



# STATE ENVIRONMENTAL POLICY ACT (SEPA) DETERMINATION OF NON-SIGNIFICANCE

For more information about this project visit [www.redmond.gov/landuseapps](http://www.redmond.gov/landuseapps)

## PROJECT INFORMATION

**PROJECT NAME:** SR 520 Trail Grade Separation

**SEPA FILE NUMBER:** SEPA-2019-00967

### **PROJECT DESCRIPTION:**

SR 520 Trail Grade Separation: Construct a tunnel underneath NE 40th Street to provide a grade separated route for the 520 Bike Trail. This includes pedestrian, bicycle, and/or maintenance connections to adjacent and nearby sidewalks and/or bus stops.

**PROJECT LOCATION:** SR 520 under NE 40th

### **SITE ADDRESS:**

**APPLICANT:** Eric Dawson

**LEAD AGENCY:** City of Redmond

The lead agency for this proposal has determined that the requirements of environmental analysis, protection, and mitigation measures have been adequately addressed through the City's regulations and Comprehensive Plan together with applicable State and Federal laws.

Additionally, the lead agency has determined that the proposal does not have a probable significant adverse impact on the environment as described under SEPA.

An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. **This information is available to the public on request.**

## CITY CONTACT INFORMATION

**PROJECT PLANNER NAME:** Tom Mauriss

**PHONE NUMBER:** 425-556-2499

**EMAIL:** [tmauriss@redmond.gov](mailto:tmauriss@redmond.gov)

## IMPORTANT DATES

### **COMMENT PERIOD**

Depending upon the proposal, a comment period may not be required. An "**X**" is placed next to the applicable comment period provision.

There is no comment period for this DNS. Please see below for appeal provisions.

**'X'** This DNS is issued under WAC 197-11-340(2), and the lead agency will not make a decision on this proposal for 14 days from the date below. Comments can be submitted to the Project Planner, via phone, fax (425)556-2400, email or in person at the Development Services Center located at 15670 NE 85th Street, Redmond, WA 98052. **Comments must be submitted by 10/31/2019.**

### **APPEAL PERIOD**

You may appeal this determination to the City of Redmond Office of the City Clerk, Redmond City Hall, 15670 NE 85th Street, P.O. Box 97010, Redmond, WA 98073-9710, **no later than 5:00 p.m. on 11/15/2019**, by submitting a completed City of Redmond Appeal Application Form available on the City's website at [www.redmond.gov](http://www.redmond.gov) or at City Hall. You should be prepared to make specific factual objections.

**DATE OF DNS ISSUANCE:** October 17, 2019

**For more information about the project or SEPA procedures, please contact the project planner.**

**RESPONSIBLE OFFICIAL:** Erika Vandenbrande  
Planning Director

SIGNATURE: 

**RESPONSIBLE OFFICIAL:** Dave Juarez  
Public Works Director

SIGNATURE: 

**Address:** 15670 NE 85th Street Redmond, WA 98052

**CITY OF REDMOND**

**ENVIRONMENTAL CHECKLIST**

**PROJECT ACTION**

*(Revised March 2018)*

**Purpose of the Checklist:**

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the City of Redmond identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

**Instructions for Applicants:**

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply" and indicate the reason why the question "does not apply". It is not adequate to submit responses such as "N/A" or "does not apply"; without providing a reason why the specific section does not relate or cause an impact. Complete answers to the questions now may avoid unnecessary delays later. If you need more space to write answers attach them and reference the question number.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the City can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. When you submit this checklist the City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Review Planner: Tom Mauriss

Date of Review: 9/27/2019



To Be Completed By Applicant	Evaluation for Agency Use Only
<p>8. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.</p>	<p>TM</p>
<p>9. List any environmental information you know about that has been prepared or will be prepared directly related to this proposal.</p> <p>Drainage Report, Cultural Assessment, Hazardous Materials</p>	<p>TM</p>
<p>10. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain.</p> <p>Two projects are nearby but not anticipated to directly affect this project. Sound Transit's construction of East Link Light Rail to Overlake and to Downtown Redmond is near this project. In addition, a new bridge over SR 520 for pedestrians and bicyclists is proposed to the south at approximately the 3800 Block.</p>	<p>TM</p>
<p>11. List any government approvals or permits that will be needed for your proposal, if known.</p> <p>WSDOT Channelization Plan approval, WSDOT general construction permit, potential Redmond noise variance if construction occurs at night, WSDOE Construction Stormwater General Permit</p>	<p>TM</p>
<p>12. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.</p> <p>Construct a tunnel underneath NE 40th Street to provide a grade separated route for the 520 Bike Trail. This includes pedestrian, bicycle, and/or maintenance connections to adjacent and nearby sidewalks and/or bus stops.</p>	<p>TM</p>

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<p>13. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.</p> <p>This project is located at or near the intersection of the SR 520 Trail and NE 40th Street (this is the same intersection as the westbound SR 520 on-/off-ramp at NE 40th Street). The project is located on Washington State Department of Transportation property, City of Redmond right of way, and three privately owned parcels:            1425059100            1425059111            5503500020</p>	<p>TM</p>
<p><b>B. ENVIRONMENTAL ELEMENTS</b></p> <p><b>1. Earth</b></p> <p>a. General description of the site</p> <p><input type="checkbox"/> Flat</p> <p><input checked="" type="checkbox"/> Rolling</p> <p><input type="checkbox"/> Hilly</p> <p><input type="checkbox"/> Steep slopes</p> <p><input type="checkbox"/> Mountainous</p> <p><input type="checkbox"/> Other</p> <p>b. What is the steepest slope on the site (approximate percent slope)? Describe location and areas of different topography.</p> <p>The steepest non-wall slope within the project limits is less than 10% at near the SR 520 on- and off-ramp.</p>	<p>TM</p> <p>TM</p>

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<p>c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, mulch)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.</p> <p>There are 4 soil units within the project area:            1) Fill: silty sand with gravel            2) Weathered Glacial Till            3) Glacial Till            4) Advance Outwash</p>	<p>TM</p>
<p>d. Are there surface indications or history of unstable soils in the immediate vicinity? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe.</p>	<p>TM</p>
<p>e. Describe the purpose, type, total area, location and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.</p> <p>Up to 9,000 cubic yards of excavation will be needed to build the new trail under NE 40th St. Haul routes will be proposed by the contractor and subject to approval of the City. However, it's expected that the haul route will be via SR 520 to I-405 and possibly to I-90 to rural disposal sites.</p>	<p>Subject to 21.64 Critical Areas; Clearing and Grading Regulations. TM</p>
<p>f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.</p> <p>Temporary Erosion and Sedimentation Control (TESC) measures will be implemented to reduce risk of construction-related erosion.</p>	<p>Project subject to RMC Chapter 15.24 Clearing/Grading/Stormwater Management. TM</p>
<p>g. About what percentage of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?</p> <p>Approximately 95% of the site will be impervious cement concrete or hot mix asphalt surfacing.</p>	<p>Project is primarily focused on creating the new grade separated trail route for the 520 Bike Trail. TM</p>

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<p>h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any.</p> <p>An erosion control plan has been developed for the project. Proposed measures include inlet protection and high visibility fence, and site restoration.</p>	<p>Project subject to RMC Chapter 15.24 Clearing/Grading/Stormwater Management.</p>
<p>i. Does the landfill or excavation involve over 100 cubic yards throughout the lifetime of the project?</p> <p>Yes, up to 9,000 cubic yards of excavation will be removed from the site.</p>	<p>Subject to 21.64 Critical Areas; Clearing and Grading Regulations. TM</p>
<p><b>2. Air</b></p>	
<p>a. What types of emissions to the air (i.e. dust, automobile, odors, industrial wood smoke, and greenhouse gases) would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.</p>	
<p>Typical exhaust and machinery odors would be emitted during construction. Dust would likely be produced from normal grading, excavation, and demolition activities. With adherence to applicable construction regulations, no significant air quality impacts are anticipated and no violation of ambient air quality standards.</p>	<p>Project subject to Air Operating Permits; Puget Sound Air Quality Agency TM.</p>
<p>b. Are there any off-site sources of emissions or odor that may affect your proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, generally describe.</p>	<p>TM</p>
<p>c. Proposed measures to reduce or control emissions or other impacts to air, if any.</p> <p>Dust suppression activities such as during excavation.</p>	<p>Project subject to Air Operating Permits; Puget Sound Air Quality Agency TM.</p>

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<p><b>3. Water</b></p> <p>a. Surface</p> <p>1. Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, lakes, ponds, wetlands)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No            If yes, describe type, location and provide names. If appropriate, state what stream or river it flows into. Provide a sketch if not shown on site plans.</p> <div style="background-color: yellow; height: 100px; width: 100%;"></div> <p>2. Will the project require any work over, in, or adjacent to (within 200 feet) the described waters?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please describe and attach available plans. Note approximate distance between surface waters and any construction, fill, etc.</p> <div style="background-color: yellow; height: 100px; width: 100%;"></div> <p>3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.</p> <div style="background-color: yellow; padding: 5px;"> <p>No fill or dredge material will be placed in or removed from surface waters or wetlands.</p> </div> <p>4. Will the proposal require surface water withdrawals or diversions? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Will the proposal require permanent dewatering or temporary dewatering?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, give general description, purpose, and approximate quantities if known.</p> <div style="background-color: yellow; height: 100px; width: 100%;"></div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div> <div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div> <div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div> <div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>



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<p>5. Does the proposal lie within a 100-year floodplain?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, note location on the site plan.</p> <div style="background-color: yellow; height: 80px; width: 100%;"></div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>
<p>6. Does the proposal involve any discharge of waste materials to surface waters? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                      If yes, describe the type of waste and anticipated volume of discharge.</p> <div style="background-color: yellow; height: 80px; width: 100%;"></div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>
<p>7. Is your property located within the Bear/Evans Creek Watershed (see attached map)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                      If yes, answer questions 8 &amp; 9. If no, go to the next section.</p> <div style="background-color: yellow; height: 80px; width: 100%;"></div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">Tm</div>
<p>8. Provide details on how you propose to maximize infiltration of runoff to recharge associated stream during the summer months.</p> <div style="background-color: yellow; padding: 10px;">No measures are being proposed</div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>
<p>9. Does your project propose an increase in fecal coliform levels in the surface water? If so, describe impacts.</p> <div style="background-color: yellow; padding: 10px;">No, fecal coliform levels are not anticipated to increase.</div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>

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<p>b. Ground</p> <p>1. Will groundwater be withdrawn from a well for drinking water or other purpose? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Give general description, purpose, and approximate quantities if known.</p> <div style="background-color: yellow; height: 100px; width: 100%;"></div> <p>2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals, agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.</p> <div style="background-color: yellow; padding: 5px;">Waste material will not be discharged into the ground.</div>	<div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div> <div style="background-color: #90EE90; text-align: center; padding: 20px;">TM</div>
<p>c. Water Runoff (including storm water):</p> <p>1. Describe the source(s) of runoff (including storm water) and method of collection, transport/conveyance, and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.</p> <div style="background-color: yellow; padding: 5px;">Stormwater will be collected in catch basins which will be conveyed by storm pipe and ultimately to Villa Marina Creek.</div>	<div style="background-color: #90EE90; padding: 20px;">Project is subject to RMC 13.06 Storm water Management Code. TM</div>

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<p>2. Could waste materials enter ground or surface waters? If so, generally describe.</p> <p>The stormwater management systems will be designed to meet current standards, minimizing the possibility of waste materials entering ground or surface waters.</p> <p>3. Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.</p> <p>No. Existing drainage patterns will be maintained.</p> <p>d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any.</p> <p>No new pollution generating impervious surface will be added. Flow control is not required as the project discharges directly to Lake Sammamish.</p>	<p>Project is subject to RMC 13.06 Storm water Management Code. TM</p> <p>TM</p> <p>Project is subject to RMC 13.06 Storm water Management Code and 21.68 Shoreline Master Program. TM</p>
<p><b>4. Plants</b></p> <p>a. Select types of vegetation found on the site:</p> <p>Deciduous Tree: Alder <input type="checkbox"/> Maple <input checked="" type="checkbox"/> Aspen <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Evergreen Tree: Cedar <input checked="" type="checkbox"/> Fir <input checked="" type="checkbox"/> Pine <input checked="" type="checkbox"/> Other <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Shrubs</p> <p><input type="checkbox"/> Grass</p> <p><input type="checkbox"/> Pasture</p> <p><input type="checkbox"/> Crop or Grain</p> <p><input type="checkbox"/> Orchards, Vineyards, or Other Permanent Crops</p> <p>Wet soil plants: Cattail <input type="checkbox"/> Buttercup <input type="checkbox"/> Bullrush <input type="checkbox"/></p> <p>Skunk Cabbage <input type="checkbox"/> Other <input type="checkbox"/></p> <p>Water plants: Water lily <input type="checkbox"/> Eelgrass <input type="checkbox"/> Milfoil <input type="checkbox"/></p> <p>Other <input type="checkbox"/></p>	

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<p>Other types of vegetation (please list)</p> <div style="background-color: yellow; height: 40px; width: 100%;"></div> <p>b. What kind and amount of vegetation will be removed or altered?</p> <div style="background-color: yellow; padding: 5px;">Evergreen, Deciduous Trees and Shrubs will be removed</div> <p>c. Provide the number of significant and landmark trees located on the site and estimate the number proposed to be removed and saved in the table below.</p> <table border="1" data-bbox="235 934 1039 1386"> <thead> <tr> <th>Tree Type</th> <th>Total (#)</th> <th>Removed (#)</th> <th>Saved (#)</th> <th>Percentage saved (%)</th> </tr> </thead> <tbody> <tr> <td>Landmark (&gt;30" dbh*)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Significant (6" – 30" dbh*)</td> <td>73</td> <td>43</td> <td>28</td> <td>38.4</td> </tr> <tr> <td>Percentage (%)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><i>Note: Since a SEPA Determination is issued early on in the project's review process; the information above is a preliminary estimate only and could change during the development review process.</i></p> <p>* DBH – Diameter at breast height</p>	Tree Type	Total (#)	Removed (#)	Saved (#)	Percentage saved (%)	Landmark (>30" dbh*)					Significant (6" – 30" dbh*)	73	43	28	38.4	Percentage (%)					<div style="background-color: #90EE90; text-align: center; padding: 10px;">TM</div> <div style="background-color: #90EE90; text-align: center; padding: 10px;">Subject to RZC 21.72 Tree Protection. TM</div>
Tree Type	Total (#)	Removed (#)	Saved (#)	Percentage saved (%)																	
Landmark (>30" dbh*)																					
Significant (6" – 30" dbh*)	73	43	28	38.4																	
Percentage (%)																					
<p>d. List threatened or endangered species known to be on or near the site.</p> <div style="background-color: yellow; padding: 5px;">No threatened or endangered species are known to be on or near the site.</div>	<div style="background-color: #90EE90; text-align: center; padding: 10px;">TM</div>																				

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<p>e. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:</p> <p style="background-color: yellow;">Trees and shrubs will be planted in pervious areas</p> <p>f. List all noxious weeds and invasive species known to be on or near the site.</p> <p style="background-color: yellow;">English Ivy</p>	<p style="background-color: #90EE90;">All restoration work along the pervious areas shall meet CAO requirements and 5 year monitoring period. TM</p> <p style="background-color: #90EE90;">TM</p>
<p><b>5. Animals</b></p> <p>a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.</p> <p>Birds: Hawk <input checked="" type="checkbox"/> Heron <input type="checkbox"/> Eagle <input type="checkbox"/> Songbirds <input checked="" type="checkbox"/>          Other <input checked="" type="checkbox"/></p> <p>Mammals: Deer <input type="checkbox"/> Bear <input type="checkbox"/> Elk <input type="checkbox"/> Beaver <input type="checkbox"/></p> <p>Fish: Bass <input type="checkbox"/> Salmon <input type="checkbox"/> Trout <input type="checkbox"/> Herring <input type="checkbox"/>          Shellfish <input type="checkbox"/> Other <input type="checkbox"/></p> <p>b. List any threatened or endangered species known to be on or near the site.</p> <p style="background-color: yellow;">No threatened or endangered species have been observed on the project site.</p> <p>c. Is the site part of a migration route? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, explain.</p> <p style="background-color: yellow;">Entire region is located in the Pacific Northwest Flyway</p>	<p style="background-color: #90EE90;">Project is subject to 21.64 Critical Areas. TM</p> <p style="background-color: #90EE90;">TM</p> <p style="background-color: #90EE90;">Project is subject to 21.64 Critical Areas. TM</p>

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<p>d. Proposed measures to preserve or enhance wildlife, if any:</p> <p>Landscape materials and new trees will attract and support small birds, insects, squirrels and other rodents.</p>	<p>TM</p>
<p>e. List any invasive animal species known to be on or near the site.</p> <p>No invasive animal species known to be on or near the site.</p>	<p>TM</p>
<p><b>6. Energy and Natural Resources</b></p>	
<p>a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.</p> <p>The primary form of energy anticipated to be used is electricity for lighting and signals.</p>	<p>TM</p>
<p>b. Would your project affect the potential use of solar energy by adjacent properties? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, generally describe.</p>	<p>TM</p>
<p>c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any.</p> <p>Light will be provided via LED luminaires.</p>	<p>TM</p>

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<p><b>7. Environmental Health</b></p> <p>a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe.</p> <p><b>1.</b> Describe any known or possible contamination at the site from present or past practices.</p> <p>No known contamination at the site.</p> <p><b>2.</b> Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.</p> <p>There are no known hazardous chemicals or conditions within the project site.</p> <p><b>3.</b> Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. (for example: flammable liquids, combustible liquids, flammable gases, combustible or flammable fibers, flammable solids, unstable materials, corrosives, oxidizing materials, organic peroxides, nitromethane, ammonium nitrate, highly toxic material, poisonous gas, smokeless powder, black sporting powder, ammunition, explosives, cryogenics, medical gas, radioactive material, biological material or high piled storage (over 12' in most cases).</p> <p>Fuels/lubricants/coolants will be within construction equipment and vehicles. Fluidized thermal structural backfill to be used in utility work.</p>	<p>TM</p> <p>TM</p> <p>TM</p> <p>Subject to Model Toxics Control Act. TM</p>

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<p>4. Describe special emergency services that might be required.</p> <p>No special emergency serviced would be required as part of this proposal. Typical emergency services required for medical emergencies would be provided by the City of Redmond Fire Department.</p> <p>5. Proposed measures to reduce or control environmental health hazards, if any.</p> <p>Storage of fuel on site will not be allowed, unless containment and spill control kit in compliance with Ecology BMPs is provided. The contractor will develop a spill prevention and control plan as part of the contract.</p>	<p>TM</p> <p>TM</p>
<p>b. Noise</p> <p>1. What types of noise exist in the area which may affect your project (for example: traffic equipment, operation, other)?</p> <p>No noise sources are anticipated to affect this project.</p> <p>2. What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.</p> <p>Noise sources associated with operation of the proposed project would primarily include vehicular traffic traveling to and from the site and construction activities at the site. It is unknown at this time whether construction will occur during the daytime or nighttime - any nighttime work may require a City of Redmond noise variance. Existing noise levels include ambient freeway noise.</p>	<p>Project subject to 6.36 Noise Standards. TM</p> <p>Project subject to 6.36 Noise Standards. Noise generated outside of construction hours requires a noise deviation. TM</p>



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<p>3. Proposed measures to reduce or control noise impacts, if any.</p> <p>Adherence to City of Redmond noise ordinance to reduce impacts of noise, or, if necessary, noise variance may need to be utilized (majority of work anticipated to be completed during typical construction hours).</p>	<p>Project subject to 6.36 Noise Standards. Noise generated outside of construction hours requires a noise deviation. TM</p>
<p><b>8. Land and Shoreline Use</b></p> <p>a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.</p> <p>The site is is used for transportation. Adjacent properties are zoned as Overlake Business and Advanced Technology (OBAT). The proposal may help improve pedestrian and/or bicycle access to nearby or adjacent properties (offices).</p> <p>b. Has the site been used as working farmlands or working forest lands? Is so, describe. How much agricultural or forest land of long term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to non-farm or non-forest use?</p> <p>The site is a state highway and does not include agriculture or forest land of long term commercial significance.</p> <p>1). Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how?</p> <p>The proposal will not affect or be affected by surrounding working farm or forest land normal business operations.</p>	<p>TM</p> <p>TM</p> <p>TM</p>

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<p>c. Describe any structures on site.</p> <p>Utility vaults (above ground and underground) Retaining Walls, Transit Shelters, New Tunnel.</p>	<p>TM</p>
<p>d. Will any structures be demolished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, what?</p> <p>Utility vaults will be relocated (may be moved or may be decommissioned and replaced with new - unknown at this time), a portion of the 520 Bike Trail will be demolished and replaced with the tunnel. Retaining wall and transit shelters to be removed and partially reconstructed.</p>	<p>TM</p>
<p>e. What is the current zoning classification of the site?</p> <p>Overlake Business and Technology</p>	<p>TM</p>
<p>f. What is the current comprehensive plan designation of the site?</p> <p>Overlake Mixed Use</p>	<p>Tm</p>
<p>g. If applicable, what is the current shoreline master program designation of the site?</p> <p>Project site not within 200 feet of the shoreline.</p>	<p>TM</p>
<p>h. Has any part of the site been classified as a critical area by the city or county? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, specify. (If unsure, check with City)</p>	<p>TM</p>

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<p>i. Approximately how many people would reside or work in the completed project?</p> <p>People would not reside or work in the completed project.</p>	<p>TM</p>
<p>j. Approximately how many people would the completed project displace?</p> <p>No people would be displaced as part of the project.</p>	<p>TM</p>
<p>k. Proposed measures to avoid or reduce displacement impacts, if any:</p> <p>No measures are being proposed.</p>	<p>TM</p>
<p>l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:</p> <p>No measures are being proposed.</p>	<p>TM</p>
<p>m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:</p> <p>No measures are being proposed.</p>	<p>TM</p>
<p>n. What percentage of the building will be used for:</p> <p>Warehousing <u>0</u></p> <p>Manufacturing <u>0</u></p> <p>Office <u>0</u></p> <p>Retail <u>0</u></p>	

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<p>Service (specify) <u>0</u></p> <p>Other (specify) <u>0</u></p> <p>Residential <u>0</u></p>	TM
<p>0. What is the proposed I.B.C. construction type?</p> <p><u>No buildings are proposed for this project.</u></p>	TM
<p>p. How many square feet are proposed (gross square footage including all floors, mezzanines, etc.)?</p> <p><u>No buildings are proposed for this project.</u></p>	TM
<p>q. How many square feet are available for future expansion (gross square footage including floors, mezzanines and additions)?</p> <p><u>No buildings are proposed for this project.</u></p>	TM
<p><b>9. Housing</b></p> <p>a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.</p> <p><u>None. This is a roadway project.</u></p>	TM

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<p>b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.</p> <p>None. This is a roadway project.</p>	<p>TM</p>
<p>c. Proposed measures to reduce or control housing impacts, if any:</p> <p>None. This is a roadway project.</p>	<p>TM</p>
<p><b>10. Aesthetics</b></p>	
<p>a. What is the tallest height of any proposed structure(s), not including antennas? What is the principal exterior building material(s) proposed?</p> <p>This is a tunnel project so almost all new infrastructure will be located below grade. New fences will be installed above ground at approximately 4 to 6 feet high.</p>	<p>TM</p>
<p>b. What views in the immediate vicinity would be altered or obstructed?</p> <p>This project requires removal of trees which may alter views in the immediate vicinity. No views would be obstructed.</p>	<p>Subject to RZC 21.72 Tree Protection. TM</p>
<p>c. Proposed measures to reduce or control aesthetic impacts, if any:</p> <p>New landscaping will be proposed to help replace removed trees.</p>	<p>Subject to RZC 21.72 Tree Protection. TM</p>

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<p><b>11. Light and Glare</b></p> <p>a. What type of light or glare will the proposal produce? What time of day or night would it mainly occur?</p> <p>Lighting will be installed in the tunnel and existing surface roadway lighting may see minor adjustments. Lighting will be provided during the night predominantly but may also be provided during the day.</p> <p>b. Could light or glare from the finished project be a safety hazard or interfere with views?</p> <p>Proposed light or glare is not anticipated to be a safety hazard nor interfere with views.</p> <p>c. What existing off-site sources of light or glare may affect your proposal?</p> <p>No known off-site sources of light or glare are anticipated to impact the project.</p> <p>d. Proposed measures to reduce or control light and glare impacts, if any:</p> <p>A pedestrian lighting system will be designed per current design standards to provide safe lighting along the trail and in the tunnel.</p>	<p>TM</p> <p>TM</p> <p>TM</p> <p>TM</p>
<p><b>12. Recreation</b></p> <p>a. What designated and informal recreational opportunities are in the immediate vicinity?</p> <p>This project is located on the 520 Bike Trail. It is a pedestrian and bicycle facility that can be used for both transportation and recreation.</p>	<p>TM</p>

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<p>b. Would the proposed project displace any existing recreational uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe.</p> <p style="background-color: yellow; padding: 5px;">This project improved the 520 Bike Trail by providing a new grade separated crossing at NE 40th Street - eliminating the existing wait time and potential hazard of crossing an eight lane road.</p> <p>c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:</p> <p style="background-color: yellow; padding: 5px;">No measures are being proposed.</p>	<p style="background-color: #90EE90; text-align: center; padding: 10px;">TM</p> <p style="background-color: #90EE90; text-align: center; padding: 10px;">TM</p>
<p><b>13. Historic and Cultural Preservation</b></p> <p>a. Are there any buildings structures or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, generally describe.</p> <p style="background-color: yellow; padding: 5px;">No historically significant properties are listed at the project site. There are three historic properties identified in the WISAARD database within half a mile. See the attached cultural report for details.</p>	<p style="background-color: #90EE90; text-align: center; padding: 10px;">Subject to RZC 21.30 Historic &amp; Archaeological Resources. TM</p>

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<p>b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.</p> <p>Please see the attached cultural evaluation letter and response letter from DAHP. It was agreed there is no likelihood of precontact cultural resources.</p>	<p>Attached Cultural Report explains studies conducted. Subject to RZC 21.30 Historic &amp; Archaeological Resources.</p>
<p>c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the Department of Archaeological and Historic Preservation, archaeological surveys, historic maps, GIS data, etc.</p> <p>A cultural resource risk assessment was performed. Following that, consultation and a field review with DAHP indicated no likelihood of precontact cultural resources.</p>	<p>Attached Cultural Report explains studies conducted. Subject to RZC 21.30 Historic &amp; Archaeological Resources.</p>
<p>d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.</p> <p>In the event that archaeological deposits are inadvertently discovered during construction then ground-disturbing activities the inadvertent discovery plan prepared for the project is to be followed.</p>	<p>Attached Cultural Report explains studies conducted. Subject to RZC 21.30 Historic &amp; Archaeological Resources.</p>



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<p><b>14. Transportation</b></p> <p>a. Identify public streets and highways serving the site, or affected geographic area, and describe proposed access to the existing street system. Show on site plans, if any.</p> <p style="background-color: yellow;">This project provides a tunnel for the 520 Bike Trail underneath NE 40th Street.</p> <p>b. Is the site currently or affected geographic area currently served by public transit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, generally describe. If not, what is the approximate distance to the nearest transit stop?</p> <p style="background-color: yellow;">There are bus stops located in the project area on the SR 520 westbound on-ramp and in the vicinity on NE 40th Street.</p> <p>c. How many additional parking spaces would the completed project have? How many would the project eliminate?</p> <p style="background-color: yellow;">No additional parking will be provided. The project will eliminate 4 parking stalls but those 4 will be replaced on the same parcel.</p> <p>d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or transportation facilities not including driveways? If so, generally describe (indicate whether public or private).</p> <p style="background-color: yellow;">This project provides a tunnel for the 520 Bike Trail underneath NE 40th Street. It also includes pedestrian and/or bicycle connections to public sidewalks on NE 40th Street and pedestrian and/or bicycle connections to private property.</p>	<p style="text-align: center;">TM</p> <p style="text-align: center;">TM</p> <p style="text-align: center;">TM</p> <p style="text-align: center;">TM</p>

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<p>e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.</p> <p>No.</p>	<p>TM</p>
<p>f. How many weekday vehicular trips (one way) per day would be generated by the completed project? _____ If known, indicate when peak volumes would occur: _____ - _____ a.m. and _____ - _____ p.m. How many of these trips occur in the a.m. peak hours? _____ How many of these trips occur in the p.m. peak hours? _____ What percentage of the volume would be trucks (such as commercial and non-passenger vehicles)? _____ What data or transportation models were used to make these estimates?</p> <p>No Vehicular trips will be generated with this project. This project provides a tunnel for the 520 Bike Trail underneath NE 40th Street. It is anticipated to make reduce pedestrian and bicycle travel times in the project area.</p>	<p>TM</p>
<p>g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.</p> <p>No interference or affects by the movement of agricultural and forest products are anticipated.</p>	<p>TM</p>
<p>h. Proposed measures to reduce or control transportation impacts, if any.</p> <p>Project is an improvement to the existing transportation system.</p>	<p>TM</p>

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<p><b>15. Public Services</b></p> <p>a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, generally describe.</p> <div style="background-color: yellow; height: 120px; width: 100%;"></div> <p>b. Proposed measures to reduce or control direct impacts on public services, if any.</p> <div style="background-color: yellow; height: 120px; width: 100%; padding: 5px;"> <p>No measures are being proposed.</p> </div> <p><b>16. Utilities</b></p> <p>a. Select utilities currently available at the site:</p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Electricity</li> <li><input checked="" type="checkbox"/> Natural Gas</li> <li><input checked="" type="checkbox"/> Water</li> <li><input type="checkbox"/> Refuse Service</li> <li><input checked="" type="checkbox"/> Telephone</li> <li><input type="checkbox"/> Sanitary Sewer</li> <li><input type="checkbox"/> Septic System</li> <li><input type="checkbox"/> Other</li> </ul>	<div style="background-color: #90EE90; height: 120px; width: 100%; text-align: center; vertical-align: middle;"> <p>TM</p> </div> <div style="background-color: #90EE90; height: 120px; width: 100%; text-align: center; vertical-align: middle;"> <p>TM</p> </div> <div style="background-color: #90EE90; height: 220px; width: 100%; text-align: center; vertical-align: middle;"> <p>TM</p> </div>

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<p>b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.</p> <p>Public and private utilities to be relocated or abandoned as needed. A water main and water service to be relocated. A small gas line on the 520 Trail in the project extent is to be abandoned per consultation with Puget Sound Energy.</p>	<p>TM</p>

**C. SIGNATURE**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Applicant Signature: **Eric Dawson** Digitally signed by Eric Dawson  
Date: 2018.09.18 10:51:38 -07'00'

Name of Signee: Eric Dawson

Position and Agency/Organization: Project Manager  
City of Redmond

Relationship of Signer to Project: Project Manager

Date Submitted: 9/16/19