

Course project proposal: The second round

Due June 1

Talk (5 pts)

Like the first-round proposal, your 10-minute (maximum) talk should sell the course of action your group has decided on. Your action this time can be an “a la carte” selection of the actions included below. You do not have to do any of the actions (i.e., the do-nothing plan is valid), but that choice should be defended. By this point your group should have identified your allies. As a result, this talk should be more explicit in its appeal to other groups’ Mission Statements. You also should make some use of the data you have requested or available via the course webpage.

Report (5 pts)

No more than four pages of single-spaced text. You can include as much as one additional page of figures. The report should be geared towards an average citizen in Washington State (not someone who knows a lot about the science of beaches, but who has a basic college education) – or more specifically to the groups you have identified as your allies. As always, it also needs to stay true to your group’s Mission Statement.

The format of the report is arbitrary. Again, there is no minimum length to the report, but if you do not set forth a well supported, logical argument, you will not do well. Please note that some of the prices for procedures have changed. These updated numbers should be used, as they are more accurate. The following elements should be in the report:

Decision – You need to describe the course of action your group is going to advocate. As before, an important part of the decision section will be how your proposed solution is paid for. If you ask another group to pay for it, you need to appeal to that group’s Mission Statement. You can also specify future revenue of some kind or other, but you’ll need to be specific. This revenue should also be consistent with the economic data provided.

Data incorporation – This time around, you must make reference to some of the data supplied (or you have discovered in your research) to support your decision. Please see me if you would like more data about a particular aspect of the project you are advocating. I might not be able to help you (because in most cases the data doesn’t exist – you have everything I have), but I encourage you to ask. Also see me if you have questions about the implementation of a particular course of action.

Appeal to allies – There should be some direct appeal to other groups’ proposed ideas. These can be either consistent with the groups’ first proposal (presented on May 16) or come out of negotiations that they will present in their second proposal (which will be presented on June 1).

POSSIBLE ACTIONS

Construct marina near boat ramp

Specifics

Construction of a new public, multi-use (motorized and non-motorized) marina and boat ramp at Cama Beach. See attached figure.

Suggested model

Cornet Bay marina at Deception Pass State Park
(http://www.parks.wa.gov/moorage/parks/m_004.asp)

Maintenance

Will be approximately \$100,000. One FTE (full-time employee) will be needed to collect needed to collect fees. The rest of cost will be associated with maintenance of the facility itself.

Revenue

Washington State Parks charges year-round for mooring at docks, floats and buoys from 1 p.m. to 8 a.m. The daily fee is 50 cents per foot, with a minimum of \$10. Moorage buoys are \$10 a night. You may save money by purchasing an annual moorage permit, which is valid Jan. 1 through Dec. 31. The annual moorage permit fee is \$3.50 per foot, with a minimum of \$50.

Cost

\$1,200,000 (one-time, initial)
\$100,000 (annual)

Construct ferry dock & operate Island County ferry service

Specifics

Construction of ferry dock and operation of ferry in conjunction with Island County and WSDOT. See attached figure.

Suggested model

Lummi Island Ferry (<http://www.co.whatcom.wa.us/publicworks/ferry/index.jsp>)
operated by Whatcom County.

Maintenance

Depending on use, but likely would expect at least \$200,000 per year. Most of this is boat maintenance and fuel, but at least \$20,000 will be required on the terminal itself – mostly in lost productivity from existing park staff.

Revenue

Similar to, possibly slightly larger than, that of the Lummi Island Ferry. \$23 per round trip, with some discounted rate for walk-on passengers.

Cost

\$700,000 (one-time, initial)

\$200,000 (annual)

Setup SCUBA park

Specifics

Installation of SCUBA park on NW shore of Camano Island State Park. Park would include 3 buoys for watercraft tie-ups. Sunken watercraft will be donated. Workshops hosted by FOCIP and other Sound/SCUBA-friendly organizations (possibly including People for Puget Sound).

Suggested model

Edmonds Underwater Park

(http://www.ci.edmonds.wa.us/Discovery_Programs%20Website/Underwater_Park.html)

Maintenance

Needed on informational booth and structuring water objects (see cost below).

Cost

\$25,000 (one-time, initial)

\$3,000 (annual)

Nourish the NW shoreline

Specifics

The addition of ~20,000 cubic feet of quarry gravel and sand along the northernmost 200 m (from our datum to the park boundary) of Camano Island State Park via barge.

Suggested model

Nourishment project at Lincoln Park

(http://www.nws.usace.army.mil/ers/reposit/Lincoln_Park_Beach_Nourishment_Draft_EA.pdf). Unlike this case, no armored driftwood or native grass planting is needed because protection of bluffs behind the beach is not an issue. Also, the wave environment is much more energetic at Lincoln Park due to its southern exposure, so maintenance is much more important there.

Maintenance

Nourishment projects in protected areas which do not necessitate the protection of land behind them last >20 years with no effective maintenance.

Cost

\$100,000 (one-time)

Deramp & revamp

Specifics

Pulverization of boat ramp and placement of that material on the northernmost 200 m of the Park

Suggested model

No known model

Maintenance

Nourishment projects which do not necessitate the protection of land behind them last >20 years with no effective maintenance.

Cost

\$50,000 (one-time)