

**Whatcom County
Request for Information
RFI #19-45**

**Request for Aggregate Supplier Information for:
Birch Bay Drive and Pedestrian Facility Project, CRP No. 907001
Until Friday, June 28, 2019**

ATTENTION Whatcom County Aggregate Suppliers and Aggregate Suppliers of Western Washington:

The Birch Bay Drive and Pedestrian Facility Project proposes to construct a soft shore berm over two (2) construction seasons from September to May that will require approximately 212,000 tons of gravel material. These products will be bid as a material component of the Birch Bay Drive and Pedestrian Facility, CRP 907001 project, with federal funding.

There will be approximately 140,000 tons of Type 1 gravel and 72,000 tons of Type 2 gravel required to construct a 1.6 mile soft shore berm. Whatcom County Public Works has completed archaeological evaluations on all viable pits within Whatcom County and the same evaluation would need to be completed for any pit that would be used outside of the County at the awarded contractor's expense.

*Whatcom County Public Works would like to encourage local aggregate suppliers, and others with a feasible option to supply aggregate to the Birch Bay area, to review the gravel specifications, provided below, and offer input to the Project Engineer, Cody Swan, via email at cswan@co.whatcom.wa.us and cc Engineering Technician, Kyle Anderson at kanderso@co.whatcom.wa.us with any questions or comments concerning this topic. **All email comments received on this topic will be posted to this project webpage after June 28, 2019 and before project bid advertisement.***

The specification below is what will be required from the awarded contractor. Some or all of this specification may apply to the awarded contractor's supplier.

Berm Gravel Type 1 (approximately 140,000 tons)

This item shall consist of manufacture/purchase, delivery and stockpiling, onsite handling, placement, and rough grading of the imported Berm Gravel Type 1.

*Berm Gravel Type 1 material shall be clean, naturally occurring, water rounded aggregates. Berm Gravel Type 1 material shall be washed and free from dirt, clay, rock fines, and fractured rock. Materials shall not contain organic matter considered objectionable by the **Engineer**. Material shall be free of (no more than 10% maximum by weight) thin, flat and elongated pieces. Berm Gravel Type 1 material shall be composed of sound durable rock with less than 15% by weight having any cleavage or fractures.*

Material samples and current sieve analysis from a certified lab must be submitted and approved by the Engineering Geologist/Engineer prior to transportation to the project site.

Specifications by weight for Berm Gravel Type 1 are as follows:

<u>Screen/Sieve</u>	<u>Percent Passing</u>
2"	98-100
1 ½"	60-75
1"	30-45

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½"	0-8
¼"	0-5
#10 (2.0mm)	0-4
#200 (0.07mm)	0-1

Berm Gravel Type 2 (approximately 72,000 tons)

This item shall consist of manufacture/purchase, delivery and stockpiling, onsite handling, placement, and rough grading of the imported Berm Gravel Type 2.

Berm Gravel Type 2 material shall be clean, naturally occurring, water rounded aggregates. Berm Gravel Type 2 material shall be free from dirt, fractured rock, and excessive clay or rock fines. Materials shall not contain organic matter considered objectionable by the Engineer. Material shall be free of (no more than 10% maximum by weight) thin, flat and elongated pieces. Berm Gravel Type 2 material shall be composed of sound durable rock with less than 15% by weight having any cleavage or fractures.

Material samples must be submitted and approved by the Engineering Geologist/ Engineer prior to transportation to the project site.

Specifications by weight for Berm Gravel Type 2 are as follows:

<u>Screen/Sieve</u>	<u>Percent Passing</u>
6"	98-100
2"	85-100
1 ½"	65-85
1"	50-70
¾"	35-50
#20 (0.84mm)	10-20
#100 (0.15mm)	0-8
#200 (0.07mm)	0-2