Alaskan Way Viaduct & Seawall Replacement Program

U.S. Department of Transportation Federal Highway Administration | WSDOT | King County | City of Seattle

October 28, 2009

Sandra Gurkewitz
John Baggs, P.E.
SDOT Major Projects Office
700 Fifth Avenue, Suite 3900
P.O. Box 34996
Seattle, WA 98124-4996

Re: Street Use Permit Application
SR 99 Bored Tunnel Design–Build Project

Dear Ms. Gurkewitz and Mr. Baggs:

Attached, please find the City of Seattle (City) Street Use Permit (SUP) application for the proposed State Route 99 (SR 99) Bored Tunnel Design-Build Project (Project). Specific elements of the proposed Project include:

- Design and construction of a large-diameter bored tunnel with an approximate diameter of 55 feet, and approximate length of 2 miles.
- Associated preparation work at the north and south portals to make these areas ready for the tunnel work, including: the design and construction of permanent and temporary retaining walls, relocation of utilities, removal of unsuitable materials and/or soil improvements, removal of adjacent temporary building tie-back supports, providing temporary and permanent power supplies, disposal operations, design and construction of temporary and permanent ventilation buildings, and design and construction of connecting cut-and-cover work at both the north and south ends of the tunnel.
- Design, fabrication, installation, and complete commissioning of tunnel ventilation, communication, lighting, signaling, low voltage utilities and fire/life safety systems that extend beyond the limits of the tunnel through the north and south cut-and-cover areas.

The south portal structure is expected to be located in the vicinity of First Avenue South between Charles and Dearborn Streets and serves as the starting location for the tunnel boring machine. The current proposed tunnel alignment will then extend along First Avenue South, passing under a rail tunnel, to the intersection of Pike Street where it will make a sweeping turn to the east going beneath a sewer tunnel and numerous buildings. The tunnel will then end at the north portal on SR 99, in the vicinity of John and Thomas Streets.

The proposed Project follows a Design-Build process and, although the Washington State Department of Transportation (WSDOT) will be the permit holder for the SUP, the Design-Builder retains the responsibility to prepare and submit design package submittals for City review per RFP Section 2.28.

Currently, Federal Highway Administration, WSDOT and the City are developing a second Supplemental Draft Environmental Impact Statement (SDEIS) for the viaduct replacement. The SDEIS will be published for public review in early 2010, a Final EIS will be published in January 2011, and the Record of Decision will be issued by FHWA in Spring 2011.

If an alternative different from the proposed Project is selected, WSDOT will either terminate the Project and withdraw the application, or resubmit the application to meet the specifics of the selected alternative.

Please contact me at (206) 382-5279 or Adam Gale at (206) 267-6884 with questions or suggestions on specific ways to coordinate with City staff on this review. Thank you in advance for your review and assistance on the proposed Project.

Sincerely,

Allison Hanson

Allison Hanson
Director of Environmental Services, ESO Mega Projects (AWV, SR 520, I-405)

cc: Linea Laird
Heather Page
Adam Gale

**Seattle Department of Transportation** | Street Use Division
700 Fifth Avenue, Suite 3700
PO Box 34996
Seattle, Washington 98124-4996
(206) 684-5253 | SDOTPermits@Seattle.gov

Permit Number
*(Official Use)*

# STREET USE UTILITY PERMIT APPLICATION (SMC 15.32.030)

## PROJECT SUMMARY

PROJECT ADDRESS: Linear Construction Project

STREET NAME: SR 99 FROM: First Avenue South between Charles and Dearborn Streets TO: SR 99 between John and Thomas Street

CLASSIFICATION: ☒ ARTERIAL ☐ NON-ARTERIAL ☐ UNDERWATER STREET

START DATE: April 2011 DURATION (DAYS): Approximately 5 Years

JOB/WORK ORDER NO: _____ PERMIT NO. IF STARTED ONLINE *(NA if none, do not leave blank)*: N/A

## CONTACT INFORMATION

| | |
|---|---|
| **Applicant** *(Individual or Company)*<br>Allison Hanson, Washington State Department of Transportation | **Owner** *(If other than Applicant)*<br>Same as Applicant |
| Address<br>999 Third Avenue, Suite 2424, Seattle, WA, 98104 | Address |
| Phone<br>(206) 382-5279 | Phone |
| Fax<br>(206) 382-5291 | Fax |
| Email<br>HansonA@wsdot.wa.gov | Email |
| SDOT Customer ID<br>Allison Hanson | SDOT Customer ID |
| Contact Name *(if different than above)*<br>Adam Gale, (206) 267-6884 | Contact Name *(if different than above)* |
| 24 Hour/Job Site Phone | |

PERMITTEE *(check one)*: ☐ Applicant ☒ Owner

*NOTE: The Permittee is responsible for deposits, billings and payments and all other Terms of this application (see Terms on the back of this form).*

## WORK DESCRIPTION

### UTILITY AGENCIES

- ☒ Major Projects – New, Upgraded, or High Impact (51)
- ☐ Aerials - Maintenance/Installation/Removal (51C)
- ☐ Electrical/Telecom - Maintenance/Service Connections (51H)
- ☐ Gas - Maintenance/Service Connections (51D)
- ☐ Other - Maintenance/Service Connections (51M)
- ☐ Poles - Maintenance/Installation/Removal (51B)
- ☐ Sanitary/Storm - Maintenance (51K)
- ☐ Water - Maintenance/Service Connections (51J)
- ☐ Maintenance – No Restoration Required (51E)

### UTILITY WORK BY PRIVATE PARTIES

- ☒ All Types - Maintenance/Service Connections (51G)
- ☐ Water - Maintenance/Service Connections (28)

### BORING, SURVEYING, AND TESTING

- ☒ Exploratory and Testing (51I)

### TRANSPORTATION

- ☒ Major Projects – New, Upgraded, or High Impact (51A)
- ☐ Transportation Maintenance (51L)

PIPE DIAMETER: _____ MATERIAL *(Circle)*: **CMP** **DIP** **HDPE** **PVC** **RCP** OTHER: _____

## *WORK DESCRIPTION (continued)*

### DETAILED DESCRIPTION

*(Please provide a detailed description of the work proposed in the space below)*

The SR 99 Bored Tunnel Design-Build Project consists of the following elements:

- Design and construction of a large-diameter bored tunnel with an approximate diameter of 55 feet, and approximate length of 2 miles.
- Associated work at the at the north and south portals will be required to make these areas ready for the tunnel work, including: the design and construction of permanent and temporary retaining walls, relocation of utilities, removal of unsuitable materials and/or soil improvements, removal of adjacent temporary building tie-back supports, providing temporary and permanent power supplies, disposal operations, design and construction of ventilation buildings, and design and construction of connecting cut-and-cover work at both the North and South ends of the tunnel.
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### IMPACTED INFRASTRUCTURE

*(Check all that apply)*

- ☒ Asphalt Street
- ☒ Concrete Street
- ☐ Alley
- ☒ Sidewalk
- ☒ Curb Ramp
- ☒ Curb and Gutter
- ☒ Utility Structures
- ☐ Trees
- ☐ Planting Strip
- ☐ Unpaved Shoulder
- ☐ Paved Shoulder
- ☐ Traffic Circle
- ☐ Unimproved ROW
- ☐ Trees

☐ Other ROW _____

AREA OF USE (SQ FT): 1 sq ft

☐ Other ROW _____

## *MOBILITY IMPACT*

- ☐ Travel Lane Closed
- ☒ Multi-Travel Lanes Closed
- ☒ Street Closed
- ☐ Parking Lane Closed
- ☐ Alley Partially Blocked
- ☐ Alley Closed
- ☐ Bike Lane Closed
- ☐ Bike Lane Partially Blocked
- ☒ Sidewalk Partially Blocked
- ☒ Sidewalk Closed
- ☐ No Impact

## *TERMS*

**Indemnification**

The Permittee agrees to defend, indemnify, and hold harmless the City of Seattle, its officials, officers, employees, and agents against: (1) any liability, claims, causes of action, judgments, or expenses, including reasonable attorney fees, resulting directly or indirectly from any act or omission of the Permittee, its subcontractors, anyone directly or indirectly employed by them, and anyone for whose acts or omissions they may be liable, arising out of the Permittee's use or occupancy of the public right-of-way; and (2) all loss by the failure of the Permittee to fully or adequately perform, in any respect, all authorizations or obligations under the Permit.

**Acceptance of terms, conditions, and requirements**

Permittee shall accept the terms, conditions, and requirements of the permit and agree to comply with them to the satisfaction of the Seattle Department of Transportation, Street Use Division. Permittee further agrees to comply with all applicable city ordinances, including but not limited to Title 15 SMC, and all applicable requirements of state and federal law. Work shall begin within six months from the date of approval unless other arrangements are made, otherwise the application shall be void.

**Applicant or Authorized Agent Statement**

I declare under penalty of perjury under the laws of the State of Washington that: I am the Applicant AND the Owner OR the authorized agent of the owner; that the information provided herein is correct and complete; and that I have the authority to bind the owner to this application.

**Deposits, Charges, and Future Billings**

The Permittee is responsible for all permit charges. If a deposit was made for estimated future Street Use services, any unused portion of the deposit will be refunded to the permittee. Any charges in excess of the deposit will be billed to the Permittee.

APPLICANT SIGNATURE: MMSmithanson DATE: 10/29/09

*(Official Use)*

| ***REQUIRED AT APPLICATION*** | ***REQUIRED PRIOR TO ISSUANCE*** | | |
|---|---|---|---|
| ☐ Site Plan | ☐ Annual Permit | ☐ Historic District Approval | ☐ Pavement Moratorium Wvr. |
| ☐ Restoration Plan | ☐ BIA Approval | ☐ Holiday Moratorium Waiver | ☐ Proof of Insurance |
| ☐ Traffic Control Plan | ☐ Bond | ☐ Indemnity Agreement | ☐ SEPA Review |
| ☐ Deposit: $_____ | ☐ ECA Permit/Exemption | ☐ Noise Exemption | ☐ PACT Waiver |

COMMENTS: _____

_____

_____

APPLICATION ACCEPTED BY: _____ DATE: _____

APPLICATION APPROVED BY: _____ DATE: _____