GENERAL CONSTRUCTION NOTES:

1. Traffic control signs shall be installed in conformance with MUTCD.

2. Traffic plan to be modified at King County Engineers discretion.

3. Street sweep track out on NE Carnation Farm Rd. as needed.

4. Protect native vegetation near access and staging areas as practical.
**Temporary Erosion and Sediment Control (TESC)**

**NOTES:**

1. Work shall be done in accordance with all applicable permits.
2. In-water work will be limited to excavation and placement of the rock.
3. Only clean fractured rock will be placed in water.
4. The following limits shall be on-site and readily accessible during all construction activities:\n   - Sand bags for slope maintenance
   - Silt fence, nets, and fuel for equipment access
   - Straw waffles
   - A spill control of 150 feet length to control in-water work area.
5. The TESC measures shall be installed and maintained in conjunction with all cleaning and sowing activities in such a manner to ensure they remain in place and do not violate applicable water quality standards.
6. Construction shall be scheduled consistent with the work monocyclic project approval conditions.
7. When possible, native vegetation shall be left in place and care shall be taken to minimize damage to existing vegetation. Steel plates shall be used to protect tree roots.
8. Provide and maintain a spill cleanup kit for fuel and industrial oil spills.
9. Any area of exposed soils that will not be disturbed for two days during the wet season or seven days during the dry season shall be biweekly terraced with approved TESC cover methods.
10. All equipment working up or below own shall be equipped with mobile dredge cover/foams.

**Knotweed Removal Notes:**

1. Place a temporary fabric barrier on the ground in the area designated to be used to stabilize contaminated knotweed soil and place all contaminated knotweed soil and vegetation on barrier or directly in trucks for haul off.
2. Remove knotweed from areas designated on plans and any additional areas placed in the field by King County Ecologist or Engineer. Distance to a minimum depth of 24 inches. Removal shall include all living and dead vegetation, plants, roots, and soil. Material shall be segregated and contained on separate piles prior to disposal.
3. Trucks containing knotweed contaminated soils and debris shall be placed directly to the debris piles landfall for disposal.
4. Trucks containing knotweed shall be cleaned with a stiff brush at the facility, rinse, and free wheels at the disposal location, following disposal.
5. At construction completion, pour high impact, Ariel detergent, and subcontract of excavation prior to leaving the site.
CONSTRUCTION SEQUENCING NOTES:
1. INSTALL ROCK BED
2. INSTALL FILES (CONTRACTOR)
3. INSTALL BUMPER LOG (BLEL 46-50), ATTACH TO TOP OF FILE W/ CHAIN
4. INSTALL TIMBER SHELERS IN WOOD ROUGHNESS ELEMENTS AREA
5. INSTALL WOOD ROUGHNESS ELEMENTS

LAYER PLAN:

<table>
<thead>
<tr>
<th>LOG NO.</th>
<th>LENGTH (FT)</th>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20</td>
<td>DOUGLAS PF</td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>DOUGLAS PF</td>
</tr>
<tr>
<td>3</td>
<td>20</td>
<td>DOUGLAS PF</td>
</tr>
</tbody>
</table>

* LUMBER SIZE AND DETAILS TO BE PROVIDED TO BUMPER LOGS AS APPROVED BY ENGINEER
  - ALL LUMBER STUNES DETAIL 4.5" X 4.5"

CONTROL POINT

APPROX. MEASURING
APPROX. EASTING
APPROX. NORTHING
APPROX. DATUM Offset

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2018 STOssel BRIDGE
RIGHT BANK REVETMENT REPAIR
PROPOSED DESIGN PLAN DETAILS

King County
Department of Natural Resources and Parks
River and Floodplain
Management Section
ORDINANCE 16-0001

[Diagram with construction details and notes]
PILE CONSTRUCTION NOTES:
1. THE OPERATORS OF EQUIPMENT SHALL NOT OPERATE NEARBY WATERWAYS OF THE ORDINARY HIGH WATER LINE.
2. ALL GAS AND OIL CONTAINERS FOR EQUIPMENT WILL BE STORED SECURELY IN UTILITY VEHICLES.
3. PILE TOLERANCE: HORIZONTALLY ± 1 FT.
4. DRAFT FILE LOCATED TO BE #1 FILE.

PILE CONSTRUCTION SEQUENCING NOTES:
1. CENTER WILL BE CONSTRUCTED BY KING COUNTY ROADS PRIOR TO PILE CONSTRUCTION.
2. INSTALL PILES.
Know what's below.
Call before you dig.
SURVEY NOTES:

The horizontal datum for the survey is Nort
American Datum of 1983 Adjustment 2011
Washington State Plane Coordinate System.
North Zone based on GPS field survey to
wood monument designation TP17203-48
with coordination GPS field measurements
to wood monument designations DP17203-47
and DP17203-79.

GENERAL INFO:
The horizontal datum for the survey is
based on GPS field survey to wood
monument designation TP17203-48 with
coordination GPS field measurements to
wood monument designations DP17203-47
and DP17203-79.

ELEV = 1.481

ANTHROPOGEOGRAPHIC SURVEY INFORMATION FOR THIS PROJECT WAS COLLECTED USING A TRÍNGLE VS ROBOTIC TOTAL STATION, TRÍNGLE RT60 NETWORK RTK SYSTEM, AND A SATELLITE AIDS APÆO ANÁLTON SOURCER.

MICROGRAPHIC POINTS WERE COLLECTED AT 4 SPÁNS TO ACQUIRE THE REQUIRED CONTOUR INTERVAL AND WERE COLLECTED IN LONGITUDINAL DIRECTIONS AND PERPENDICULAR LINES ORIENTED TO THE RIVER FLOW DIRECTION AND BANK CONFIGURATION.

SOURCE OF INFORMATION:
OCTOBER SURVEY 2018
APRIL 2017

1. INSTALL WATTLE PERPENDICULAR TO FLOW AND ALONG BANK.
2. SECURELY BOLT EACH END OF WATTLE OVERLAP END. TIE ONE ANOTHER AND SECURELY TIE TOGETHER. TIED END TO BAIKAL SLICE IN ADDITIONAL STRING TO PREVENT UNDERCUTTING. ADDITIONAL STRING MÁY BE NEEDED TO PREVENT FLOOD.
3. WATTLE MÁY BE INSPECTED REGULARLY AND MAINTAINED AFTER A BAIKAL ERODES. TIE TO BAIKAL SLICE IN ADDITIONAL STRING TO PREVENT UNDERCUTTING. ADDITIONAL STRING MÁY BE NEEDED TO PREVENT FLOOD.
4. A SINGLE ROW OF WÄTTLES MAY BE USED FOR FLOODS LESS THAN 1 & SIMMER THAN 10 FT