

1) Introduction and Purpose

- a) Level of service (LOS) base-line goals (Whatcom County Resolution 2017-012)
 - i) Vessel minimums (ADA, passengers, etc.)
 - ii) Mainland landing will be on Gooseberry Point
 - iii) Parking availability
 - iv) Basic amenities

2) Background

- a) Previous studies
- b) Existing ferry conditions
 - i) Vessel specifications, including passenger and vehicle capacity
 - ii) Landing infrastructure and Gooseberry lease ending date
 - iii) Schedules and ridership
 - iv) Wait times (LIFAC data)

3) Ferry Operations Alternatives

- a) Growth projections
- b) Quantified measurable LOS (Volume/Capacity) alternatives
- c) Evaluate options for peak load capacity management
- d) Ferry vessel alternatives
 - i) Size alternatives
 - (1) Vehicle loading rate
 - (2) Sailing time and arrival rates
 - ii) Type alternatives
 - (1) Fuel vs electric (carbon neutral discussion)
 - (2) Advantages of different propulsion systems
- e) Size of queuing area
- f) Landings
 - i) Lummi Island
 - (1) Modification to existing facility for the vessel alternatives
 - (2) Modification to existing facility for accessibility
 - (3) Emergency landing site options
 - ii) Gooseberry Point
 - (1) Modification to existing facility for the vessel alternatives
 - (2) Location alternative
 - (a) Property availability
 - (b) Development issues
 - (i) Cultural Resources
 - (ii) Utilities
 - (iii) Stormwater
 - (iv) ADA accessibility
 - (3) Emergency landing site options

- g) Rider amenities
 - i) Parking
 - (1) Parking LOS
 - (a) Size of lots (both sides)
 - (b) Security
 - (c) Location or proximity to landing
 - (2) Alternatives to meet LOS
 - (a) Property availability
 - (b) Development issues
 - (c) Alternative location (Shuttle?)
 - ii) Restrooms alternatives
 - iii) Queuing cameras

4) Climate Change Measures

5) Second Vehicle Vessel Availability

6) Cost Projection Analysis

- a) Vessel alternatives
 - i) Size and type
 - ii) Retrofit surplus vessel availability
 - iii) Leasing options
- b) Queuing area alternatives
- c) Landing area alternatives
- d) Amenities alternatives

7) Funding Sources

8) Recommended Level of Service

9) Project Management and Outreach

- a) Attend monthly LIFAC meetings
- b) Collaborative process between: Consultant, LIFAC and WC Public Works for each element of the alternative analysis.
- c) Collaborative process between: Consultant, LIFAC and WC Public Works for a recommended level of service that balances cost and funding alternatives.
- d) At least ~~one~~ two (2) Public Meetings to receive comments on the alternatives and proposed ~~Draft~~ LOS
- e) At least one Whatcom County Council meeting with LIFAC and WC Public Works for the recommended LOS