

February 7, 2013

David Pyle
Senior Land Use Planner
City of Bellevue
P.O. Box 90012
Bellevue, WA 98009-9012

Dear Mr. Pyle:

Sound Transit is pleased to submit this application for a Critical Areas Land Use Permit (Land Use Permit) to the City of Bellevue (the City) in accordance with LUC 20.25. The enclosed Land Use Permit application is in support of design of Sound Transit's East Link Extension Light Rail Project (Project). The work proposed in this application is included under the definition of an essential public facility [RCW 36.70A.200 (1)] and is included as an allowed activity (New or Expanded Essential Public Facilities) per LUC 20.25H.055.

This application provides details for sixteen (16) exploratory geotechnical borings and seventeen (17) cone penetrometer test sites proposed within the Mercer Slough Complex. These geotechnical borings are key components of the critical path for design of the Project. The Project was chosen by the Sound Transit Board, The Federal Transit Administration (FTA), and the Washington State Department of Transportation (WSDOT) through a Record of Decision (ROD) on November 17, 2011. In addition, the City and Sound Transit have signed a Memorandum of Understanding (MOU) to work cooperatively towards completing the Project in the most efficient manner possible.

The items included as part of this application are as follows:

1. A summary of how the proposed work meets the performance standards listed in LUC 20.25H.055(B) – (See “Critical Areas Land Use Permit Application Performance Standard Summary”)
2. A detailed map identifying all locations where drilling may occur within critical areas as defined by LUC 20.25H.025 – (See Attachment A)
3. A restoration plan that meets the requirements of LUC 20.25H.220.H. – (See Attachment C)

Approval of this Land Use Permit application is critical to Sound Transit's progression of final design for the Project and ensuring the Project stays on schedule and within budget.

We look forward to your determination on this application.

Sincerely,



Terry Beals
Sound Transit Permits Administrator

Enclosures

c: Ellie Ziegler, Joel Theodore, DOCC (East Link: Segment E330)

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Pierce County Executive

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CHIEF EXECUTIVE OFFICER

Joni Earl

CRITICAL AREAS LAND USE PERMIT

Critical Areas Land Use Permit: Authorization to disturb, develop or otherwise modify a critical area, critical area buffer, or critical area structure setback as allowed under prescribed standards outlined in *Land Use Code* section 20.25H. Includes applications for reasonable use or for uses or development otherwise allowed in critical areas.
(LO)

Critical Areas Land Use Permit With Critical Areas Report: Authorization to disturb, develop or otherwise modify a critical area, critical area buffer, or critical area structure setback using the critical areas report process.
(LO)

Site Address: _____		Date: _____
FOR OFFICE USE ONLY: This section to be completed prior to application submittal by the planner in the Development Services.		
Planner: _____ <input type="checkbox"/> Allowed use or development <input type="checkbox"/> Structure setback modification <input type="checkbox"/> Critical area buffer averaging <input type="checkbox"/> Modification of critical area, critical area buffer, or critical area structure setback via Critical Areas Report <input type="checkbox"/> Modification of performance standards for habitat for species of local importance via Critical Areas Report <input type="checkbox"/> Reasonable use Comments: _____	<input type="checkbox"/> Stream <input type="checkbox"/> Wetland <input type="checkbox"/> Geologic Hazard Area <input type="checkbox"/> Area of Special Flood Hazard <input type="checkbox"/> Habitat Associated with Species of Local Importance <input type="checkbox"/> Critical Areas offsite within 100 feet <input type="checkbox"/> Shoreline	<i>Check below if applicable:</i> <input type="checkbox"/> SEPA Review <input type="checkbox"/> Includes Shoreline Permit

APPLICATION DOCUMENTS: Submit the document copies specified for your application type.

Initial for waiver	Critical Areas Land Use Permit	Critical Areas Land Use Permit With Critical Areas Report
This Chart	1	1
Application	1	1
"Bill To" Form	1	1
Boundary & Topographic Survey	2	2
Site Plan B Including Delineated Critical Areas, Critical Areas Buffers, Critical Areas Structure Setbacks, and Complete Tree Inventory, and Flood Plain Base Flood Elevation	2	2
Narrative Description (See Footnote A)	2	
Critical Areas Report (Includes Narrative Description – See Footnote A)		2

	Critical Areas Land Use Permit	Critical Areas Land Use Permit With Critical Areas Report
Geotechnical Study	2	2
Wetland Study	2	2
Wetland Rating Forms	2	2
Stream Study	2	2
Vegetation Management Plan	2	2
Habitat Assessment	2	2
Mitigation, Restoration, or Enhancement Plan	2	2
Electronic Documents on CD	1	1
Environmental Checklist	2	2
Other Requirements	Information submitted in support of modification of a critical area, buffer, setback or performance standard may be subject to confirmation by the City at additional cost to the applicant. Landscape Installation and Maintenance Assurance Device may be required as part of underlying permit approval.	
Fees	Permit Processing provides current fee information (425-452-4898). Fees are due at submittal; additional fees may be due in monthly billings.	

Footnotes

- ^A Provide a narrative describing the project that includes the following (all are required unless not applicable and waived by an Environmental Planner):
- A description of the project site, including landscape features, existing development, and site history as applicable.
 - A description of how the design constitutes the minimum necessary impact to the critical area.
 - A description of why there is no feasible alternative with less impact to the critical area, critical area buffer, or critical area structure setback.
 - A description of alternatives considered and why the alternative selected is preferred.
 - A summary of how the proposal meets each of the decision criteria contained in *Land Use Code* Section 20.30P.
 - A summary of how the proposal meets each of the criteria and performance standards contained in *Land Use Code* Section 20.25H associated with the critical area you are modifying.
 - A summary of how the proposal meets each of the criteria contained in *Land Use Code* Section 20.25H.230 as required for applications proposing a modification through the use the Critical Areas Report process.

Please Note

The property owner bears the responsibility for the accuracy and completeness of all information provided with or affecting the application submittal.

If the property contains or is adjacent to Critical Areas: streams, wetlands, geohazard areas, floodplains, lakes, ponds, or other water resources, and coal mine hazard areas, additional information may be required.

Critical area information may be subject to confirmation by the City at **additional cost** to the applicant. See a planner for details.

The city may require additional information as needed. If you have any questions concerning your application submittal, visit or call Development Services (425-452-6800) between 8 a.m. and 4 p.m., Monday through Friday (Wednesday, 10 a.m. to 4 p.m.).

The city will provide reasonable assistance with physical access, communication, or other needs related to a disability. Assistance for the hearing impaired: Dial 711.

Fees

Fees are based on the published hourly rate and fee schedule adopted at the time of application submittal. Application submittal requires a minimum fee deposit. Billing is based on time spent in review of and in response to the applicant request and is reflective of the quality of the application submittal items.

Critical Areas Land Use Application Required Application Documents Summary

Application Documents	Critical Areas Land Use Permit (Included/Not Applicable)	Location in Application
City Supplied Submittal Chart	Included	See Pages 1 and 2
Application	Included	See Page 4
“Bill To” Form	Included	See Pages 5 and 6
Boundary & Topographic Survey	Included	Included in Site Plan B
Site Plan B Including Delineated Critical Areas, Critical Areas Buffers, Critical Areas Structure Setbacks, and Complete Tree Inventory, and Flood Plain Base Flood Elevation	Included	See Attachment A
Narrative Description (See Footnote A of Submittal Chart)	Included	Not Applicable
Critical Areas Report (Includes Narrative Description)	Not Required	Not Applicable
Geotechnical Study	Not Included	Please refer to the East Link Project FEIS, July 2011, Section 4.11 and Appendix F4.11 for Geotechnical Study Information
Wetland Study	Not Included	Please refer to the East Link Project FEIS, July 2011, Section 4.8 and Appendix H3 for Wetland Study Information
Wetland Rating Forms	Not Included	Wetland Rating Forms can be found on City of Bellevue Public Website
Stream Study	Not Included	Please refer to the East Link Project FEIS, July 2011, Section 4.9 and Appendix H3 for Stream Study Information
Vegetation Management Plan	Not Included	Not Applicable
Habitat Assessment	Not Included	Please refer to the East Link Project FEIS, July 2011, Section 4.8 and Appendix H3 for Wetland Study Information
Mitigation, Restoration, or Enhancement Plan	Included	See Attachment C for Restoration Plan for geotechnical borings.
Electronic Documents on CD	Included	See CD
Environmental Checklist	Not Included	This work is SEPA exempt as identified under WAC 197-11-800(17) and under the provisions of BCC 22.20.032.D.

FEIS = Final Environmental Impact Statement



Sound Transit Geotechnical Borings

Bellefield Office Park

Development Services

13-106772-LO

Permit Processing 425-452-4898

Application for LAND USE APPROVAL

APPLICATION DATE	TECH	CIP PROJ #	PROJECT FILE #
<input type="checkbox"/> Administrative Conditional Use-LA <input type="checkbox"/> Boundary Line Adjustment-LW <input type="checkbox"/> Planned Unit Development-LK <input type="checkbox"/> Planned Unit Dev Combined w/Plat-LK <input type="checkbox"/> Conditional Use-LB <input type="checkbox"/> Conditional Use Shoreline Mgmt-WA/WG <input type="checkbox"/> Design Review-LD <input type="checkbox"/> Final Plat-LG	<input type="checkbox"/> Binding Site Plan-LF <input type="checkbox"/> Final Short Plat-LF <input type="checkbox"/> Land Use Approval Amendment-LI <input type="checkbox"/> Land Use Exemption-LJ <input type="checkbox"/> Critical Land Use Permit Admin-LO <input type="checkbox"/> Preliminary Plat-LL <input type="checkbox"/> Antenna no Building Permit w/SEPA-CA		<input type="checkbox"/> Preliminary Short Plat-LN <input type="checkbox"/> Preliminary SEPA Review-LM <input type="checkbox"/> Shoreline Development-WG <input type="checkbox"/> Shoreline Exemption w/o SEPA-WD <input type="checkbox"/> Shoreline Exemption w/SEPA-WE <input type="checkbox"/> Shoreline Variance-WF <input type="checkbox"/> Variance-LS
NOTICE OF COMPLETENESS: Your application is considered complete 29 days after submittal, unless otherwise notified.			

- Property Address** Varies; see Attachment A for locations **Zoning** Commercial
 Project Name (if applicable) East Link Extension Tax Assessor # 066288TRCT
- Applicant** Sound Transit Phone (206) 398-5000
 Address 401 S. Jackson St. City, State, Zip Seattle, WA 98104
- Contact Person** Terry Beals Phone (206) 398-5237
 E-Mail Address terry.beals@soundtransit.org FAX # ()
 Address 401 S. Jackson St. City, State, Zip Seattle, WA 98104
- Engineer/Architect/Surveyor** Alison Sparks Phone (206) 398-5024
 Address 401 S. Jackson St. City, State, Zip Seattle, WA 98104
- Description of proposed project, use, exemption, or variance
Geotechnical borings in support of the design of a new link light rail essential public facility. See Attachment B for more information.
 Proposed Building Gross Square Footage 0 Proposed Structure Parking Gross Square Footage 0
- Nature of Project (if applicable)**
 Current use of property and existing improvements Privately held Wetland and buffer with commercial structure.
 Identify any adjacent water area/wetlands or significant natural features (i.e., streams, wetlands, views, significant trees, water bodies, etc) on or within 200 feet of the property.
Mercer Slough West, Mercer Slough Wetland
- If **SHORT PLAT or SUBDIVISION** Application: Total Acreage N/A Number of Proposed Lots N/A
 Has this property been previously subdivided? If yes, Date _____ Recording # _____
 If this is a Final Plat or Final Short Plat, what is the Preliminary project file # N/A
- If **SHORELINE MANAGEMENT**: Total cost or fair market value of the project (whichever is higher) \$ 224,000
 If a single family residence or pier is proposed, is it intended for the owner's own personal use? Yes No
 If Shoreline Variance, the development will be located:
 Landward Waterward **AND/OR** Outside Inside areas designated as marshes, bogs or swamps by the Dept. of Ecology. (Chapter. 173.22. WAC) of the ordinary high water mark.

BCC 23.10.033 - Agreement regarding vested rights: The filing of an application for any of these required approvals prior to the filing of a valid and complete application for a building permit shall not establish or create a vested right to proceed with construction of any proposed project.

I certify that I am the owner or owners authorized agent. If acting as an authorized agent, I further certify that I am authorized to act as the Owners agent regarding the property at the above-referenced address for the purpose of filing applications for decision, permits, or review under the Land Use Code and other applicable Bellevue City Codes and I have full power and authority to perform on behalf of the Owner all acts required to enable the City to process and review such applications.

I certify that the information on this application is true and correct and that the applicable requirements of the City of Bellevue, RCW and the State Environmental Policy Act (SEPA) will be met.

Signature Terry Beals (Owner or Owners Agent)

Date 2/8/2013

City of Bellevue



Bill To Form



APPROVAL DATE	TECH	CIP PROJ #
<input type="checkbox"/> Administrative Conditional Use-LA <input type="checkbox"/> Boundary Line Adjustment-LW <input type="checkbox"/> Planned Unit Development-LK <input type="checkbox"/> Planned Unit Dev Combined with-LK <input type="checkbox"/> Conditional Use-LA <input type="checkbox"/> Conditional Use Shoreline Mgmt-WAWG <input type="checkbox"/> Design Review-LD	<input type="checkbox"/> Binding Site Plan-LP <input type="checkbox"/> Final Short Form-LF <input type="checkbox"/> Land Use Approval Amendment-LJ <input type="checkbox"/> Land Use Exception-LJ <input type="checkbox"/> Conditional Use with Exception-LD <input type="checkbox"/> Shoreline Variance-WF <input type="checkbox"/> Shoreline Exception with SEPA-WG <input type="checkbox"/> Shoreline Exception with SEPA-WG <input type="checkbox"/> Shoreline Variance-WF <input type="checkbox"/> Variance-LA	<input type="checkbox"/> Shoreline Mgmt-WAWG <input type="checkbox"/> Shoreline Exception-LJ <input type="checkbox"/> Shoreline Exception with SEPA-WG <input type="checkbox"/> Shoreline Variance-WF <input type="checkbox"/> Variance-LA

Permit/Approval #

Your application is a type that requires deposit(s) and may have billable hours.

This means you may receive bills in the mail for review or inspection time spent on your project, in addition to the fees you pay at submittal or will be required to pay at or prior to issuance.

Please send the bills to:

Name/Company: Sound Transit

Attention: Terry Beals

Billing Address: 401 S. Jackson St

City, State and Zip: Seattle, WA 98104

10-digit Phone #: 206-398-5237

- For address changes: Notify Billing Customer Service (425-452-6860)
- For ownership changes: The new owner must provide Billing Customer Service with the ownership transfer date before any billing information can be changed.
- For billing liability changes: Contact Billing Customer Service (425-452-6860)
- City/School/Agency Projects: Please use "City Applicant / Other Agency Form"

Signature: *Terry Beals*

Date: 2/8/2013

City Applicant / Other Agency Form

Permit/Approval #

This form is only applicable if you are a City of Bellevue Department, or an outside agency listed below, and you are requesting to be billed for submittal and issuance fees. Check the appropriate agency on the list below. If you are not listed below, all application fees must be paid by check, cash, or credit card at the time of application.

CIP / Work Order / Purchase Order / Reference Number:	
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City Project Information

Other Agency Project Information

Check One	Department	Row Sequence #	Check One	Agency	PO #	Row Sequence #
	COB Parks	294978		Bellevue Schools		114044
	COB Transportation	295060		KC Dept Of Trans	KC 100	541675
	COB Fire	295099		KC Solid Waste	KC 200	568614
	COB Utilities	295034		KC Wastewater	KC 300	749926
	COB Info Services	532938		City of Redmond		541621
	COB Arts	532935		Issaquah Schools		308963
	COB Info Tech	552341	X	Sound Transit		552268
	COB Facilities	295032		PO 98884 for Stage III, Linda Smith		206 689-4922
	COB PCD	744833				
	COB Police	903897				

Project Manager: Terry Beals Phone Number: 206-398-5237

Internal Use Only: If the application requires a deposit, create a second line in the AMANDA People Screen and add the "Bill To" using the same People RSN as above.

Critical Areas Land Use Permit Application Performance Standard Summary

This summary describes how the proposed geotechnical borings will meet the applicable performance standard listed as part of the City of Bellevue Land Use Code, LUC 20.25. The project responses to the performance standards are shown below in italicized, bold font.

Wetlands

LUC 20.25H.055.C.2

2. New and Expanded Uses or Development. As used in this section, “facilities and systems” is a general term that encompasses all structures and improvements associated with the allowed uses and development described in the table in subsection B of this section:

a. New or expanded facilities and systems are allowed within the critical area or critical area buffer only where no technically feasible alternative with less impact on the critical area or critical area buffer exists. A determination of technically feasible alternatives will consider:

i. The location of existing infrastructure;

The proposed geotechnical borings are in support of the design of a new essential public facility, East Link Extension Project. The locations of the borings are along the environmentally cleared alignment, evaluated through the July 2011 Final Environmental Impact Statement (FEIS) and subsequent Record of Decision (ROD). Please see Table 1 for the appropriate FEIS reference section for this item.

ii. The function or objective of the proposed new or expanded facility or system;

The proposed geotechnical borings are in support of the design of a new essential public facility, East Link Extension Project. The locations of the borings are along the environmentally cleared alignment, evaluated through the July 2011 Final Environmental Impact Statement (FEIS) and subsequent ROD. Please see Table 1 for the appropriate FEIS reference section for this item.

iii. Demonstration that no alternative location or configuration outside of the critical area or critical area buffer achieves the stated function or objective, including construction of new or expanded facilities or systems outside of the critical area;

The proposed geotechnical borings are in support of the design of a new essential public facility, East Link Extension Project. The locations of the borings are along the environmentally cleared alignment, evaluated through the July 2011 Final Environmental Impact Statement (FEIS) and subsequent ROD. Please see Table 1 for the appropriate FEIS reference section for this item.

Geotechnical exploration locations have been chosen to reduce the amount of impact to critical areas and their buffers to the greatest extent possible. However, in certain areas, exploration locations could not be moved outside of these areas without compromising the quality of data to be gathered. Reducing the quality of data could result in over-engineering and additional impacts to critical areas.

- iv. Whether the cost of avoiding disturbance is substantially disproportionate as compared to the environmental impact of proposed disturbance; and

The proposed geotechnical borings are in support of the design of a new essential public facility, East Link Extension Project. The locations of the borings are along the environmentally cleared alignment, evaluated through the July 2011 Final Environmental Impact Statement (FEIS) and subsequent ROD. Please see Table 1 for the appropriate FEIS reference section for this item.

- v. The ability of both permanent and temporary disturbance to be mitigated.

The proposed geotechnical borings are in support of the design of a new essential public facility, East Link Extension Project. The locations of the borings are along the environmentally cleared alignment, evaluated through the July 2011 Final Environmental Impact Statement (FEIS) and subsequent ROD. Please see Table 1 for the appropriate FEIS reference section for this item.

- b. If the applicant demonstrates that no technically feasible alternative with less impact on the critical area or critical area buffer exists, then the applicant shall comply with the following:

- i. Location and design shall result in the least impacts on the critical area or critical area buffer;

Geotechnical exploration locations have been chosen to reduce the amount of impact to critical areas and their buffers to the greatest extent possible. However, in certain areas, exploration locations could not be moved outside of these areas without compromising the quality of data to be gathered. Reducing the quality of data could result in over-engineering and additional impacts to critical areas. Please see Table 1 for the appropriate FEIS reference section for this item.

- ii. Disturbance of the critical area and critical area buffer, including disturbance of vegetation and soils, shall be minimized;

Minor clearing may be required to create an access path to the exploration location as well as a work area for the equipment and associated personnel. Impacts to surrounding vegetation and

soils will be reduced to the greatest extent possible. Please see Table 1 for the appropriate FEIS reference section for this item.

iii. Disturbance shall not occur in habitat used for salmonid rearing or spawning or by any species of local importance unless no other technically feasible location exists;

The proposed work is not expected to impact a habitat used for salmonid rearing or spawning or by any species of local importance. No in-water work is proposed as a part of the geotechnical explorations. Please see Table 1 for the appropriate FEIS reference section for this item.

iv. Any crossing over of a wetland or stream shall be designed to minimize critical area and critical area buffer coverage and critical area and critical area buffer disturbance, for example by use of bridge, boring, or open cut and perpendicular crossings, and shall be the minimum width necessary to accommodate the intended function or objective; provided, that the Director may require that the facility be designed to accommodate additional facilities where the likelihood of additional facilities exists, and one consolidated corridor would result in fewer impacts to the critical area or critical area buffer than multiple intrusions into the critical area or critical area buffer;

No structured crossings of a wetland or stream are proposed as part of the geotechnical exploration work. Please see Table 1 for the appropriate FEIS reference section for this item.

v. All work shall be consistent with applicable City of Bellevue codes and standards;

All work will meet applicable City of Bellevue codes and standards.

vi. The facility or system shall not have a significant adverse impact on overall aquatic area flow peaks, duration or volume or flood storage capacity, or hydroperiod;

The proposed work is not expected to impact overall aquatic area flow peaks, duration or volume or flood storage capacity or hydroperiod. Please see Table 1 for the appropriate FEIS reference section for this item.

vii. Associated parking and other support functions, including, for example, mechanical equipment and maintenance sheds, must be located outside critical area or critical area buffer except where no feasible alternative exists; and

Impacts to critical areas are temporary and will only be for required for equipment to complete the work. Any additional mechanical equipment, including support vehicles, will be located outside the critical area or critical buffer except where no feasible alternative exists. Please see Table 1 for the appropriate FEIS reference section for this item.

viii. Areas of new permanent disturbance and all areas of temporary disturbance shall be mitigated and/or restored pursuant to a mitigation and restoration plan meeting the requirements of LUC [20.25H.210](#).

Temporary disturbance impacts will be mitigated with the appropriate erosion and sediment control best management practices (BMPs) and restored using common re-vegetation methods such as hydroseeding where applicable. Please refer to Table 1 for further mitigation information related to construction of the East Link Extension project.

LUC 20.25H.100

Development on sites with a wetland or wetland critical area buffer shall incorporate the following performance standards in design of the development, as applicable:

- A. Lights shall be directed away from the wetland.

Work is expected to be conducted during daylight hours. In the event that nighttime work is required, lights will be directed away from the wetland to the extent possible.

- B. Activity that generates noise such as parking lots, generators, and residential uses, shall be located away from the wetland, or any noise shall be minimized through use of design and insulation techniques.

Where exploration locations fall adjacent or within the wetland boundary, noise generating equipment will be placed outside of the boundary where feasible. Please refer to Table 1 for further noise impact information related to construction of the East Link Extension project.

- C. Toxic runoff from new impervious area shall be routed away from the wetlands.

No new impervious area is included as part of the proposed exploration work. Borings will be backfilled per Washington State Department of Ecology regulations. In the event that a piezometer is installed, the boring will be covered with a flush mounted cap for monitoring access. During construction of the Project, the boring will be abandoned per Washington State Department of Ecology regulations. Typically the backfill consists of low permeability bentonite or a cement-bentonite mixture. Impacted surfaces will be re-vegetated using hydroseeding or other methods for restoration. Please refer to Table 1 for further impervious area runoff information related to construction of the East Link Extension project.

- D. Treated water may be allowed to enter the wetland critical area buffer.

Any water meeting NPDES construction water quality standards may be allowed to enter the wetland critical area buffer. Please refer to Table 1 for further treated water information related to construction of the East Link Extension project.

- E. The outer edge of the wetland critical area buffer shall be planted with dense vegetation to limit pet or human use.

Any impacts associated to the proposed work will be restored to near pre-exploration condition, or to the extent possible. Disturbed vegetated areas will be stabilized with the appropriate BMPs prior to work beginning and seeded upon completion. Alteration to the existing outer edge of the wetland critical area buffer is not included as part of this work, except where an exploration location is identified. Please refer to Table 1 for further information regarding mitigation/restoration for critical area buffer edges.

- F. Use of pesticides, insecticides and fertilizers within 150 feet of the edge of the stream buffer shall be in accordance with the City of Bellevue's "Environmental Best Management Practices," now or as hereafter amended. (Ord. [5680](#), 6-26-06, § 3)

No pesticides, insecticides or fertilizers will be used in support of the exploration work.

Streams

LUC 20.25H.055.C.2

See Wetland LUC 20.25H.055.C.2 Performance Standard Response and Table 1 for further information.

LUC 20.25H.080.A

A. General.

Development on sites with a type S or F stream or associated critical area buffer shall incorporate the following performance standards in design of the development, as applicable:

1. Lights shall be directed away from the stream.

Work is expected to be conducted during daylight hours. In the event that nighttime work is required, lights will be directed away from the wetland to the extent possible.

2. Activity that generates noise such as parking lots, generators, and residential uses shall be located away from the stream or any noise shall be minimized through use of design and insulation techniques.

Noise generating equipment will be moved to the furthest extent possible away from the stream. Please refer to Table 1 for further noise impact information related to construction of the East Link Extension project.

3. Toxic runoff from new impervious area shall be routed away from the stream.

No new impervious area is included as part of the proposed exploration work. Borings will be backfilled per Washington State Department of Ecology regulations. Typically the backfill consists of low permeability bentonite or a cement-bentonite mixture. Impacted surfaces will be seeded for restoration. Treated water

may be allowed to enter the stream critical area buffer. Please refer to Table 1 for further impervious area runoff information related to construction of the East Link Extension project.

4. The outer edge of the stream critical area buffer shall be planted with dense vegetation to limit pet or human use.

Any impacts associated to the proposed work will be restored to near pre-exploration condition, or to the extent possible. Disturbed vegetated areas will be stabilized with the appropriate BMPs prior to work beginning and seeded upon completion. Alteration to the existing outer edge of the stream critical area buffer is not included as part of this work, except where an exploration location is identified. Please refer to Table 1 for further information regarding mitigation/restoration for critical area buffer edges.

5. Use of pesticides, insecticides and fertilizers within 150 feet of the edge of the stream critical area buffer shall be in accordance with the City of Bellevue's "Environmental Best Management Practices," now or as hereafter amended.

No pesticides, insecticides or fertilizers will be used in support of the exploration work.

LUC 20.25H.080.B

B. Modification of Stream Channel.

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work.

1. When Allowed. A stream channel shall not be modified by relocating the open channel, or by closing the channel through pipes or culverts unless in connection with the following uses allowed under LUC 20.25H.055:

- a. A new or expanded utility facility or system;

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

- b. A new or expanded essential public facility;

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

- c. Public flood control measures

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

d. In-stream structures;

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

e. New or expanded public right-of-way, private roads, access easements or driveways;

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

f. Habitat improvement project; or

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

g. Reasonable use exception; provided, that a modification may be allowed under this section for a reasonable use exception only where the applicant demonstrates that no other alternative exists to achieve the allowed development.

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work in support of the design of a new essential public facility, East Link Extension project.

A critical areas report may not be used to modify the uses set forth in this subsection B.1

No alteration to the uses set forth in subsection B.1 are proposed.

2. Critical Areas Report required. Any proposal to modify a stream channel under this section may be approved only through a critical areas report.

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work. Please see Table 1 for the appropriate FEIS reference section for this item as it relates to construction of the East Link Extension project.

3. Relocation of Closed Stream Channel. Any proposal to relocate an existing closed stream channel may be approved only through a critical areas report. (Ord. 5680, 6-26-06, 3)

Modification of an existing Stream Channel is not included as part of the geotechnical exploration work.

**Table 1 – East Link Project
 City of Bellevue Land Use Code FEIS Reference Chart**

<i>LUC 20.25H.055. C.2 (Wetlands)</i>	<i>Item</i>	<i>FEIS Reference (Section)</i>	<i>FEIS Appendix/Backup Report Reference</i>
...a.i	Existing Infrastructure	2.3.1, 2.3.2, 3.3.2, 3.4.2, 3.5.2, 3.6.2, 3.7.2, 3.8.2, 3.9.1	N.A.
...a.ii	Function/objective of proposed system	1.1.2	N.A.
...a.iii	Alternatives	2.3	N.A.
...a.iv	Cost Analysis	6.2	N.A.
...a.v	Mitigation	4.8.4	Appendix C, Appendix H3, Appendix I
...b.i	Impacts to Critical Areas	2.3.2, 2.5, 4.8.3, 4.8.4	Appendix C, Appendix H3
...b.ii	Disturbance of Critical Areas	4.8.2, 4.8.3, 4.11.2, 4.11.3	Appendix C, Appendix H3
...b.iii	Disturbance of Salmonid Habitat	4.8.3	Appendix H3
...b.iv	Wetland/stream crossings	4.8.3	Appendix H3
...b.v	COB Codes and Standards	N.A.	N.A.
...b.vi	Impact to aquatic systems	4.9.2, 4.9.3, 4.9.4	Appendix H3
...b.vii	Parking	2.3.2	Appendix G1
...b.viii	Mitigation	2.5, 4.8.4	Appendix H3, Appendix I

<i>LUC 20.25H.100 (Wetlands)</i>	<i>Item</i>	<i>FEIS Reference (Section)</i>	<i>FEIS Appendix/Backup Report Reference</i>
...A	Light	N.A.	N.A.
...B	Noise	4.7.3, 4.8.3	Appendix H2
...C	Water Quality	4.9.3, 4.9.4	Appendix H3
...D	Water Quality	4.9.3, 4.9.4	Appendix H3
...E	Wetland Mitigation	2.5, 4.8.4	Appendix I, Appendix H3

...F	Pesticide Use	N.A.	N.A.
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<i>LUC 20.25H.055. C.2 (Streams)</i>	<i>Item</i>	<i>FEIS Reference (Section)</i>	<i>FEIS Appendix/Backup Report Reference</i>
...a.i	Existing Infrastructure	2.3.1, 2.3.2, 3.3.2, 3.4.2, 3.5.2, 3.6.2, 3.7.2, 3.8.2, 3.9.1	N.A.
...a.ii	Function/objective of proposed system	1.1.2	N.A.
...a.iii	Alternatives	2.3	N.A.
...a.iv	Cost Analysis	6.2	N.A.
...a.v	Mitigation	4.8.4, 4.9.4	Appendix C, Appendix H3, Appendix I
...b.i	Impacts to Critical Areas	2.3.2, 2.5, 4.8.3, 4.8.4, 4.9.3, 4.9.4	Appendix C, Appendix H3
...b.ii	Disturbance of Critical Areas	4.8.2, 4.8.3, 4.9.2, 4.9.3, 4.11.2, 4.11.3	Appendix C, Appendix H3
...b.iii	Disturbance of Salmonid Habitat	4.8.3	Appendix H3
...b.iv	Wetland/stream crossings	4.8.3	Appendix H3
...b.v	COB Codes and Standards	N.A.	N.A.
...b.vi	Impact to aquatic systems	4.9.2, 4.9.3, 4.9.4	Appendix H3
...b.vii	Parking	2.3.2	Appendix G1
...b.viii	Mitigation	2.5, 4.8.4, 4.9.4	Appendix H3, Appendix I

<i>LUC 20.25H.080. A (Streams)</i>	<i>Item</i>	<i>FEIS Reference (Section)</i>	<i>FEIS Appendix/Backup Report Reference</i>
...1	Light	N.A.	N.A.
...2	Noise	4.7.3, 4.8.3	Appendix H2
...3	Hazardous Waste	4.9.3, 4.9.4	Appendix H3
...4	Water Quality	4.9.3, 4.9.4	Appendix H3

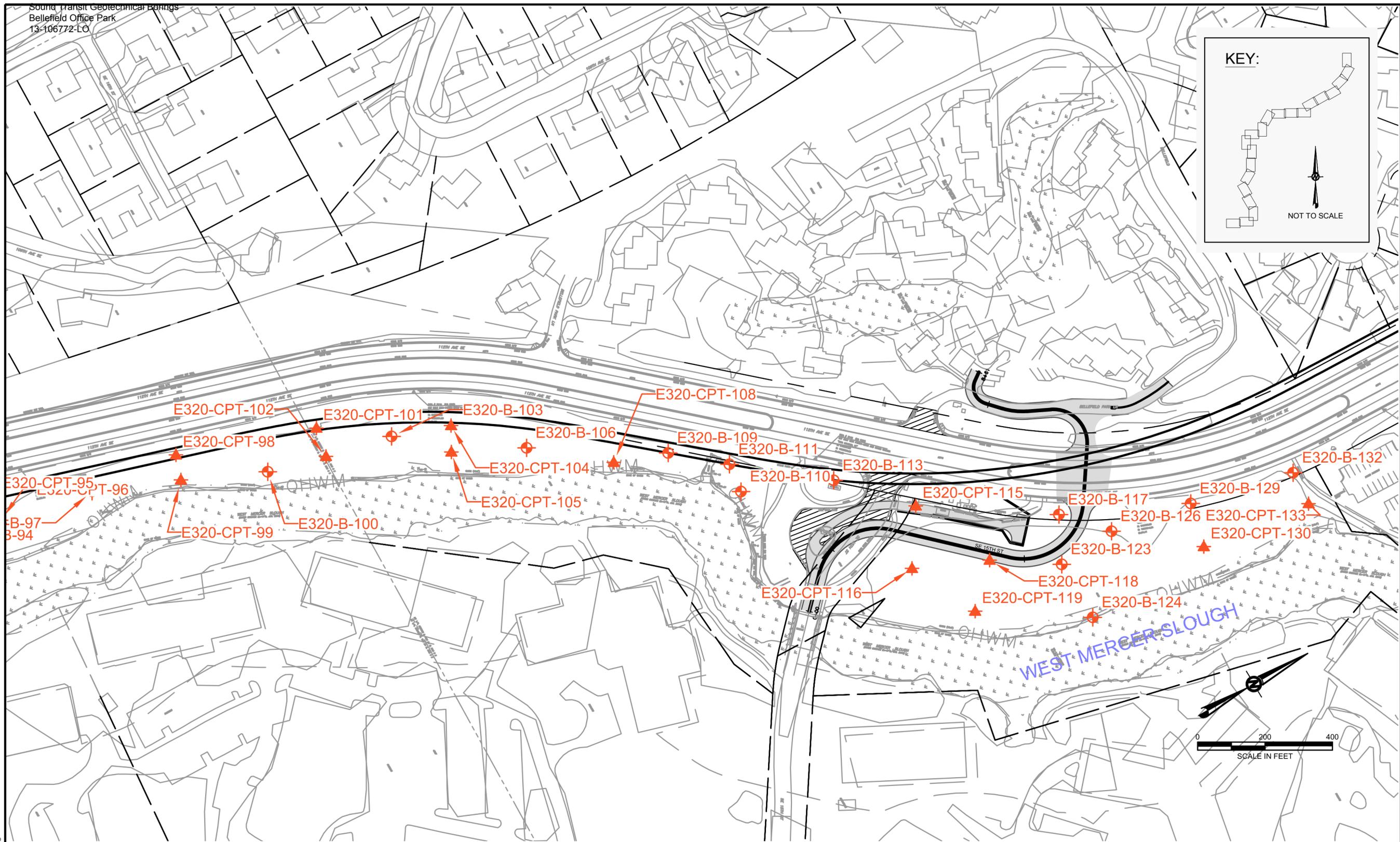
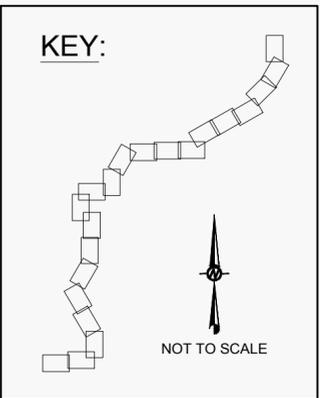
Sound Transit Geotechnical Borings
 Bellefield Office Park
 13-106772-LO

...5	Stream Mitigation	2.5, 4.8.4, 4.9.4	Appendix I, Appendix H3
...6	Pesticide Use	N.A.	N.A.

<i>LUC 20.25H.080. B (Streams)</i>	<i>Item</i>	<i>FEIS Reference (Section)</i>	<i>FEIS Appendix/Backup Report Reference</i>
...1.a	Soils and geology	N.A.	N.A.
...1.b	Grading	N.A.	N.A.
...1.c	Drainage	N.A.	N.A.
...1.d	Construction impacts	N.A.	N.A.
...1.e	Air Quality	N.A.	N.A.
...1.f	Water quality	N.A.	N.A.
...1.g	Water discharge	N.A.	N.A.
...2	View impairments	N.A.	N.A.
...3	Energy consumption	N.A.	N.A.

Attachment A

East Link Phase 2 Proposed Exploration Sites



SOURCE:

1. TOPOGRAPHY FROM FILES PROVIDED BY H-J-H.
2. BORINGS FROM SHANNON & WILSON, JUNE, 2012.

LEGEND:

PROPOSED BORING SITE

NOT FOR CONSTRUCTION

A	MM-DD-YY	XXX	XXX	XXX	DESCRIPTION
No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: XXX
DRAWN BY: XXX
CHECKED BY: XXX
APPROVED BY: XXX

SUBMITTED BY:	DATE:	APPROVED BY:	DATE:

FINAL DESIGN PARTNERS.

SOUNDTRANSIT

SCALE: _____

FILENAME: _____

CONTRACT UNIT (CUD): _____

DATE: _____

**LINK LIGHT RAIL PROJECT
 EAST CORRIDOR
 BELLEVUE TO REDMOND
 EAST LINK PHASE 2
 PROPOSED EXPLORATION SITES**

DRAWING No.:	
SHEET No.:	REV: A
F-06	

Attachment B

Detailed Information Packages for Proposed Explorations

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
E320-CPT-92**

1. Work Area

- a. Exploration designated E320-CPT-92 is in a forested area on City of Bellevue Right of Way adjacent to 112th Avenue SE. Exploration location is shown on the enclosed Exploration Plan. The location of the exploration is approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of exploration planned at this site is a cone penetration test (CPT). The exploration is planned to be 50 feet deep and 2 inches in diameter. In this test, steel rods with attached instruments are pushed into the ground and measurements are taken as the rods advance. Soil samples and cuttings are not produced using this exploration method.

3. Schedule

- a. This exploration is expected to take 0.5 to 1 days to complete.

3. Direction of Work

- a. This permit application is for one exploration. Direction of work is not applicable.

4. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings are not generated with this type of exploration. The surface will be returned, as close as practical, to pre-exploration condition prior to completion of work.

5. Site Access

- a. E320-CPT-92 will be accessed from 112th Avenue SE, north of the CPT work site. CPTs included on separate ROW permits will be advanced prior to moving the rig to this location.

6. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is required for CPT rig drop-off and pick-up. The traffic control plan is attached.

7. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. All contaminated materials will be disposed of at an appropriate disposal facility.

8. Vegetation Removal

- a. Site reconnaissance indicated that this site would require tree trimming, brush clearing, and fallen log removal to create a roughly 10-foot-wide path for CPT rig access and 14-foot-wide work zone prior to rig mobilization to the site. Vegetation limbs cut will be less than 4 inches in diameter. Vegetation disturbance will be reduced to the extent practical. Trees and shrubs that are disturbed as a part of establishing access will not have their roots removed. Cut vegetation will be spread across the access trail, CPT location, and disturbed soils after completing the exploration.

9. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

10. Unexpected Discovery Procedures

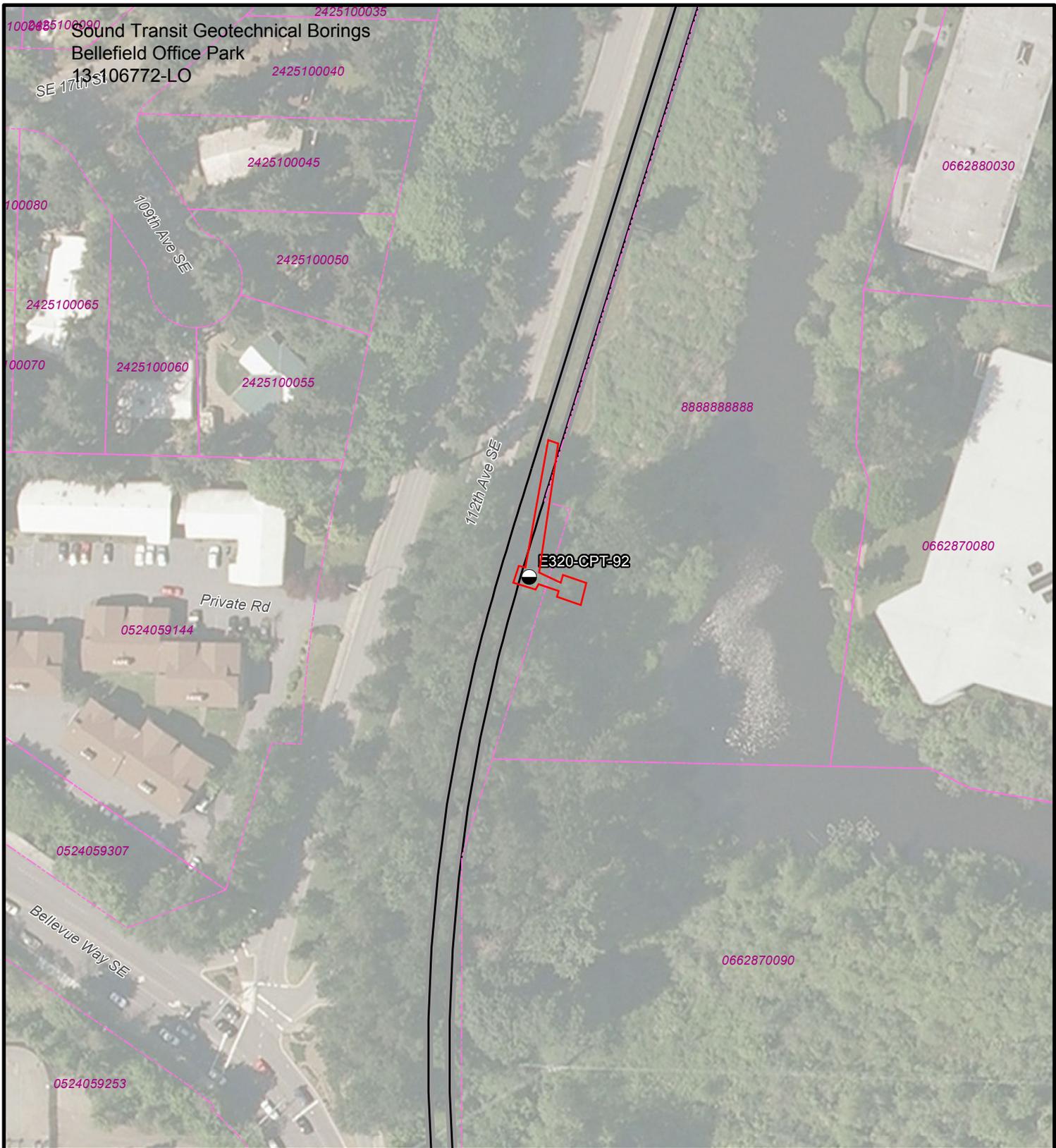
- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed CPT E320-CPT-92 marked with field representative.



Figure 2: Point of access for E320-CPT-92.



LEGEND

Area of Temporary Disturbance

Exploration

CPT



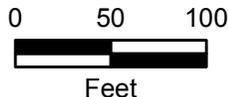
Alignment



Parcel



KC TAX ID



Sound Transit East Link
Bellevue, WA

EXPLORATION PLAN

November 2012

21-1-21720-001

SHANNON & WILSON, INC.
GEO TECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 3

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
PARCEL # 066288TRC1 (PRIVATE)
EL150
E320-CPT-93**

1. Work Area

- a. Exploration designated E320-CPT-93 is on private property known as the Mercer Slough Nature Park (EL150), a forested area east of the City of Bellevue Right of Way (ROW) near 112th Avenue SE and west of Mercer Slough. The exploration location is shown on the enclosed Exploration Plan. The location of the exploration is approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of exploration planned at this site is a cone penetration test (CPT). The exploration is planned to be 50 feet deep and 2 inches in diameter. In this test, steel rods with attached instruments are pushed into the ground and measurements are taken as the rods advance. Soil samples and cuttings are not produced using this exploration method.

3. Schedule

- a. These explorations are expected to take 0.5 to 1 days to complete.

3. Direction of Work

- a. This permit application is for one exploration. Direction of work is not applicable.

4. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings are not generated with this type of exploration. The surface will be returned, as close as practical, to pre-exploration condition prior to completion of work.

5. Site Access

- a. E320-CPT-93 will be accessed through City of Bellevue ROW from 112th Avenue SE, north of the CPT work site. CPTs included on separate ROW permits will be advanced prior to moving the rig to this location.

6. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is required for CPT rig drop-off and pick-up. The traffic control plan is attached.

7. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.

- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. All contaminated materials will be disposed of at an appropriate disposal facility.

8. Vegetation Removal

- a. Site reconnaissance indicated that this site would require tree trimming, brush clearing, and fallen log removal to create a roughly 10-foot-wide path for CPT rig access and 14-foot-wide work zone prior to rig mobilization to the site. Vegetation limbs cut will be less than 4 inches in diameter. Vegetation disturbance will be reduced to the extent practical. Trees and shrubs that are disturbed as a part of establishing access will not have their roots removed. Cut vegetation will be spread across the access trail, CPT location, and disturbed soils after completing the exploration.

9. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

10. Unexpected Discovery Procedures

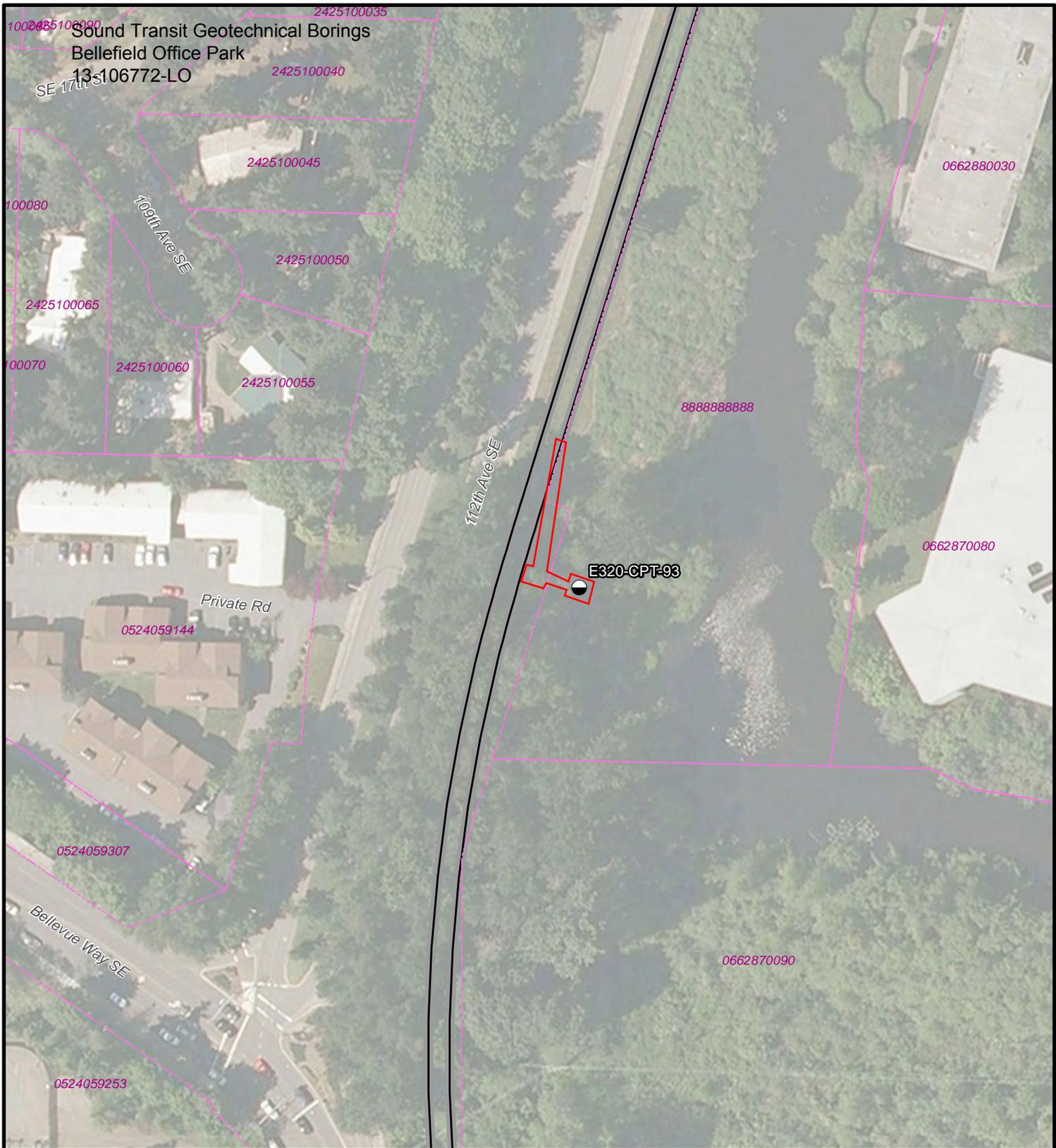
- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed CPT E320-CPT-93 marked with orange arrow.



Figure 2: Point of access for E320-CPT-93.

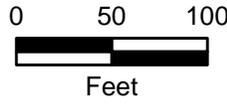


LEGEND Area of Temporary Disturbance

Exploration
CPT
●

Alignment
—

Parcel
KC TAX ID



Sound Transit East Link
Bellevue, WA

EXPLORATION PLAN

November 2012 21-1-21720-001

SHANNON & WILSON, INC.
GEO TECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 3

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
PARCEL # 066288TRC1 (PRIVATE)
EL150
E320-B-94, E320-B-97, E320-B-100,
E320-B-103, E320-B-106, and E320-B-110**

1. Work Area

- a. Explorations designated E320-B-94, E320-B-97, E320-B-100, E320-B-103, E320-B-106, and E320-B-110 are on private property known as the Mercer Slough Nature Park (EL150). The property is located west of Mercer Slough, east of 112th Avenue NE, and south SE 15th Street. The locations are shown on the enclosed Exploration Plan. The exploration locations as shown on the following pages are approximate and may be moved once underground utilities are located.

2. Work Description

- a. A geotechnical boring is planned at each exploration location. The explorations are planned to be 50 feet deep, 8 inches in diameter, and will be constructed using a combination of hollow stem auger and mud-rotary drilling techniques. Piezometers will be installed in borings E320-B-94, E320-B-97, E320-B-100, E320-B-103, and E320-B-106.

3. Schedule

- a. Each exploration is expected to take 1 day to complete. The explorations are expected to take a total of 6 to 7 days to complete.

4. Direction of Work

- a. This permit application is for multiple explorations. Work will generally progress from north to south.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings from the drilling operation will be drummed and removed from the site. Caution will be used by the drillers and site personnel to prevent unnecessary tracking of soil outside the work zone. Straw will be spread across exposed soil. Grass seed will be spread over lawn disturbed while moving between sites. The work zone surface will be returned, as close as practical, to pre-drilled condition prior to completion of work.

6. Site Access

- a. These borings will be drilled using a track-mounted drill rig that will be dropped off from a trailer on the turn-around on SE 15th Street. A truck and trailer will be parked in the turn-around for the duration of drilling. Two additional trucks will be parked in the turn-

around during work hours. The drill rig will track between boring locations on grass on or near the City of Bellevue right of way.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is not required for drilling at these sites. Borings included on separate ROW permits will be advanced after drilling at these locations.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. Contaminated materials will be disposed of at an appropriate disposal facility.

9. 'Xgi gvcvkqp Removal

- a. Site reconnaissance indicated that these sites would require brush and blackberry clearing and tree branch trimming to create an 8-foot-wide path for drill rig access and 12-foot-wide by 20-foot-long work zone around the boring locations. Vegetation disturbance will be reduced to the extent practical. Vegetation limbs cut will be less than 4 inches in diameter. Blackberries and shrubs that are disturbed as a part of establishing access will not have their roots removed. Straw and cut vegetation will be spread across the access path, boring location, and disturbed soils after completing the borings.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed boring E320-B-94 in blackberries near orange arrow about 50 feet east of the edge of blackberries.



Figure 2: Approximate location of proposed boring E320-B-97 in blackberries near orange arrow about 30 feet east of the edge of blackberries.



Figure 3: Approximate location of proposed boring E320-B-100 in blackberries near orange arrow about 50 feet east of the edge of blackberries.



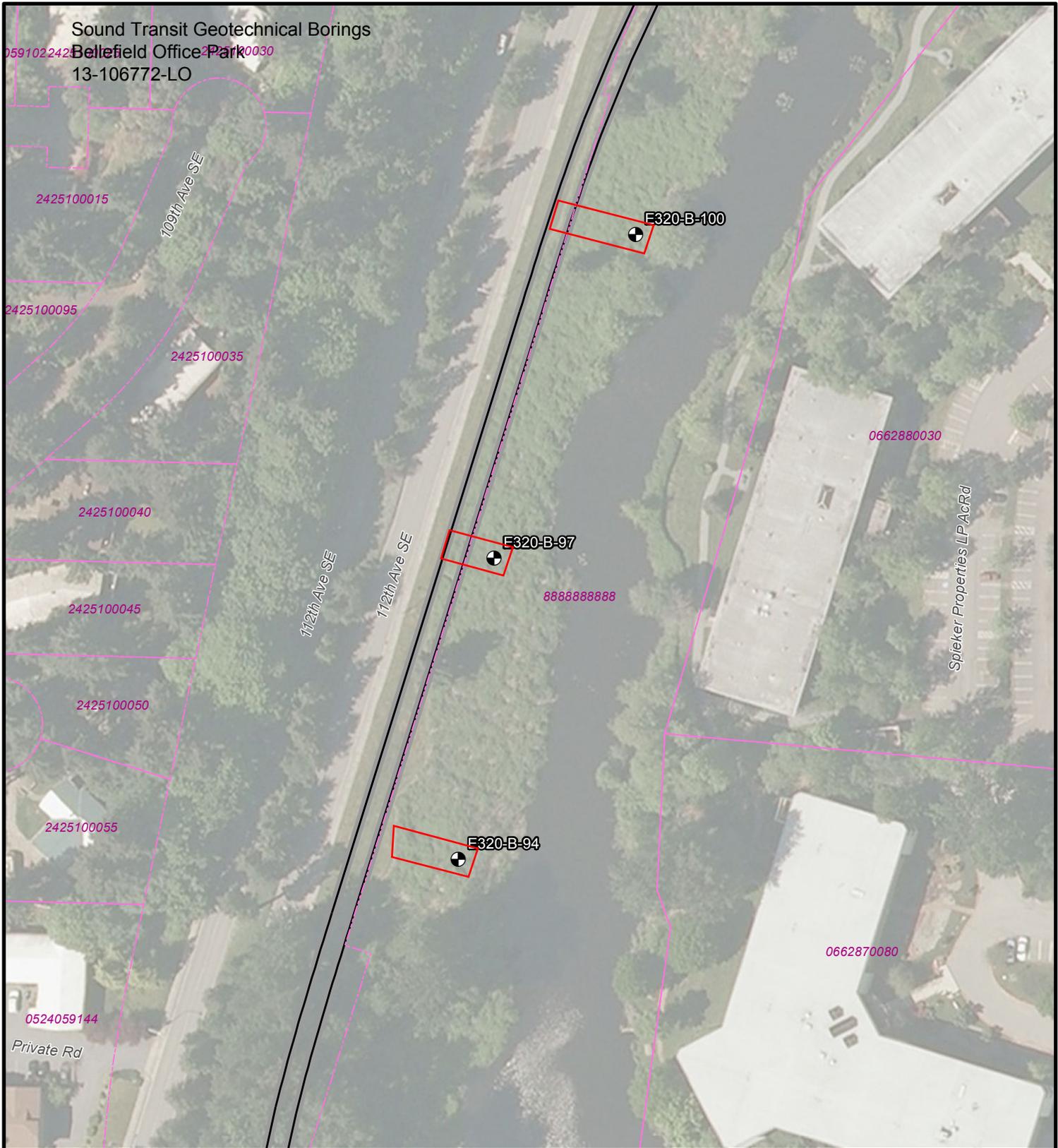
Figure 4: Approximate location of proposed boring E320-B-103 near orange arrow about 5 feet east of the edge of blackberries.



Figure 5: Approximate location of proposed boring E320-B-106 near orange arrow, about 40 feet east of the edge of blackberries.



Figure 6: Approximate location of proposed boring E320-B-110 near orange arrow, about 50 feet east of the edge of blackberries.



LEGEND Area of Temporary Disturbance

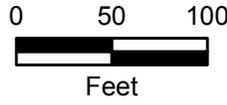
Exploration Boring



Alignment



Parcel



Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012 21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 7
 Sheet 1 of 2



LEGEND

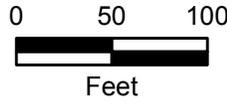
Exploration Boring



Alignment



Parcel



Area of Temporary Disturbance

Sound Transit East Link
 Bellevue, WA

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FIG. 7
 Sheet 2 of 2

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
E320-CPT-95 and E320-CPT-98**

1. Work Area

- a. Explorations designated E320-CPT-95 and E320-CPT-98 are south of SE 15th Street, on City of Bellevue Right of Way along 112th Avenue SE, and west of Mercer Slough. The exploration locations are shown on the enclosed Exploration Plan. The locations of the explorations are approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of exploration planned at these sites is the cone penetration test (CPT). The explorations are planned to be 50 feet deep and 2 inches in diameter. In this test, steel rods with attached instruments are pushed into the ground and measurements are taken as the rods advance. Soil samples and cuttings are not produced using this exploration method.

3. Schedule

- a. These explorations are expected to take 0.5 to 1 day to complete.

3. Direction of Work

- a. This permit application is for multiple explorations. Work will generally proceed from south to north.

4. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings are not generated with this type of exploration. The surface will be returned, as close as practical, to pre-exploration condition prior to completion of work. Grass seed will be spread over lawn disturbed while moving to and from this site.

5. Site Access

- a. CPTs will be accessed from 112th Ave SE near E320-CPT-95. The CPT rig will track between exploration locations along City of Bellevue right of way, to the extent practical.

6. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan will be required for rig drop-off and pick-up. A site specific traffic control plan is attached for brief closures of the northbound curb lane of 112th Ave SE for equipment loading and unloading on the start and stop dates for these explorations.

7. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. All contaminated materials will be disposed of at an appropriate disposal facility.

8. Vegetation Removal

- a. Site reconnaissance indicated that this site would not require tree trimming or removal.

9. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

10. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed E320-CPT-95 marked with the orange arrow.



Figure 2: Approximate location of proposed exploration E320-CPT-98. E320-CPT-98 is located at about the edge of the blackberry bushes. View is looking east.

Sound Transit Geotechnical Borings
 Bellefield Office Park
 13-106772-LO



LEGEND

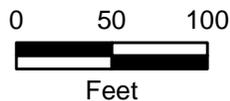
Exploration
 CPT



Alignment



Parcel



Area of Temporary Disturbance

Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012

21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 3

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
PARCEL # 066288TRC1 (PRIVATE)
EL150
E320-CPT-96, E320-CPT-99,
E320-CPT-101, E320-CPT-102,
E320-CPT-104, E320-CPT-105,
and E320-CPT-108**

1. Work Area

- a. Explorations designated E320-CPT-96, E320-CPT-99, E320-CPT-101, E320-CPT-102, E320-CPT-104, E320-CPT-105, and E320-CPT-108 are located on private property known as the Mercer Slough Nature Park (EL150). The property is located south of SE 15th Street, east of City of Bellevue Right of Way along 112th Avenue SE, and west of Mercer Slough. Exploration locations are shown on the enclosed Exploration Plan. The locations of the explorations are approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of exploration planned at these sites is the cone penetration test (CPTs). CPTs will be performed using a track-mounted CPT rig. The explorations are planned to be 40 to 50 feet deep and 2 inches in diameter. In this test, steel rods with attached instruments are pushed into the ground and measurements are taken as the rods advance. Soil samples and cuttings are not produced using this exploration method.

3. Schedule

- a. These explorations are expected to take 1.5 to 2 days to complete.

3. Direction of Work

- a. This permit application is for multiple explorations. Work will generally proceed from south to north.

4. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings are not generated with this type of exploration. Straw will be spread across exposed soil. Grass seed will be spread over lawn disturbed while moving between sites. The work zone surface will be returned, as close as practical, to pre-drilled condition prior to completion of work.

5. Site Access

- a. CPTs will be accessed from 112th Ave SE near E320-CPT-96. The CPT rig will track between exploration locations along City of Bellevue right of way, to the extent practical.

6. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan will be required for rig drop off and pick up. A site specific traffic control plan is attached for brief closures of the northbound curb lane of 112th Ave SE for equipment loading and unloading on the start and stop dates for these explorations.

7. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. All contaminated materials will be disposed of at an appropriate disposal facility.

8. Vegetation Removal

- a. Site reconnaissance indicated that E320-CPT-96, E320-CPT-99, E320-CPT-102, E320-CPT-104, E320-CPT-105, and E320-CPT-108 would require shrub and blackberry clearing and tree limb trimming to create a roughly 10-foot-wide path for CPT rig access and 14-foot-wide work zone prior to rig mobilization to the site. Vegetation limbs cut will be less than 4 inches in diameter. Vegetation disturbance will be reduced to the extent practical. Shrubs and blackberries that are disturbed as a part of establishing access will not have their roots removed. Cut vegetation will be spread across the access trail and work zone after completing the exploration.

9. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

10. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed exploration E320-CPT-96 about 15 feet east of edge of blackberry bushes. View is looking east.



Figure 2: Approximate location of proposed exploration E320-CPT-99. E320-CPT-99 is about 40 feet east of the edge of blackberry bushes. View is looking east.



Figure 3: Approximate locations of proposed explorations E320-CPT-101 and E320-CPT-102. E320-CPT-101 is at the edge of blackberry bushes; E320-CPT-102 is about 45 feet east of E320-CPT-101. View is looking east.

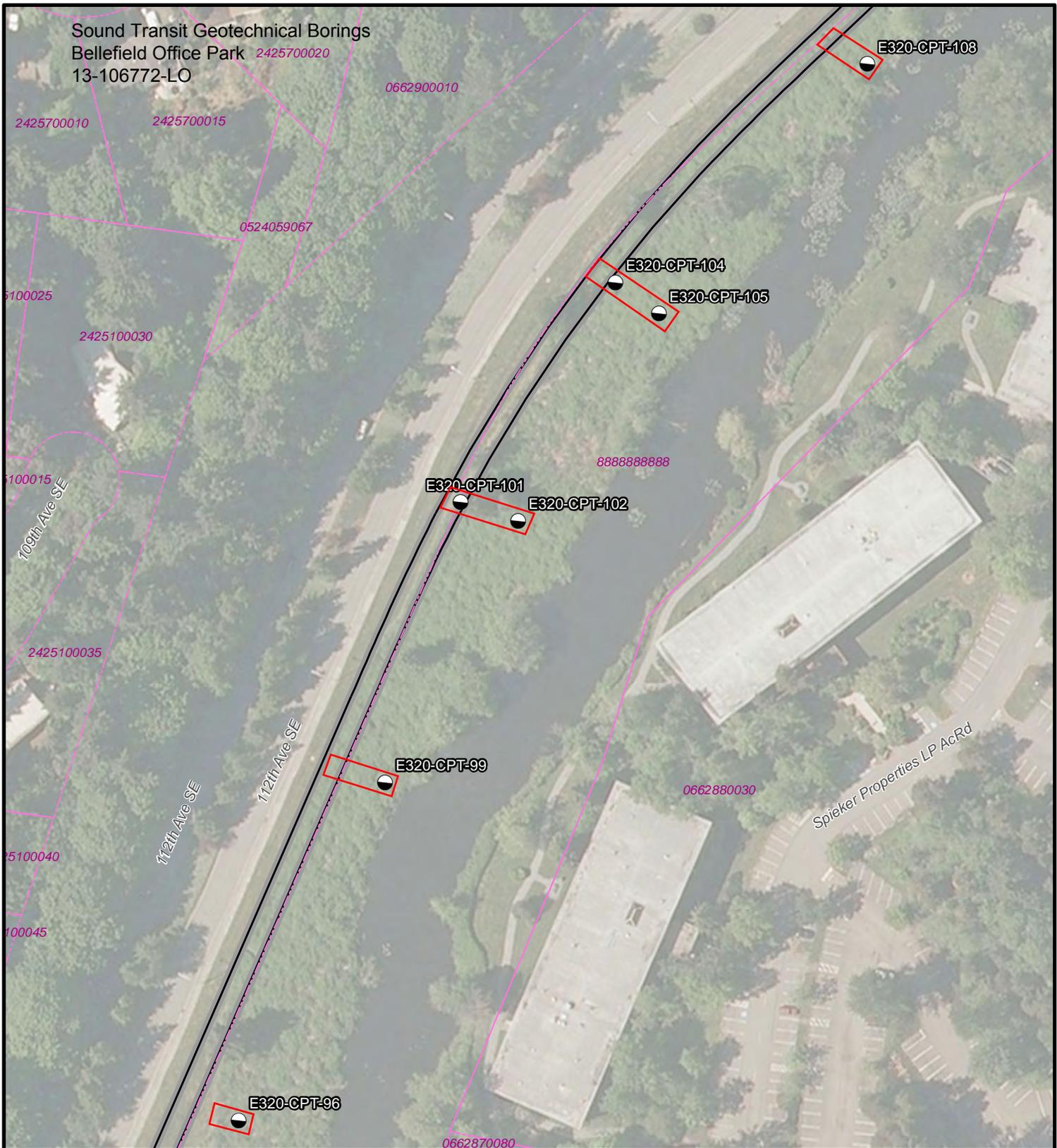


Figure 4: Approximate locations of proposed explorations E320-CPT-104 and E320-CPT-105. E320-CPT-104 is about 45 feet east of the sidewalk; E320-CPT-105 is about 85 feet east of the sidewalk. View is looking east.



Figure 5: Approximate location of proposed exploration E320-CPT-108, about 25 feet east of the sidewalk. View is looking east.

Sound Transit Geotechnical Borings
 Bellefield Office Park 2425700020
 13-106772-LO



LEGEND

Area of Temporary Disturbance

Exploration

CPT



Alignment



Parcel



KC TAX ID



0 50 100



Feet

Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012

21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 6

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
E320-B-109**

1. Work Area

- a. Exploration designated E320-B-109 is located on City of Bellevue right of way (ROW) between Mercer Slough and 112th Avenue SE, south of SE 15th Street. The location is shown on the enclosed Exploration Plan. The location of the exploration as shown on the following pages is approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of exploration planned at this site is a geotechnical boring. The exploration is planned to be 50 feet deep, 8 inches in diameter, and will be constructed using a combination of hollow stem auger and mud-rotary drilling techniques. A piezometer will be installed at this site.

3. Schedule

- a. This exploration is expected to take 1 day to complete.

4. Direction of Work

- a. This permit application is for a single exploration. Direction of work is not applicable.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings from the drilling operation will be drummed and removed from the site. Caution will be used by the drillers and site personnel to prevent unnecessary tracking of soil outside the work zone. Straw will be spread across exposed soil. The work zone surface will be returned, as close as practical, to pre-drilled condition prior to completion of work.

6. Site Access

- a. This boring will be drilled using either a track-mounted drill rig or hand-portable, difficult access rig that will be dropped off from a trailer on the turn-around on SE 15th Street and moved to the boring location along City of Bellevue ROW. A truck and trailer will be parked in the turn-around during drilling operations. Two additional trucks will be parked in the turn-around during work hours.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is not required for drilling at this site.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. Contaminated materials will be disposed of at an appropriate disposal facility.

9. Vegetation Removal

- a. Site reconnaissance indicated that this site would require blackberry clearing and tree branch trimming for drill rig access and overhead clearance. If we drill using a track-mounted drill rig, a 12-foot by 20-foot work zone will be cleared, if we drill using a hand-portable difficult access rig a 12-foot by 12-foot work zone will be cleared. Vegetation disturbance will be reduced to the extent practical. Blackberries that are disturbed as a part of establishing access will not have their roots removed. Straw and cut vegetation will be spread across the access path, work zone, and disturbed soils after completing the boring.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed boring E320-B-109 marked with orange arrow.

Sound Transit Geotechnical Borings
 Bellefield Office Park
 13-106772-LO



LEGEND Area of Temporary Disturbance

Exploration Boring

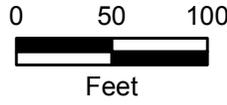


 Alignment



Parcel

 KC TAX ID



Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012 21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 2

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION,
E320-B-111 and E320-B-113**

1. Work Area

- a. Explorations designated E320-B-111 and E320-B-113 are within the City of Bellevue right-of-way (ROW) east of the east sidewalk along 112th Avenue NE, and south of the intersection with SE 15th Street. The locations are shown on the enclosed Exploration Plan. The locations of the explorations as shown on the following pages are approximate and may be moved once underground utilities are located.

2. Work Description

- a. Geotechnical borings are planned for these explorations. The explorations are planned to be 50 feet deep, 8 inches in diameter, and will be constructed using a combination of hollow stem auger and mud-rotary drilling techniques. No well or piezometer will be installed at these sites.

3. Schedule

- a. Each exploration is expected to take 1 day to complete. The explorations are expected to take a total of 2 days to complete.

4. Direction of Work

- a. This permit application is for multiple explorations. Work will generally progress from north to south.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings from the drilling operation will be drummed and removed from the site. Caution will be used by the drillers and site personnel to prevent unnecessary tracking of soil outside the work zone. Grass seed will be spread in areas where lawn was disturbed during work. The work zone surface will be returned, as close as practical, to pre-drilled condition prior to completion of work.

6. Site Access

- a. These borings will be drilled using a track-mounted drill rig. Access will be from the turn-around on SE 15th Street. The drill rig will track between boring locations along City of Bellevue right of way. Two trucks and a trailer will park in the turn-around while drilling is in progress.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. Delineators will be used to define a work zone around the drill rig. A traffic control plan is not required for drilling at these sites.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. Contaminated materials will be disposed of at an appropriate disposal facility.

9. Vegetation Removal

- a. Site reconnaissance indicated that this site would not require tree trimming or removal. Grass seed will be dispersed in areas disturbed during work at the site.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed boring E320-B-111 marked with orange arrow.



Figure 2: Approximate location of proposed boring E320-B-113 marked with orange arrow.

Sound Transit Geotechnical Borings
 Bellefield Office Park
 13-106772-LO



LEGEND

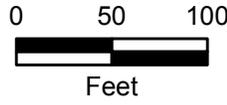
Exploration Boring

Area of Temporary Disturbance

Alignment

Alignment

Parcel
 KC TAX ID



Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012 21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 3

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
PARCEL # 066288TRC3 (PRIVATE)
EL154
E320-CPT-115, E320-CPT-116,
E320-CPT-118, E320-CPT-119,
E320-CPT-130, and E320-CPT-
133**

1. Work Area

- a. Explorations designated E320-CPT-115, E320-CPT-116, E320-CPT-118, E320-CPT-119, E320-CPT-130, and E320-CPT-133 are on private property known as the Mercer Slough Nature Park (EL154). The property is located east of 112th Avenue SE, west of Mercer Slough, and north of SE 15th Street. Exploration locations are shown on the enclosed Exploration Plan. The locations of the explorations are approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of explorations planned at these sites are cone penetration tests (CPTs). CPTs will be performed using a track-mounted CPT rig. The explorations are planned to be 40 to 60 feet deep and 2 inches in diameter. In this test, steel rods with attached instruments are pushed into the ground and measurements are taken as the rods advance. Soil samples and cuttings are not produced using this exploration method.

3. Schedule

- a. These explorations are expected to take 1.5 to 2 days to complete.

4. Direction of Work

- a. This permit application is for multiple explorations. Work will generally proceed from south to north.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings are not generated with this type of exploration. The surface will be returned, as close as practical, to pre-exploration condition prior to completion of work.

6. Site Access

- a. The CPTs will be accessed from the turn-around on SE 15th Street. The CPT rig will track between exploration locations, along City of Bellevue right of way and through areas covered with shrubs and blackberries.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. A truck and trailer will be parked in the turn-around on SE 15th Street for the duration of drilling. Two additional trucks will be parked in the turn-around during work hours. A traffic control plan is not required for CPTs at these sites.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. All contaminated materials will be disposed of at an appropriate disposal facility.

9. Vegetation Removal

- a. Site reconnaissance indicated that E320-CPT-116, E320-CPT-118, E320-CPT-119, E320-CPT-130, and E320-CPT-133 would require shrub and blackberry clearing and tree limb trimming to create a roughly 10-foot-wide path for CPT rig access and 14-foot-wide work zone prior to rig mobilization to the site. Vegetation limbs cut will be less than 4 inches in diameter. Vegetation disturbance will be reduced to the extent practical. Shrubs that are disturbed as a part of establishing access will not have their roots removed. Cut vegetation will be spread across the access trail, CPT locations, and disturbed soils after completing the exploration.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed exploration E320-CPT-115 marked with orange arrow.



Figure 2: Approximate location of proposed exploration E320-CPT-116 marked with orange arrow. CPT is located about 40 feet northeast edge of blackberries.



Figure 3: Approximate location of proposed CPT E320-CPT-118 marked with orange arrow.
CPT is located about 50 feet southeast of gravel path.



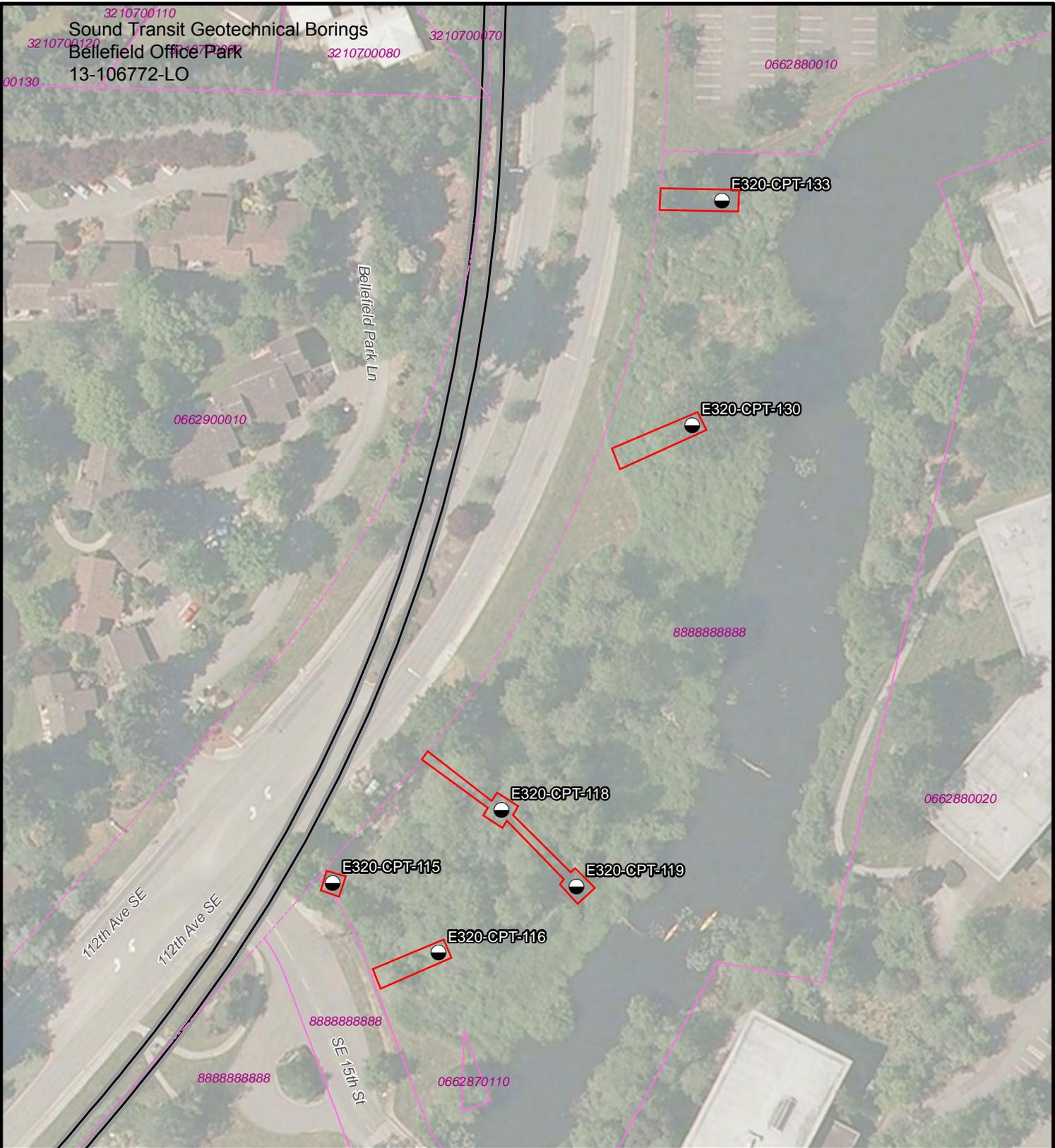
Figure 4: Approximate location of proposed exploration E320-CPT-119 marked with orange arrow. CPT is located about 130 feet southeast of gravel path.



Figure 5: Approximate location of proposed exploration E320-CPT-130 marked with orange arrow. CPT is located about 60 feet east of edge of blackberries.



Figure 6: Approximate location of proposed exploration E320-CPT-133 marked with orange arrow. CPT is located about 15 feet south of gravel path.



LEGEND

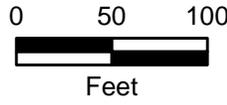
Exploration
CPT
●



Alignment



Parcel



Area of Temporary Disturbance

Sound Transit East Link Bellevue, WA	
EXPLORATION PLAN	
November 2012	21-1-21720-001
SHANNON & WILSON, INC. GEO TECHNICAL AND ENVIRONMENTAL CONSULTANTS	FIG. 7

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
E320-B-117, E320-B-129, and
E320-B-132**

1. Work Area

- a. Explorations designated E320-B-117, E320-B-129, and E320-B-132 are within the City of Bellevue right-of-way (ROW) on grass, east of the east sidewalk along 112th Avenue NE, and north of the intersection with SE 15th Street. The locations are shown on the enclosed Exploration Plan. The locations of the explorations as shown on the following pages are approximate and may be moved once underground utilities are located

2. Work Description

- a. The type of exploration planned at these sites is a geotechnical boring. The explorations are planned to be 50 to 60 feet deep, 8 inches in diameter, and will be constructed using a combination of hollow stem auger and mud-rotary drilling techniques. Piezometers will be installed in borings E320-B-117 and E320-B-132.

3. Schedule

- a. Each exploration is expected to take 1 day to complete. The explorations are expected to take a total of 3 days to complete.

4. Direction of Work

- a. This permit application is for multiple explorations. Work will generally progress from south to north.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings from the drilling operation will be drummed and removed from the site. Caution will be used by the drillers and site personnel to prevent unnecessary disturbance to grass or tracking of soil outside the work zone. Blackberries will be cut to mobilize the track rig from E320-B-129 to E320-B-132. Straw will be spread over disturbed soil in areas currently covered in blackberries. Grass seed will be spread over disturbed soil in grassy areas. The work zone surface will be returned, to the extent practical, to pre-drilled condition prior to completion of work.

6. Site Access

- a. These borings will be drilled using a track-mounted drill rig. Access will be from SE 15th Street, south of the explorations. A truck and trailer will be parked in the turn-around on SE 15th Street for the duration of drilling. Two additional trucks will be parked in the turn-around during work hours. The drill rig will track between boring locations along City of Bellevue right of way. Blackberries will be cleared to mobilize the track rig between E320-B-129 and E320-B132.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is not required for drilling at these sites.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. Contaminated materials will be disposed of at an appropriate disposal facility.

9. Vegetation Removal

- a. Site reconnaissance indicated that tree trimming of minor limbs may be necessary for drilling boring E320-B-132. Trimmed branches will be dispersed in the bushes near the site. Blackberries will be cut to mobilize the track rig from E320-B-129 to E320-B-132. Blackberries that are disturbed as a part of establishing access will not have their roots removed. Cut vegetation will be spread across the access trail after mobilization.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



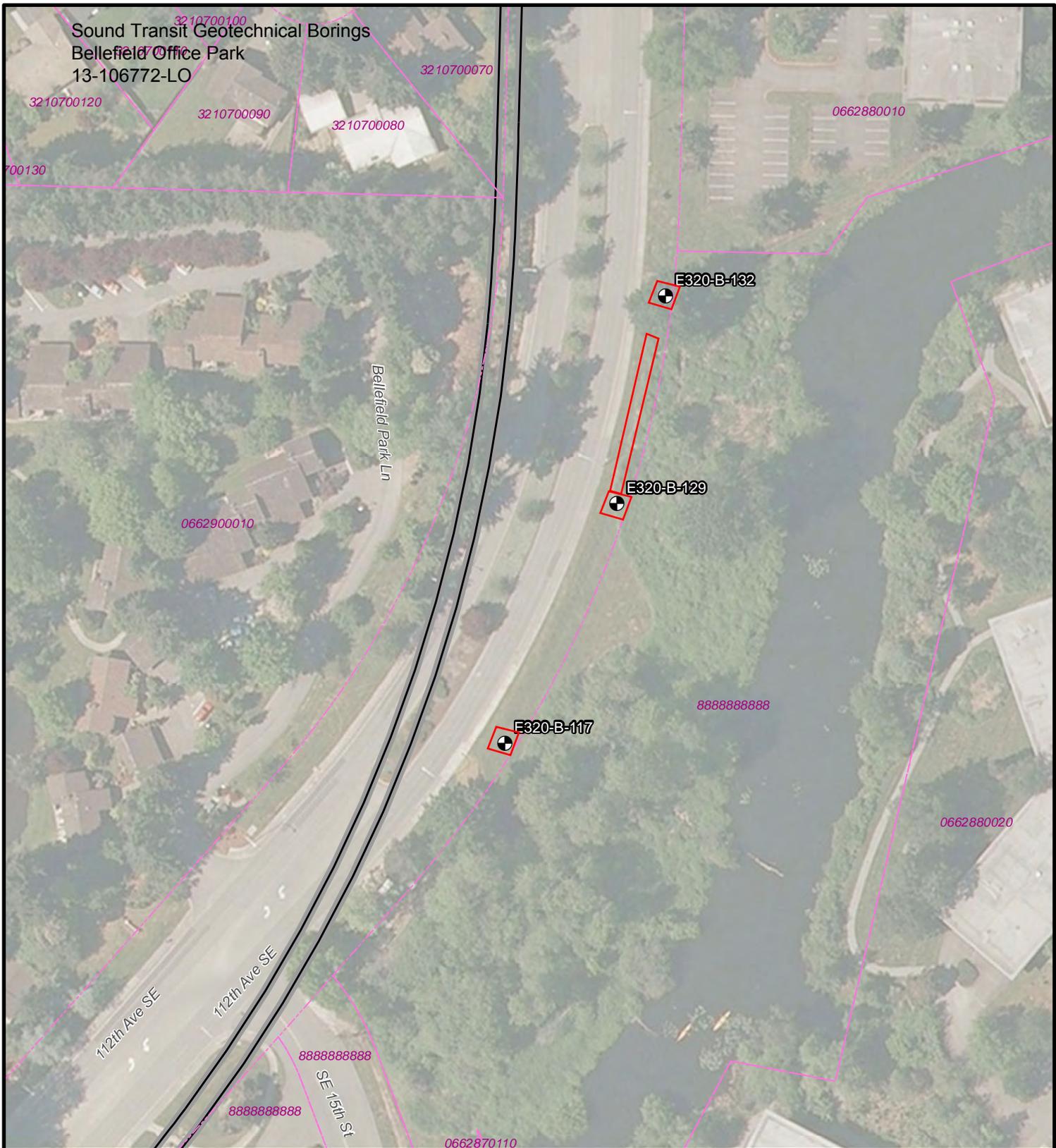
Figure 1: Approximate location of proposed boring E320-B-117 marked with orange arrow.



Figure 2: Approximate location of proposed boring E320-B-129 marked with orange arrow.



Figure 3: Approximate location of proposed boring E320-B-132 marked with field representative.

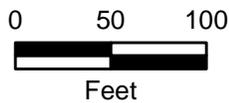


LEGEND Area of Temporary Disturbance

Exploration Boring

Alignment

Parcel



Sound Transit East Link
 Bellevue, WA

EXPLORATION PLAN

November 2012 21-1-21720-001

SHANNON & WILSON, INC.
 GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

FIG. 4

**SOUND TRANSIT/EASTLINK
ROW PERMIT APPLICATION
PARCEL # 066288TRC3 (PRIVATE)
EL154
E320-B-123, E320-B-124, and
E320-B-126**

1. Work Area

- a. Explorations designated E320-B-123, E320-B-124, E320-B-126 are on private property known as the Mercer Slough Nature Park (EL154). The property is located west of Mercer Slough, east of 112th Avenue NE, and north of the intersection with SE 15th Street. The locations are shown on the enclosed Exploration Plan. The locations of the explorations as shown on the following pages are approximate and may be moved once underground utilities are located.

2. Work Description

- a. The type of explorations planned at these sites are geotechnical borings. The explorations are planned to be 40 to 50 feet deep, 8 inches in diameter, and will be constructed using a combination of hollow stem auger and mud-rotary drilling techniques. A piezometer will be installed in boring E320-B-126.

3. Schedule

- a. Each exploration is expected to take 0.5 to 1 day to complete. The explorations are expected to take a total of 2 to 3 days to complete.

4. Direction of Work

- a. This permit application is for multiple explorations. Work will generally progress from south to north.

5. Temporary Erosion and Sediment Control Plan

- a. Soil cuttings from the drilling operation will be drummed and removed from the site. Caution will be used by the drillers and site personnel to prevent unnecessary tracking of soil outside the work zone. Straw will be spread across disturbed soil in area currently covered by blackberries. Grass seed will be spread in areas where lawn is disturbed. The work zone surface will be returned, as close as practical, to pre-drilled condition prior to completion of work.

6. Site Access

- a. This boring will be drilled using a track-mounted drill rig. Access will be from SE 15th Street. A truck and trailer will be parked in the turn-around on SE 15th Street for the duration of drilling. Two additional trucks will be parked in the turn-around during work hours. The drill rig will track through bushes and blackberries between boring locations.

7. Traffic Control Plan

- a. Work will be conducted during daylight hours. A traffic control plan is not required for drilling at these sites.

8. Hazardous Materials Procedures

- a. Hazardous materials are not anticipated to be encountered at this site. If field conditions differ from what is anticipated and field staff identifies soil or groundwater that is possibly contaminated, HJH will be notified immediately.
- b. A spill kit will be available at the work site in the event of a spill of fuel or hydraulic fluid. Contaminated materials will be disposed of at an appropriate disposal facility.

9. Vegetation Removal

- a. Site reconnaissance indicated that access to borings E320-B-123 and E320-B-124 would require brush clearing and tree branch trimming to create an 8-foot-wide path for drill rig access and a 12-foot-wide by 20-foot-long work zone around the boring locations. Vegetation in this area is dense and includes blackberries, shrubs and small trees. Vegetation disturbance will be reduced to the extent practical. Trees, blackberries and shrubs that are disturbed as a part of establishing access will not have their roots removed. Straw and cut vegetation will be spread across the access path, boring locations, and disturbed soils after completing the borings.

10. Communication Plan

- a. Geotechnical consultant Shannon & Wilson will contact Sound Transit Community Outreach anytime Shannon & Wilson personnel or subcontractors will be conducting field work. Shannon & Wilson will communicate the type of work being done, the general location of the work, and the amount of time the work is expected to take. Shannon & Wilson will give at least 72 hours advance notice to the outreach department prior to any drilling work.
- b. Community Outreach will inform adjacent property owners of work in the area prior to drilling. Members of the public seeking specific information about the work and why it is being conducted will be directed to call Blake Jones with the ST Community Outreach Department at (206) 398-5470.

11. Unexpected Discovery Procedures

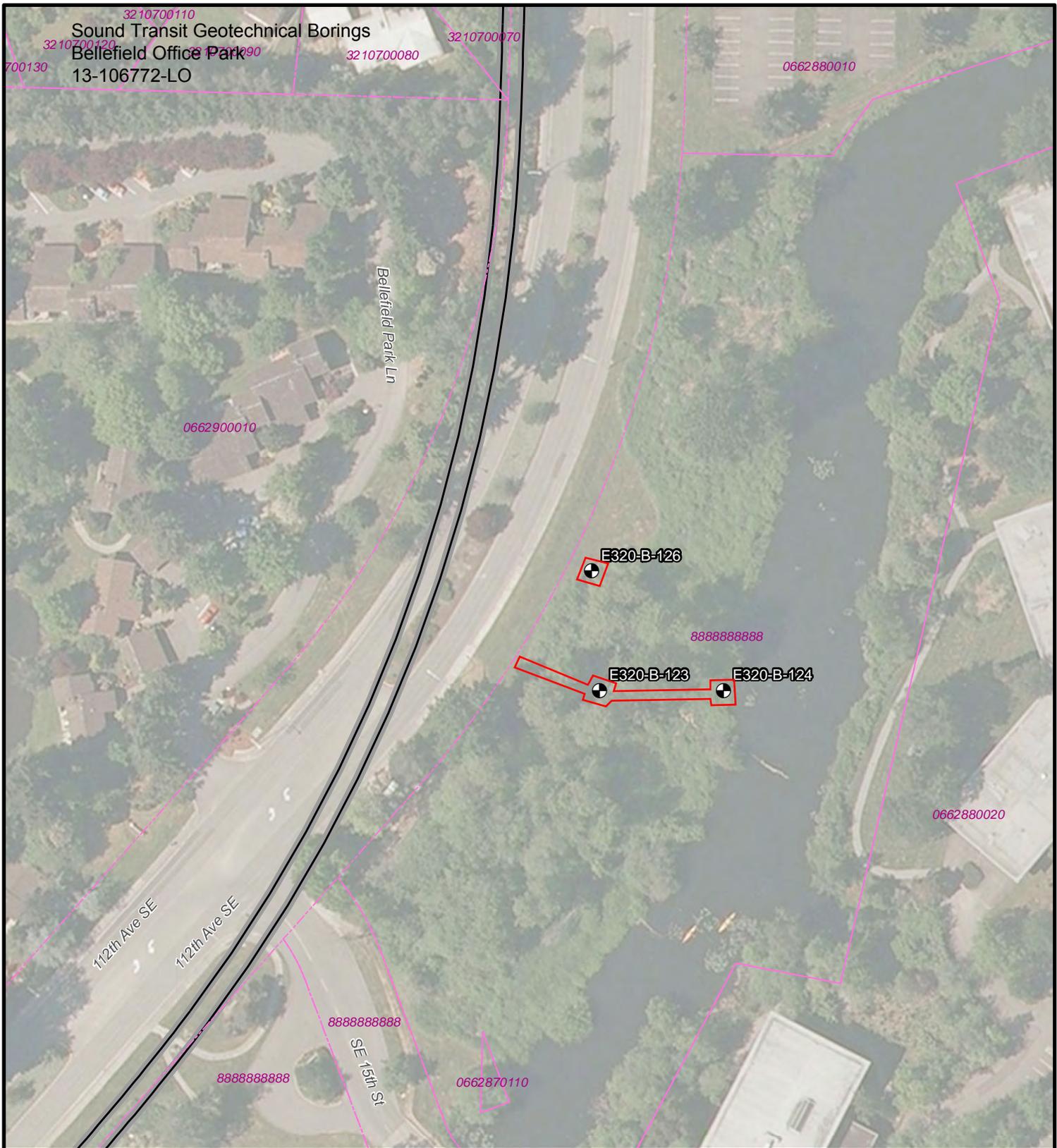
- a. If an unexpected discovery of human remains, bones, pottery or other materials are unearthed, work will be stopped immediately and HJH notified in any case.
- b. If human remains are discovered, the coroner's office and local law enforcement will be notified immediately as stipulated in Revised Code of Washington 68.50.645.
- c. In the event of an unexpected discovery of pottery or other such materials, HJH may designate a qualified person to access the site prior to continuation of work.



Figure 1: Approximate location of proposed borings E320-B-123 (right) and E320-B-124 (left), about 50 and 120 feet east of the edge of bushes, respectively.



Figure 2: Approximate location of proposed boring E320-B-126 at edge of blackberries near orange arrow.

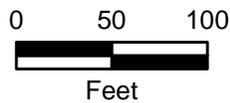


LEGEND Area of Temporary Disturbance

Exploration Boring

Alignment

Parcel
 KC TAX ID



Sound Transit East Link Bellevue, WA	
EXPLORATION PLAN	
November 2012	21-1-21720-001
SHANNON & WILSON, INC. GEO TECHNICAL AND ENVIRONMENTAL CONSULTANTS	FIG. 3

Attachment C

Restoration for Areas of Temporary Disturbance

Requirements Summary

Critical Areas Land Use Permit Application Restoration Plan Requirements Summary

This summary describes how the proposed geotechnical borings will meet the Restoration for Areas of Temporary Disturbance as listed as part of the City of Bellevue Land Use Code, LUC 20.25H.220.H. The project responses to the code requirements are shown below in italicized, bold font.

Restoration Plan

LUC 20.25H.220.H – Restoration for Areas of Temporary Disturbance

The Director may impose conditions for the restoration of areas of temporary disturbance included as part of an approved Critical Areas Land Use Permit or use or development allowed under LUC 20.25H.055, without requiring the restoration plan and other measures described in this section, so long as the following requirements are satisfied:

1. All areas of temporary disturbance shall be identified in the plans approved with the Critical Areas Land Use Permit or allowed use or development and shall be the minimum necessary to allow the completion of the approved use or development. For uses and development involving the repair or renovation of existing structures that can be accessed from non-critical area or critical area buffer, the minimum necessary area of temporary disturbance shall be no greater than 10 feet around the perimeter of the existing structure. Proposals involving areas of greater disturbance shall require a full restoration plan under this section. The Director may impose conditions requiring areas of temporary disturbance to be marked in the field through the use of markers, fencing, or other means;

Areas of temporary disturbance have been identified in the supporting exhibits included as part of Attachment B.

2. The condition of the areas of temporary disturbance existing prior to undertaking any development activity shall be documented with the proposal. The Director may require photographic evidence, site plans showing the size, location and type of existing vegetation, or other materials to document existing conditions;

Pre-existing condition photographs are included as part of Attachment B.

3. The Director shall impose a condition that the area be restored to existing conditions prior to the final approval of the work performed, or within 30 days following completion of the work if no final approval is required; and

Any necessary clearing will be restored through re-vegetation such as hydroseeding to return the area to as close to existing conditions as possible. Please refer to the July 2011 East Link Project Final Environmental Impact Statement for mitigation details related to construction of the East Link Project.

4. The Director shall impose a condition requiring monitoring of the restored area and additional restoration to achieve existing conditions, consistent with subsection D of this section; provided that the Director may reduce the monitoring period to not less than one year from the completion of the original restoration.

Only temporary disturbance is proposed as a part of this application. Disturbed areas will be re-vegetated such as hydroseeding upon completion of the work. Monitoring is not anticipated to be required as a full mitigation plan, including monitoring details, will be supplied prior to construction of the East Link Extension project.