## Skagit Levees - Review of alternative levee routes

1. Comparative cost estimates have been developed for alternative levee routes at two locations:
   a. Between Burlington & Sedro Woolley to prevent overflow to Samish Valley
   b. South of Mt. Vernon Urban protection

2. Cost estimates for 3 routes for 1a are as follows:
   - Segments 8 + 5 + 4: $788,000
   - Segments 8 + 5 + 7 + 2: $1,389,000
   - Segments 2 + 3: $2,359,000

   Segment 1 is common to all three alternatives and therefore was not included in estimates.

   Unless there are economic benefits to offset above cost differences, we recommend route consisting of Segments 8, 5, 4, & 1 to prevent overflow to Samish.

3. Cost estimates for two alternate routes for South Mt. Vernon Urban levee are as follows:
   - Segment 26 (raise Britt Slough road): $1,570,000
   - Segment 27 (field route west of Britt Slough): $862,000

   Because of obvious cost advantage, we recommend route west of Britt Slough.

4. In addition to P3, discussion with Economics Sec (Vogler) reveals that south segment of South Mt. Vernon Urban levee should be via Segment 29 rather than Segment 30.
due to apparent residence relocation costs and apparent economic benefits available in area between segments 29 & 30.

5. Unless there are sufficient economic advantages to offset cost differences indicated in P 2\(\frac{1}{2}\) above, we will assume final levee routing as follows:
   a. Burlington - Sedro Woolley - Segments 8, 5, 4, 1

Both routes are shown on attached maps.

WPM

cc Brooks

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McKinley