OF PROJECT PROPERTY:

TOWNSHIP, RANGE, SECTION, TAX LOT	NAME AND ADDRESS	EXISTING LAND USE
T02N R08E Section 1 Tax Lot USFS 600	USFS	General management, open space
T02N R08E Section 1 Tax Lot USFS 400	USFS	General management, open space
ODOT ROW	Oregon Dept of Transportation	Highway Right-of-Way

EXHIBIT A

SECTION 1 T.2N. R.8E. W.M.

HOOD RIVER COUNTY



Gorton Creek Geotech Explorations - SUPApplication

Project description (describe in detail):

(a) Type of system or facility, (e.g., canal, pipeline, road)

Geotech explorations will include 2 boreholes along the proposed HCRH State Trail alignment at either end of the proposed Gorton Creek Bridge.

(b) Related structures and facilities

No structures or facilities will be associated with these boreholes.

(c) Physical specifications (Length, width, grading, etc.)

Explorations will consist of two exploratory boreholes.

Boreholes will be completed using a truck-mounted drill rig. Boreholes will be 5-inch diameter. Depth into rock will depend on depth of bedrock, up to a total depth of 125 feet.

Both boreholes will be located in existing disturbed areas and will not require any additional earth work or vegetative clearing or limbing. The borehole at the east abutment will be located within the shoulder of the paved driveway access to Wyeth Campground. The borehole at the west abutment will be located within an existing graveled pullout adjacent to the existing roadway.

(d) Term of years needed

The explorations are expected to last approximately 30 days from start to finish.

(e) Time of year of use or operation

Explorations would occur approximately July 2015.

(f) Volume or amount of product to be transported

No import or export of material will occur as a result of the geotechnical explorations.

(g) Duration and timing of construction

No construction would occur.

(h) Temporary work areas needed for construction

All work will be conducted from the shoulder of existing roadways. No additional work areas are needed.

(i) Proposed locations for the project site – if unknown, please provide multiple alternatives. State Not applicable for categories which do not apply to your project.

Proposed locations are at trail station 502+25 and 503+50. One borehole will be placed on each side of Gorton Creek, south of the existing historic bridge.

Project Objectives:

This application is strictly for geotechnical explorations to characterize geotechnical conditions in the Gorton Creek Bridge area of the proposed Historic Columbia River State Trail alignment. A separate SUP permit will be sought when the State Trail project is further developed. To minimize impacts to the environment, the exploration plan uses the shoulder of the old highway to access the borehole sites. Explorations will evaluate the feasibility and constructability of foundation conditions at the Gorton Creek crossing.

Implementation:

All other geotechnical investigations have been approved through the permitting process. These two boreholes at the Gorton Creek Bridge location will occur within a few days of each other, most likely in July 2015.

Equipment Needs:

Boreholes will be drilled using a truck-mounted drill rig. No other equipment is necessary.

Impacted Area:

Boreholes will be drilled into existing disturbed area using truck-mounted drill rigs. The only impact will be two 5-inch diameter boreholes.

Activities within previously disturbed areas:

These two borehole investigations on USFS land lie entirely within a previously disturbed area. The proposed investigation sites are adjacent to an existing historic bridge to the north and the BPA power line route to the south.

Stream impacts/adjacent water bodies:

a) (Is any part of the project within 300-feet of a perennial stream or lake/reservoir? If yes, what is the name of the closest water body(ies)? How close to the water body(ies) is the closest project activity? Please describe the specific activities adjacent to the water body(ies))

The entire geotech investigation area is located within 300 feet of Gorton Creek, a perennial stream. The project activities are a proposed borehole approximately 70 feet from both the west and east edges of the creek. These boreholes are needed to characterize foundation conditions of the proposed bridge over Gorton Creek. Boreholes will be completed using a truck-mounted drill rig. Boreholes will be 5-inch diameter. The holes will extend to the point where they hit bedrock, but depth will depend on specific

geotech information needs at each location. Due to the nature of a 5" diameter borehole, erosion and sedimentation potential at the proposed borehole site is minimal. The hole would be filled when the boring is completed.

b) Is any part of the project within 150-feet of an intermittent stream, pond or wetland? If yes, what is the name of the closest water body(ies)? How close to the water body(ies) is the closest project activity? Please describe the specific activities adjacent to the water body(ies)

The project does not occur within 150-feet of an intermittent stream, pond or wetland.

c) Is in-channel work proposed? If yes, what is the name of the water body(ies)? Please describe the specific activities:

No in-channel work is proposed. Water for the drilling operations will be staged from a water truck near the drill site. Drilling fluids will be recirculated to the maximum extent practical.

Number/species/size of trees to be cut:

No trees will be cut for this activity.

Soil/gravel/rock to be removed or imported to the project area:

No materials will be removed from nor imported to the project area.

Block 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.

a) Air quality:

The proposed activity is not anticipated to affect air quality.

b) Visual impact:

The project would not impact the visual environment. The 5" diameter holes will be filled and not easily identifiable to the casual observer. The drill holes will not be visible from any Key Viewing Areas.

c) Surface & groundwater:

The proposed geotech investigations are not anticipated to impact surface nor groundwater quality nor quantity. Best Management Practices will be used around testing locations to prevent sedimentation to surface waters.

d) Control or structural change to a body of water:

The proposed geotech investigations will not change the control or structure of any water bodies.

e) Existing noise levels:

The proposed geotech investigations will temporarily increase noise levels in the project area. Noise would be a result of equipment operations. Noise levels are not expected to be significantly greater than existing background noise of I-84.

f) Land surface (vegetation, permafrost, soils, soil stability):

Boreholes will be 5-inch diameter. The holes will extend to the point where they hit bedrock, but depth will depend on specific geotech information needs at each location. Depth of boreholes will most likely be around 100 feet, but no more than 125 feet. There will be no other disturbance to vegetation, soils, or soil stability.

Block 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.

a) Populations of fish, plantlife, wildlife, and marine life

The proposed geotech investigations will have minimal impacts to plants and wildlife. No sensitive botanical species are known to exist in the project area. There will be no in-water work, no blasting activities will occur, and there will be no impact hammers used, all of which could harm fish if occurring close to or within streams; the proposed geotech investigations will therefore not affect fish species. Terrestrial wildlife may temporarily avoid the project area while crews are working; however the duration of the work is minimal and not expected to have a lasting effect on wildlife. The proposed project area is forested and across I-84 from the Columbia River; marine life will not be affected.

b) Marine mammals:

The proposed geotech investigations will not impact marine mammals.