

Appendix A

Agency Coordination





STATE OF WASHINGTON

DEPARTMENT OF ARCHAEOLOGY & HISTORIC PRESERVATION

1063 S. Capitol Way, Suite 106 - Olympia, Washington 98501
Mailing address: PO Box 48343 - Olympia, Washington 98504-8343
(360) 586-3065 • Fax Number (360) 586-3067 • Website: www.dahp.wa.gov

April 11, 2006

Mr. Ken Juell
Cultural Resource Specialist
Washington State Department of Transportation
Northwest Washington Division
Urban Corridors Office
401 Second Avenue South, Suite 560
Seattle, Washington 98104-3850

In future correspondence please refer to:

Log: 040405-09-FHWA

Property: SR 518: SeaTac to I-5

Re: Archaeology - No Historic Properties

Dear Mr. Juell:

Thank you for contacting our office and providing a copy of the draft cultural resources discipline report. We concur with the professional recommendations made in the document and your finding of No Historic Properties Effected.

We would appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult under the requirements of 36CFR800.4(a)(4).

These comments are based on the information available at the time of this review and on the behalf of the State Historic Preservation Officer in conformance with Section 106 of the National Historic Preservation Act and its implementing regulations 36CFR800.

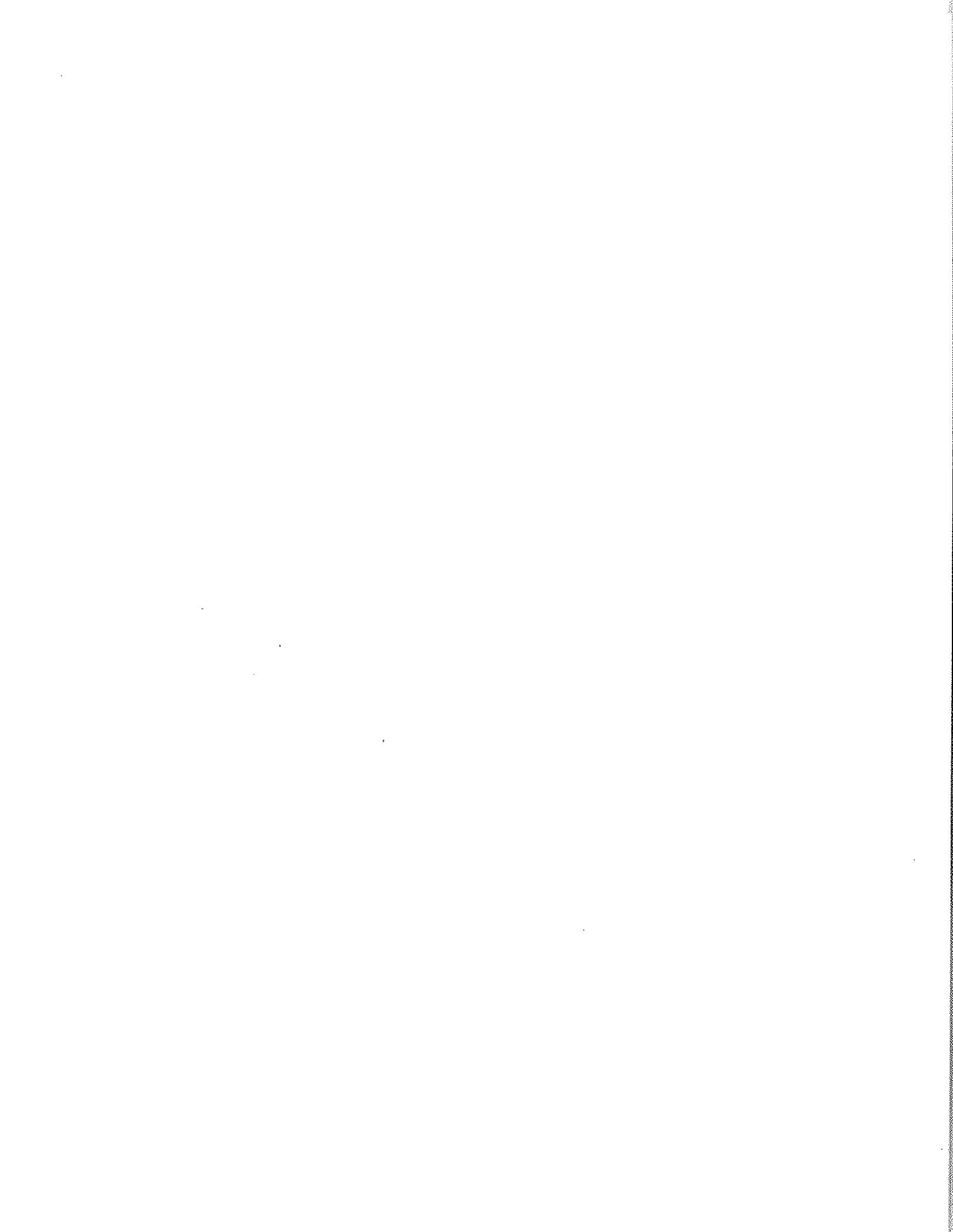
Should additional information become available, our assessment may be revised. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity must stop, the area secured, and this office and the concerned tribes notified.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew Sterner".

Matthew Sterner, M.A., RPA
Transportation Archaeologist
(360) 586-3082
mathew.sterner@dahp.wa.gov







**Washington State
Department of Transportation**
Douglas B. MacDonald
Secretary of Transportation

Northwest Washington Division
Urban Corridors Office
401 Second Avenue South, Suite 560
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206-464-1220 / Fax 206-464-1190
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www.wsdot.wa.gov

March 29, 2005

Dr. Allyson Brooks, Ph.D.
State Historic Preservation Officer
Office of Archaeology and Historic Preservation
1063 S. Capital Way, Suite 106
Olympia, WA 98504-8343
MS-48343

**Re: SR 518: Sea-Tac Airport to I-5/I-405 Interchange Project
King County, Washington
Area of Potential Effects (APE)**

Dear Dr. Brooks:

The Washington State Department of Transportation (WSDOT), on behalf of Federal Highway Administration (FHWA), is preparing two Environmental Assessments (EAs) for projects in the SR 518 Corridor in King County. These EAs will be consistent with the WSDOT and FHWA procedures for compliance with the National Environmental Policy Act (NEPA). The two projects are:

- **SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project**
This project will improve existing mobility and safety and accommodate projected airport traffic by adding a third eastbound lane between the North Airport Expressway and the I-5/I-405 interchange.
- **SR 518/SR 509 Interchange Modification**
This project will evaluate a SR 509 southbound to SR 518 eastbound freeway-to-freeway connection. This connection will address existing access and safety problems and provide for anticipated corridor growth.

Pursuant to compliance with Section 106 of the National Historic Preservation Act (NHPA), we are hereby initiating consultation for this project. We invite you to please comment on the proposed Area of Potential Effect (APE) for the **SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project**. Please review the enclosed maps (one with parcel-level details, one with topographic details) that describe our proposed APE for this project.

In the next few weeks, upon confirmation of project design specifications, we will send you a second letter asking for your comment on the **SR 518/SR 509 Interchange Modification Project** APE.

Project Description

The SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project is located just east of Sea-Tac International Airport. The project consists of the addition of a third eastbound lane. The project is being designed to correct the existing operating inefficiencies and to accommodate projected growth in the surrounding community and Sea-Tac International Airport over the next twenty years.

SR-518 is an urban corridor that connects SR-509 in Burien to I-5/I-405, and provides the primary ground access to Seattle-Tacoma International Airport (STIA). In June of 2002, WSDOT completed the SR-518 Route Development Plan (RDP), which recommended capacity and safety improvements along the SR-518 corridor. WSDOT is now working closely with the Port of Seattle (POS) and the cities of Burien, SeaTac and Tukwila to plan for implementation of the initial phases of these recommended improvements.

Proposed Area of Potential Effects (APE)

Archaeological Resources

Construction of a third eastbound lane on SR-518 will involve ground-disturbing activities on the south side of the highway. The proposed APE for archaeological sites consists of the entire construction zone for the project, anticipated to extend 30 feet from the existing eastbound edge of pavement on SR-518, plus a 20-foot buffer zone, for a total APE of 50 feet from edge of pavement. All work will take place within existing WSDOT right-of-way, which has been heavily disturbed by previous road construction and slope stabilization efforts.

Historic Buildings and Structures

It is not anticipated that there will be any direct impacts (i.e. acquisition) of historic buildings or structures. Possible indirect impacts include noise, vibration, change of setting, and visual impacts, both during construction and operation. WSDOT proposes that the APE for historic buildings and structures include all buildings directly adjacent to SR-518, on both the north and south sides. This is intended to capture all the buildings whose viewsheds include (or that can be seen from) SR-518.

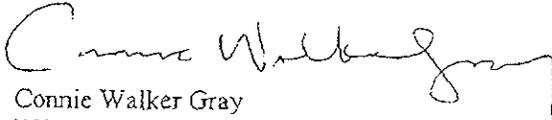
All historic buildings, structures, sites, and objects constructed in or prior to 1960 will be documented. Historic Property Inventory Forms will be prepared for all properties that have not been surveyed within the last five years. Any properties surveyed within the last five years will be re-photographed and checked in the field to verify condition and integrity. Inventory forms will be updated as necessary.

David Williams, SR518 Environmental Manager initiated consultation with the Snoqualmie, Yakama, Duwamish, and Muckleshoot Tribes in letters dated February 9, 2005. Copies of these letters are included in this transmittal. Mr. Williams made follow-up phone calls the week of March 7, 2005. To date, we have not received any comments on cultural resources from the affected Tribes. Letters dated March 29, 2005 solicit concurrence on the proposed APE for this project. We will continue to consult with the tribes throughout the duration of this project.

Dr. Allyson Brooks
Page 2
March 24, 2005

We request your comments on the APE by April 29, 2005. Please contact me at 206.464.1236, email grayc@wsdot.wa.gov, or David Williams, Environmental Coordinator, at 206.464.1235, email willid@wsdot.wa.gov, if you have any questions or comments regarding the SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project.

Sincerely,



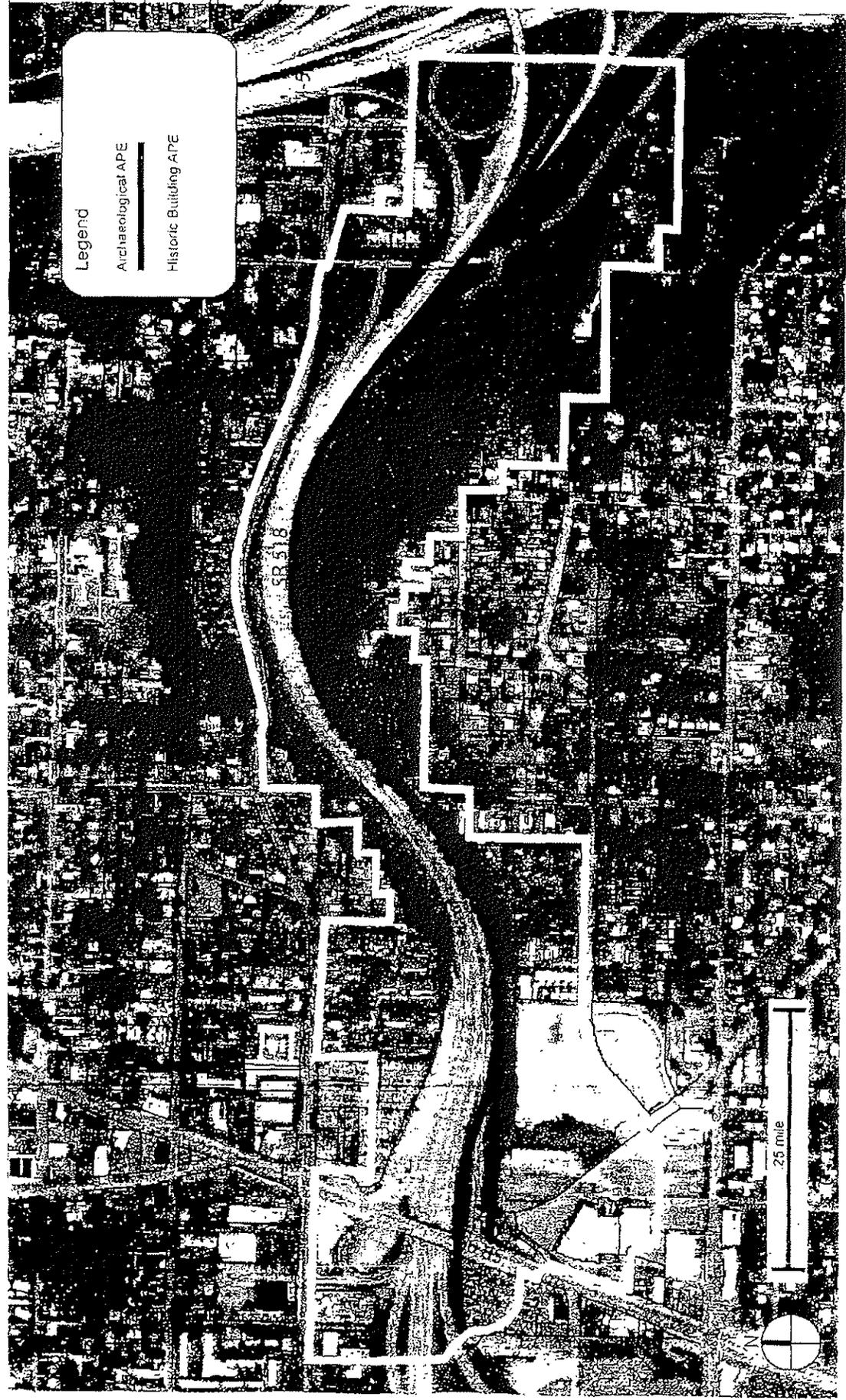
Connie Walker Gray
WSDOT Cultural Resources Specialist

Enclosures

cc: David Williams, WSDOT
Mehrdad Momi, WSDOT
Kirsten Campbell, Parsons Brinckerhoff
Mark Stewart, Parsons Brinckerhoff
Susan Killen, Parsons Brinckerhoff

STATE ROUTE
518

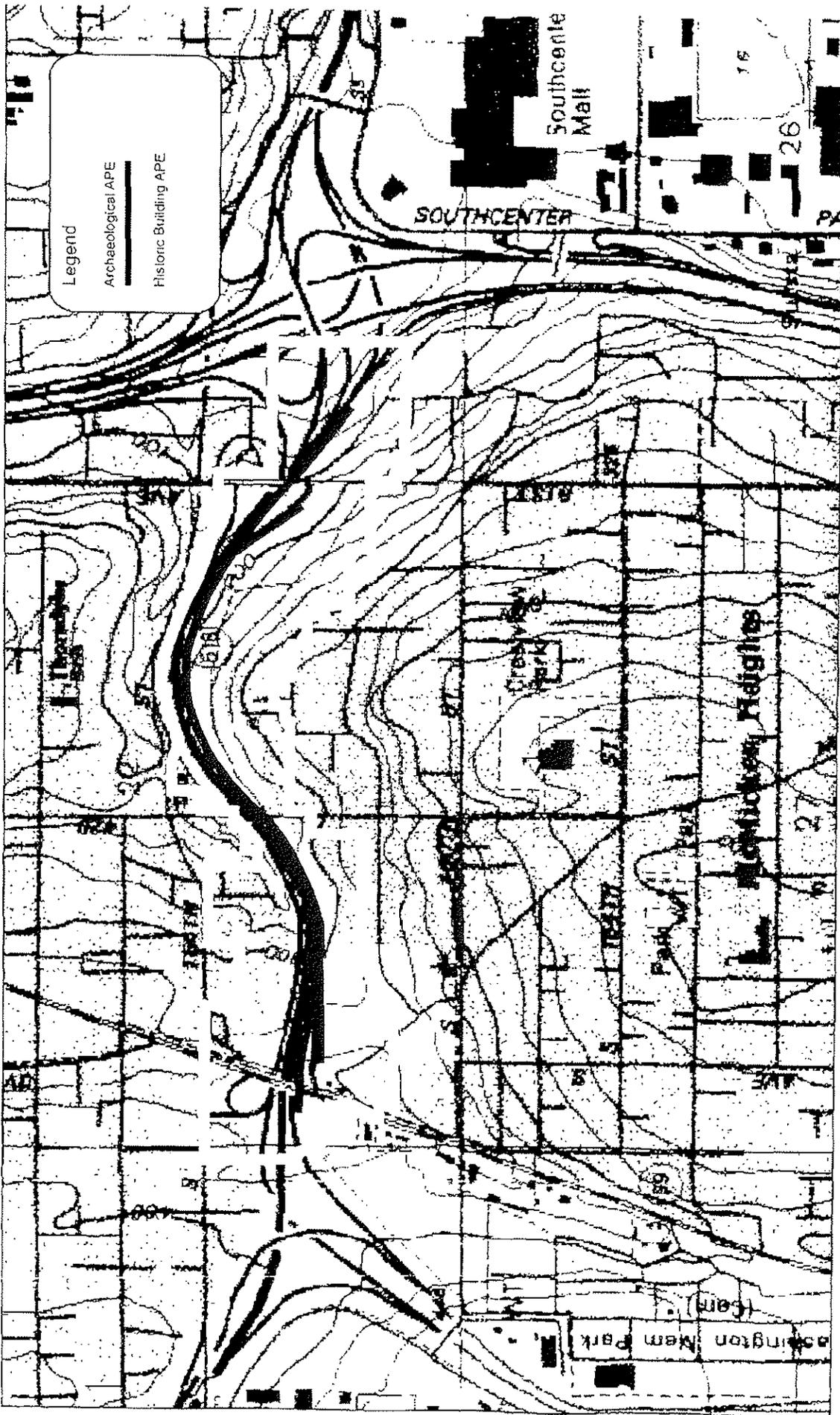
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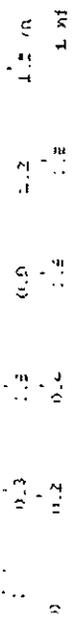
Area of Potential Effects (APE)
for Historical and Cultural Resources

STATE ROUTE
518

DES MOINES EXPANDED CITY LIMITS



Des Moines Quadrangle







STATE OF WASHINGTON

Office of Archaeology and Historic Preservation

1063 S. Capitol Way, Suite 106 • PO Box 48343 • Olympia, Washington 98504-8343 • (360) 586-3065
Fax Number (360) 586-3067 • <http://www.oahp.wa.gov>

April 4, 2005

Ms. Connie Walker Gray
Urban Corridors Office
401 Second Avenue South, Suite 500
Seattle, Washington 98104-3850

Log No.: 040405-09-FHWA
Re: SR 518: Sea-Tac Airport to I-5/I-405 Interchange Project

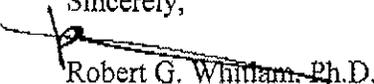
Dear Ms. Walker Gray:

We have reviewed the materials forwarded to our office for the proposed SR 518: Sea-Tac Airport to I-5/I-405 Interchange Project in King County, Washington. Thank you for your description of the Area of Potential Effect (APE) and the accompany maps. We concur with your definition of the Area of Potential Effect. We look forward to the results of your consultation with the concerned tribes and receiving the survey report.

These comments are based on the information available at the time of this review and on behalf of the State Historic Preservation Officer for compliance with Section 106 of the National Historic Preservation Act and its implementing regulations 36CFR800. We would appreciate receiving any correspondence or comments from concerned tribes or other parties that you receive as you consult under the requirements of 36CFR800.4(a)(4).

Should additional information become available, our assessment may be revised. In the event that archaeological or historic materials are discovered during project activities, work in the immediate vicinity should be discontinued, the area secured, and the tribe's cultural committee and this office notified. Thank you for the opportunity to comment.

Sincerely,


Robert G. Whittam, Ph.D.
State Archaeologist
(360) 586-3080
email: robw@cted.wa.gov





Washington State
Department of Transportation
Douglas B. MacDonald
Secretary of Transportation

Northwest Washington Division
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401 Second Avenue South, Suite 560
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www.wsdot.wa.gov

June 30, 2005

Dr. Allyson Brooks
State Historic Preservation Officer
Office of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343
MS-48343

Subject: SR 518 Corridor Projects-Archaeological Fieldwork

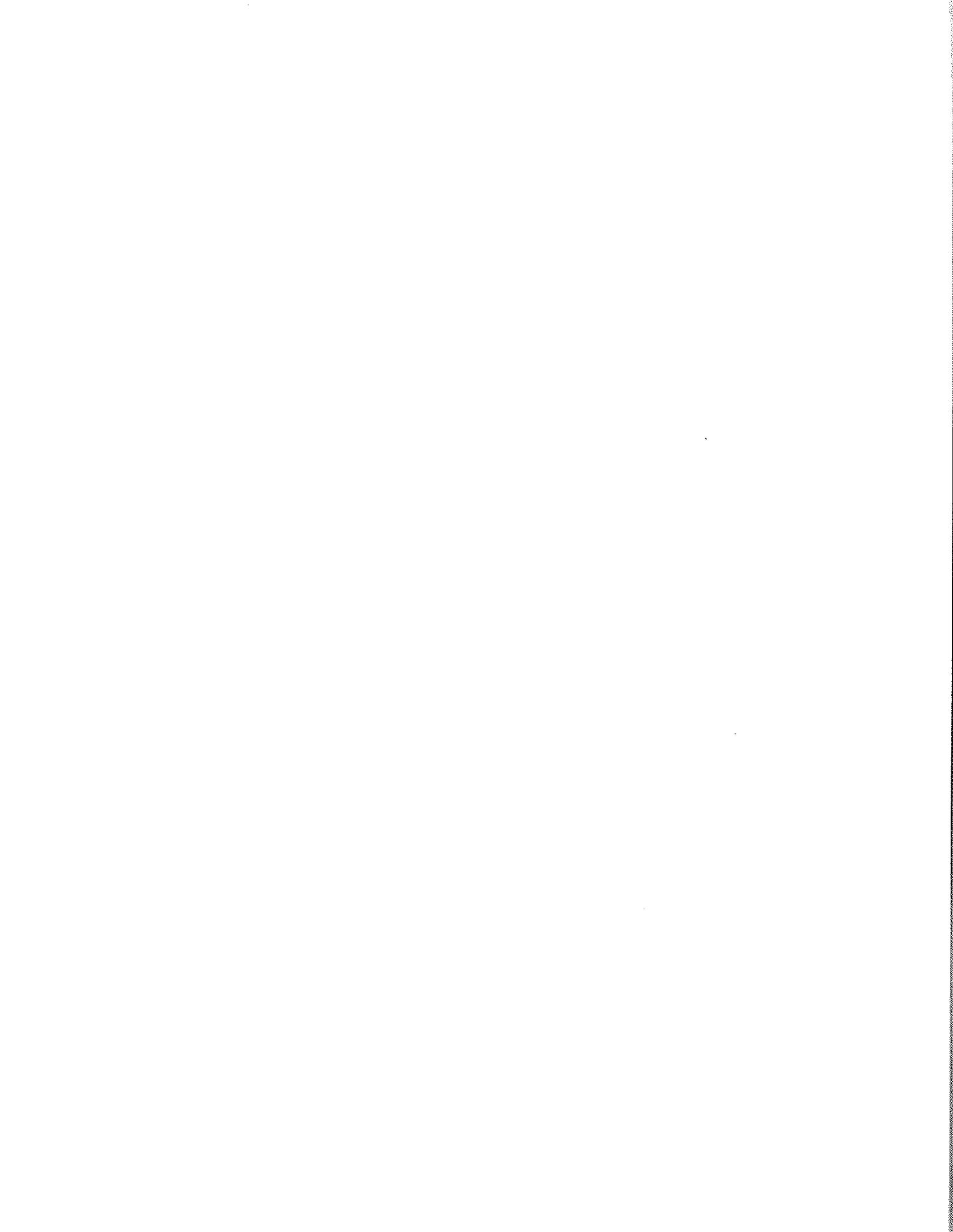
Dear Dr. Brooks:

This letter is a follow-up to letters sent on March 29, 2005 and June 2, 2005 regarding the SR 518 Corridor Projects. As described in those letters, the Washington State Department of Transportation (WSDOT), on behalf of the Federal Highway Administration (FHWA), is preparing two environmental assessments (EAs) for projects in the SR 518 corridor in King County, Washington. The two projects are:

- **SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project**
The SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project will improve existing mobility and safety and accommodate projected airport traffic by adding a third eastbound lane between the North Airport Expressway and the I-5/I-405 interchange.
- **SR 518/SR 509 Interchange Modification Project**
The SR 518/SR 509 Interchange Modification Project will evaluate a SR 509 southbound to SR 518 eastbound freeway-to-freeway connection. This connection will address existing access and safety problems and provide for anticipated corridor growth.

Your office responded with concurrences on the APEs for both projects on April 4, 2005 (Log 040405-09-FHWA) and on June 15, 2005 (Log 061505-05-FHWA).

Larson Anthropological Archaeological Services Limited (LAAS) has been retained to conduct archaeological and traditional cultural places assessments for the proposed projects. Identification of archaeological resources and traditional cultural places will be undertaken through archival review, monitoring test pits and geotechnical borings, shovel and auger probe excavation, tribal consultation, and preparation of a discipline report that meets federal and state standards for reporting.





**Washington State
Department of Transportation**

Douglas B. MacDonald
Secretary of Transportation

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July 11, 2005

Dr. Allyson Brooks
State Historic Preservation Officer
Office of Archaeology and Historic Preservation
1063 S. Capitol Way, Suite 106
Olympia, WA 98504-8343
MS-48343

**RE: SR 518 Sea-Tac Airport to I-5/I-405 Interchange Project
Log # 040405-09-FHWA**

Dear Dr. Brooks:

Enclosed please find a copy of the Monitoring and Unanticipated Discovery Plan for geotechnical investigations being conducted for the above-referenced project. Larson Anthropological Archaeological Services Limited (LAAS) has been retained to monitor seven test pits and eight geotechnical borings within the Project's archaeological Area of Potential Effect (APE). The purpose of monitoring geotechnical borings and test pits is to identify any human remains and/or archaeological deposits that may be significant, prevent adverse effects to significant resources and/or human remains from construction excavation, if necessary, and to collect data that will aid in identifying areas with a high probability for significant archaeological deposits. A letter dated June 30, 2005 summarized the locations and extent of these geotechnical investigations.

WSDOT is consulting with the Duwamish, Muckleshoot, Puyallup, Snoqualmie, and Yakama Tribes, and we will keep you informed of their comments regarding this project.

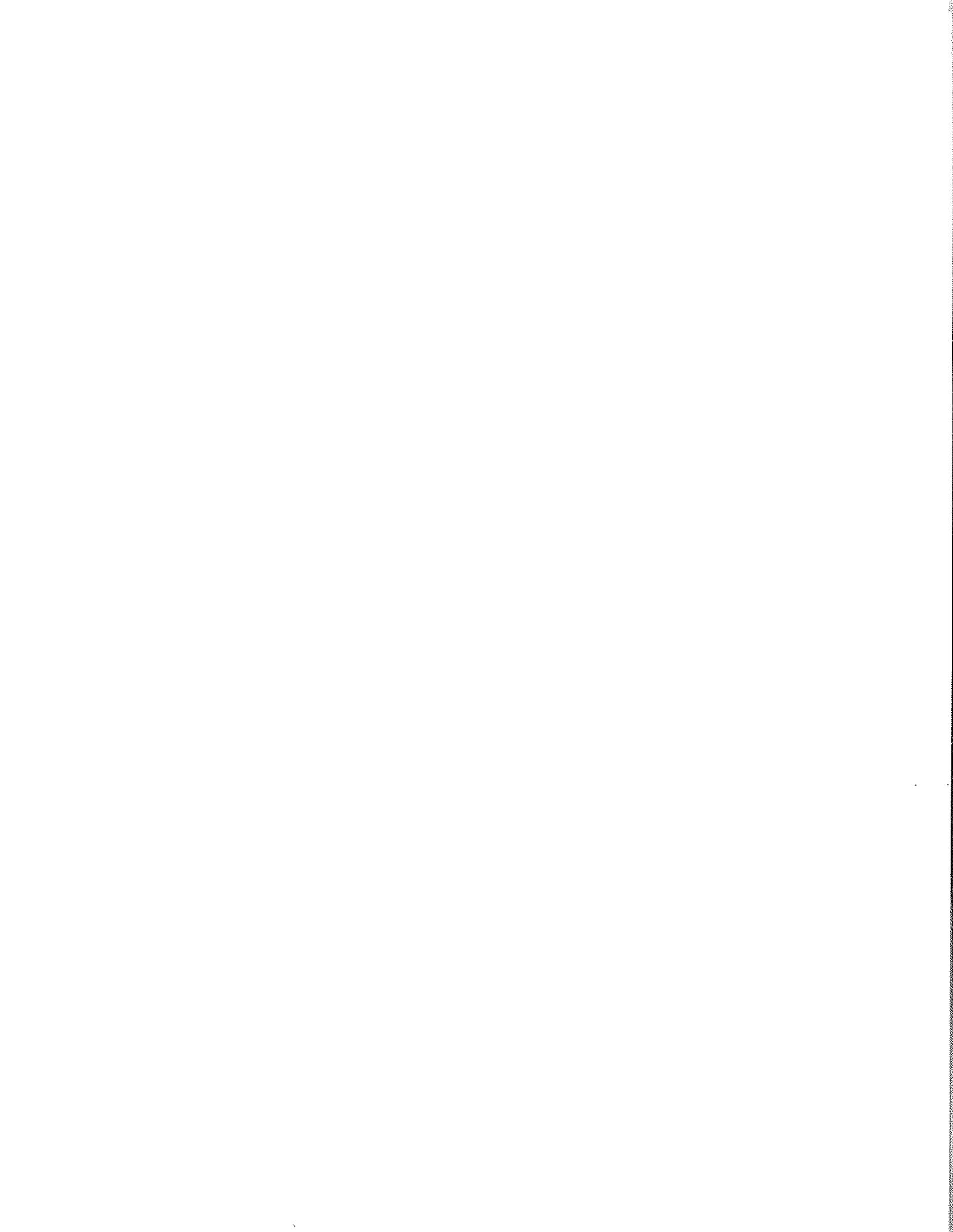
If you have other questions or concerns about the projects, please contact me at 206.464.1236, email grayc@wsdot.wa.gov, or David Williams, Environmental Coordinator, at 206.464.1235, email willidt@wsdot.wa.gov.

Sincerely,

Connie Walker Gray
WSDOT Cultural Resource Specialist

Enclosure

cc: Nichole Gillis, LAAS
David Williams, WSDOT
Merhdad Moini, WSDOT
Kirsten Campbell, Parsons Brinckerhoff
Susan Killen, Parsons Brinckerhoff





April 24, 2006

TO: David T. Williams, SR 518 Environmental Manager

FROM: Ken Juell, Cultural Resources Specialist
PHONE: (206) 464-1236

THRU: Sandie Turner, ESO-Cultural Resources Manager

SUBJECT: Summary of Intergovernmental Consultation with Tribes, SR 518 North Airport Expressway (NAE) / SR 99 Interchange to I-5 / I-405 Interchange Project

Pursuant to 36 CFR 800.2(a)(4) related to Section 106 of the National Historic Preservation Act, and following the authority delegated to the Washington State Department of Transportation (WSDOT) by the Federal Highways Administration (FHWA), the WSDOT has initiated and performed tribal consultation for this project. FHWA and WSDOT seek to ensure that each tribe has the opportunity to identify and address any concerns regarding identification and evaluation of cultural resource and potential effects of the undertaking upon such resources. This memo summarizes the intergovernmental consultation related to cultural resources that have been conducted to date; consultation will continue until completion of the project.

AFFECTED TRIBES

Formal government-to-government consultation has occurred with tribes that were identified as having usual and accustomed areas in the Project's Area of Potential Effects (APE). These tribes include:

Muckleshoot	Puyallup	Snoqualmie
Suquamish	Yakama Nation	Duwamish.

GOVERNMENT-TO-GOVERNMENT CONSULTATION RECORD

- February 9, 2005, WSDOT sent a letter to each tribe initiating government-to-government consultation and requesting information about cultural resource sites in the project vicinity. The letter identified the project's APE on two maps of differing scale, and requested tribal concurrence with the definition. Comments were requested by April 29, 2005, so that they could be considered prior to the initiation of archival research and fieldwork.

David T. Williams
April 24, 2006
Page 2

- March 7, 2005 -- The SR 518 Environmental Project Manager David Williams telephoned each tribe to obtain comments and determine any concerns.
- June 30, 2005 -- The WSDOT sent a letter to the tribes announcing Larson Anthropological Archaeological Services (LAAS) Ltd. as the cultural resources contractor for the archaeological and traditional cultural places inventory. The research methods used to collect information were outlined, and an Unanticipated Discovery Plan was attached to the letter to inform the Tribes of procedures to be followed during monitoring of geotechnical test pit excavations.
- October 5, 2005 -- The WSDOT received a response to the February 9 letter from Ms. Amber Sterud of the Puyallup Tribe of Indians that requested that the Tribe be notified immediately if any historical sites were exposed by the project.
- October 18, 2005 -- Ms. Sterud was called on by WSDOT Cultural Resources Specialist Ms. Connie Walker Gray. She was thanked for the letter and informed that WSDOT would forward the discipline report to her for comments.
- March 3, 2006 -- A cover letter and draft cultural resources discipline report was sent to the six tribes. The letter requested report review and comments by April 7, 2006. The cover letter summarized findings of the inventory (negative) and explained why WSDOT was not agreeing with our archaeological consultant's recommendation for monitoring of construction in the moderate probability areas.
- March 15, 2006 -- The WSDOT only received one response regarding its request for review of the draft cultural resources report. The response was from Cultural Resources Manager Dennis Lewarch of the Suquamish Tribe. The Suquamish had no comments on the draft report but did wish to review the Unanticipated Discovery Plan when available. WSDOT will provide such an opportunity in the near future.

WSDOT has provided the tribes opportunities to participate in the definition of the project APE, the archival and fieldwork research designs, and the identification and evaluation of cultural resources with respect to the National Register of Historic Places significance criteria. The WSDOT also will offer them opportunity to comment on the Unanticipated Discovery Plan to be used during the construction phase of the Project.

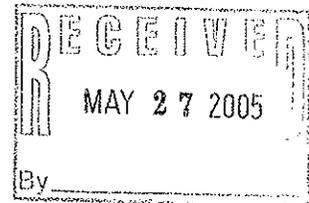
kj

cc: Sandie Turner, WSDOT
Sasha Visconty, WSDOT
James Leonard, FHWA



May 24, 2005

Johnny Grady Jr
Herrera Environmental Consultants Inc
2200 Sixth Avenue – Ste 1100
Seattle WA 98121



**SUBJECT: Proposed Corridor Improvements to SR 518 - WA Dept of Transportation
(T23N R04E S17,20-24,26)**

We've searched the Natural Heritage Information System for information on significant natural features in your project area. Currently, we have no records for rare plants or high quality native ecosystems in the vicinity of your project.

The information provided by the Washington Natural Heritage Program is based solely on existing information in the database. In the absence of field inventories, we cannot state whether or not a given site contains high quality ecosystems or rare plant species; there may be significant natural features in your study area of which we are not aware.

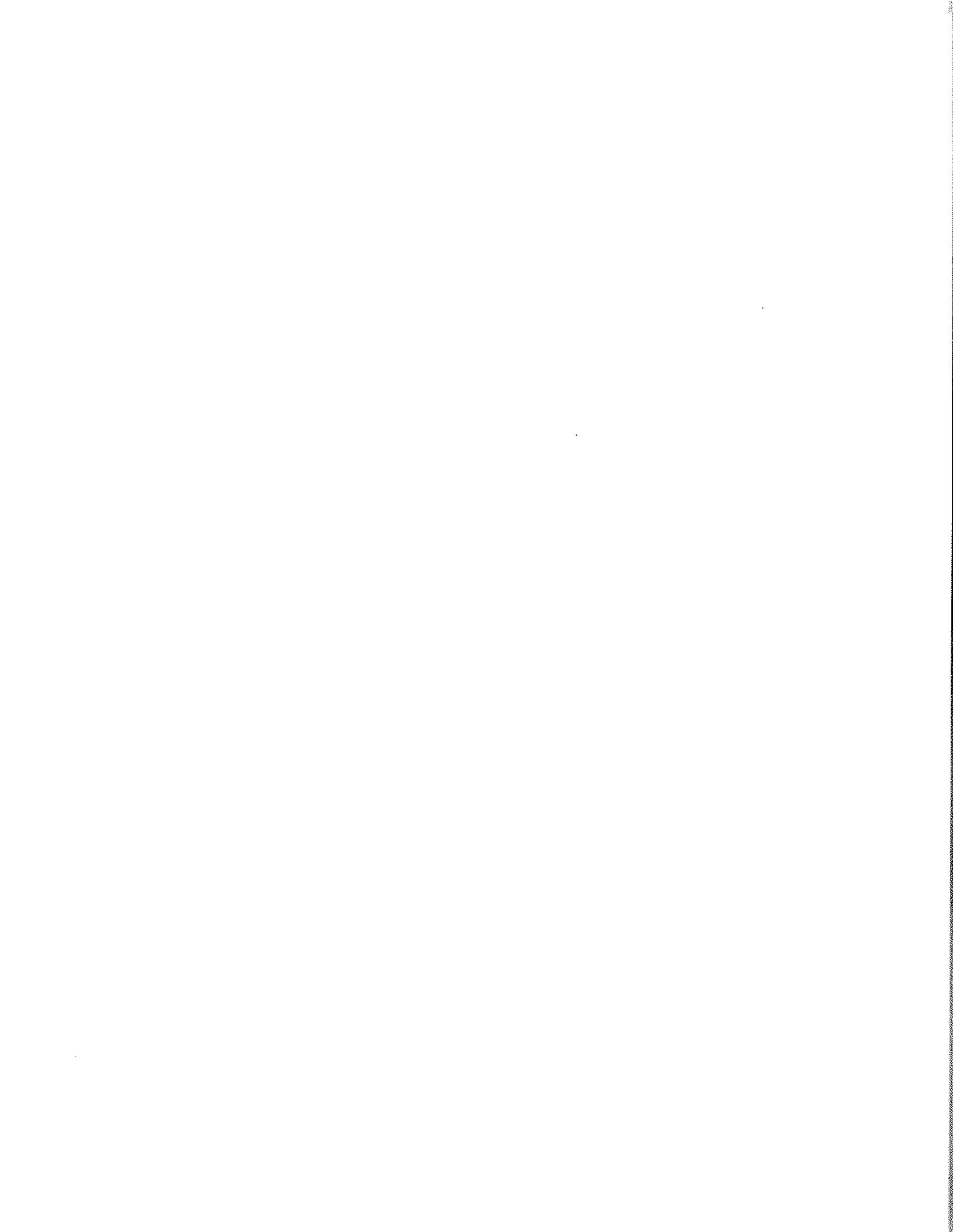
The Washington Natural Heritage Program is responsible for information on the state's rare plants as well as high quality ecosystems. For information on animal species of concern, please contact Priority Habitats and Species, Washington Department of Fish and Wildlife, 600 Capitol Way N, Olympia WA 98501-1091, or by phone (360) 902-2543.

Please visit our internet website at <http://www.dnr.wa.gov/nhp> for more information. Lists of rare plants and their status, rare plant fact sheets, as well as rare plant survey guidelines are available for download from the site. Please feel free to call me at (360) 902-1667 if you have any questions, or by e-mail at sandra.moody@wadnr.gov.

Sincerely,

Sandy Swope Moody, Environmental Review Coordinator
Washington Natural Heritage Program

Asset Management & Protection Division, PO Box 47014, Olympia WA 98504-7014
FAX 360-902-1789





State of Washington
DEPARTMENT OF FISH AND WILDLIFE

Mailing Address: 600 Capitol Way N • Olympia, WA 98501-1091 • (360) 902-2200, TDD (360) 902-2207
Main Office Location: Natural Resources Building • 1111 Washington Street SE • Olympia, WA

Date: AUG 17 2005

Dear Habitats and Species Requester:

Enclosed are the habitats and species products you requested from the Washington Department of Fish and Wildlife (WDFW). This package may also contain documentation to help you understand and use these products.

These products only include information that WDFW maintains in a computer database. They are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife, nor are they designed to provide you with guidance on interpreting this information and determining how to proceed in consideration of fish and wildlife. These products only document the location of important fish and wildlife resources to the best of our knowledge. It is important to note that habitats or species may occur on the ground in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site-specific surveys are frequently necessary to rule out the presence of priority habitats or species.

Your project may require further field inspection or you may need to contact our field biologists or others in WDFW to assist you in interpreting and applying this information. Generally, for assistance on a specific project, you should contact the WDFW Habitat Program Manager for your county and ask for the area habitat biologist for your project area. Refer to the enclosed directory for those contacts.

Please note that sections potentially impacted by spotted owl management concerns are displayed on the 1:24,000 scale standard map products. If specific details on spotted owl site centers are required they must be requested separately.

These products are designed for users external to the forest practice permit process and as such, does not reflect all the information pertinent to forest practice review. The Forest Practice Rules adopted August 22, 1997 by the Forest Practice Board and administered by the Washington Department of Natural Resources require forest practice applications to be screened against marbled murrelet detection areas and detection sections. Marbled murrelet detection locations are included in the standard priority habitats and species products, but the detection areas and detection sections are not included. If your project is affected by Forest Practice Regulations, you should specially request murrelet detection areas.

WDFW updates this information as additional data become available. Because fish and wildlife species are mobile and because habitats and species information changes, project reviews for fish and wildlife should not rest solely on mapped information. Instead, they should also consider new information gathered from current field investigations. Remember, habitats and species information can only show that a species or habitat type is present, they cannot show that a species or habitat type is not present. These products should not be used for future projects. Please obtain updates rather than use outdated information.

Because of the high volume of requests for information that WDFW receives, we need to charge for these products to recover some of our costs. Enclosed is an invoice itemizing the costs for your request and instructions for submitting payment.

Please note that sensitive information (e.g., threatened and/or endangered species) may be included in this request. These species are vulnerable to disturbances and harassment. In order to protect the viability of these species we request that you not disseminate the information as to their whereabouts. Please refer to these species presence in general terms. For example: "A Peregrine Falcon is located within two miles of the project area".

If your request required a Sensitive Fish and Wildlife Information Release Agreement and you or your organization has one on file, please refer to that document for conditions regarding release of this information.

For more information on WDFW you may visit our web site www.wdfw.wa.gov or visit the Priority Habitats and Species site at www.wdfw.wa.gov/hab/phspage.htm.

For information on the state's endangered, threatened, and sensitive plants as well as high quality wetland and terrestrial ecosystems, please contact the Washington Department of Natural Resources, Natural Heritage Program at PO Box 47014, Olympia Washington 98504-7014, by phone (360) 902-1667 or visit the web site at www.dnr.wa.gov/nhp.

If you have any questions or problems with the information you received please call me at (360) 902-2543 or fax (360) 902-2946.

Sincerely,



Lori Guggenmos, Information Technology Specialist
Priority Habitats and Species

Enclosures

**LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES AND CRITICAL
HABITAT; CANDIDATE SPECIES; AND SPECIES OF CONCERN
IN WESTERN WASHINGTON
AS PREPARED BY
THE U.S. FISH AND WILDLIFE SERVICE
WESTERN WASHINGTON FISH AND WILDLIFE OFFICE**

(Revised October 8, 2004)

KING COUNTY

LISTED

Wintering bald eagles (*Haliaeetus leucocephalus*) occur in the county. Wintering activities occur from October 31 through March 31.

There are five bald eagle communal winter night roosts located in the county.

There are two bald eagle wintering concentrations located in the county along the Skykomish-Beckler-Tye Rivers and Foss River.

There are 38 bald eagle nesting territories located in the county. Nesting activities occur from about January 1 through August 15.

Bull trout (*Salvelinus confluentus*) occur in the county.

Canada lynx (*Lynx canadensis*) may occur in the county.

Gray wolves (*Canis lupus*) may occur in the county.

Grizzly bears (*Ursus arctos* = *U. a. horribilis*) may occur in the county.

Marbled murrelets (*Brachyramphus marmoratus*) occur in the county. Nesting murrelets occur from April 1 through September 15.

Northern spotted owls (*Strix occidentalis caurina*) occur in the county throughout the year.

Major concerns that should be addressed in your Biological Assessment of project impacts to listed species include:

1. Level of use of the project area by listed species.
2. Effect of the project on listed species' primary food stocks, prey species, and foraging areas in all areas influenced by the project.
3. Impacts from project activities and implementation (e.g., increased noise levels, increased human activity and/or access, loss or degradation of habitat) that may result in disturbance to listed species and/or their avoidance of the project area.

Arenaria paludicola (marsh sandwort) may occur in the county.

Castilleja levisecta (golden paintbrush) may occur in the county.

Major concerns that should be addressed in a Biological Assessment of listed plant species include:

1. Distribution of taxon in project vicinity.
2. Disturbance (trampling, uprooting, collecting, etc.) of individual plants and loss of habitat.
3. Changes in hydrology where taxon is found.

DESIGNATED

Critical habitat for the northern spotted owl has been designated in King County.

Critical habitat for the marbled murrelet has been designated in King County.

PROPOSED

Critical habitat for the bull trout (Coastal-Puget Sound distinct population segment) has been proposed in King County.

CANDIDATE

Fisher (*Martes pennanti*) (West Coast distinct population segment)
Yellow-billed cuckoo (*Coccyzus americanus*)

SPECIES OF CONCERN

Beller's ground beetle (*Agonum belleri*)
California wolverine (*Gulo gulo luteus*)
Cascades frog (*Rana cascadae*)
Hatch's click beetle (*Eanus hatchi*)
Larch Mountain salamander (*Plethodon larselli*)
Long-eared myotis (*Myotis evotis*)
Long-legged myotis (*Myotis volans*)
Northern goshawk (*Accipiter gentilis*)
Northern sea otter (*Enhydra lutris kenyoni*)
Northwestern pond turtle (*Emys* (= *Clemmys*) *marmorata marmorata*)
Olive-sided flycatcher (*Contopus cooperi*)
Pacific lamprey (*Lampetra tridentata*)
Pacific Townsend's big-eared bat (*Corynorhinus townsendii townsendii*)
Peregrine falcon (*Falco peregrinus*)
River lamprey (*Lampetra ayresi*)

Tailed frog (*Ascaphus truei*)
Valley silverspot (butterfly) (*Speyeria zerene bremeri*)
Western toad (*Bufo boreas*)
Aster curtus (white-top aster)
Botrychium pedunculatum (stalked moonwort)
Cimicifuga elata (tall bugbane)