

Theoretical Rate Concepts Comparison

| Issue | Option 1 - w/o Corps | Option 2 - w/o Corps | All Options - w/ Corps |
|---|--|---|-------------------------------------|
| Estimated plan cost | Unknown | \$525M (set according to affordability) | \$525M |
| Plan Description | Modified version of Corps Alt 3c, to include downtown floodwalls, North Truckee Drain realignment and Home Elevation Program | Defined plan is unknown, resulting plan will concentrate on providing the maximum level of flood protection | Modified Alt 3c |
| Possible Initial Rate Strategy | Begin w/ smoothed or lowest initial rate for affordability; expect to transition to Corps' plan as early as possible | Begin with constant rate; transition to Corps' plan may be done when Federal funding becomes available | New boundaries & rates |
| Set rates in advance of Federal appropriations | Yes | Yes | Yes |
| Retains Restoration and Recreation Plan elements | Yes | Potential Reductions | Yes |
| Can locals afford to build the plan w/o Federal funding? | Very expensive | Yes | N/A |
| Provides 100-yr flood protection | Yes (as approved by Reno City Council for downtown) | Unknown | Yes |
| Potential project acceptability to public w/o the Corps | High; Maintains 100-yr flood protection and restoration/recreation project features | Low; May not provide 100-yr flood protection and a potential for reduction in restoration/recreation plan features | N/A |
| Additional engineering/planning work required before rates can be set | 1. Additional study needed to estimate local construction costs for Mod Alt 3c; | 1. Additional study needed to define the project; 2. Additional study needed to estimate local construction costs for plan elements; 3. Additional engineering to estimate floodplains for benefit determination; | N/A |
| Estimated additional engineering costs | 1. Project construction cost estimate \$150,000 (proposed FCS contract amendment) | 1. Additional plan preliminary engineering \$100,000; 2. Plan elements construction estimate \$250,000; 3. Additional hydraulic modeling \$200,000 | N/A |
| Requires additional public vetting | Alternative 3c has not been vetted among public/private stakeholders | The Local Rate Plan should be developed and vetted using multiple open public forums | Alternative 3c has not been vetted. |
| Potential Risks | High risk; If transition to Corps' plan is not made, ultimate rates will be high | High risk; public acceptability; the benefit-rate relationship may limit the project. | Low risk |