Nile Valley Landslide

Joel Freudenthal Fish and Wildlife Biologist

Science and Management Review June 16, 2010



Public Services

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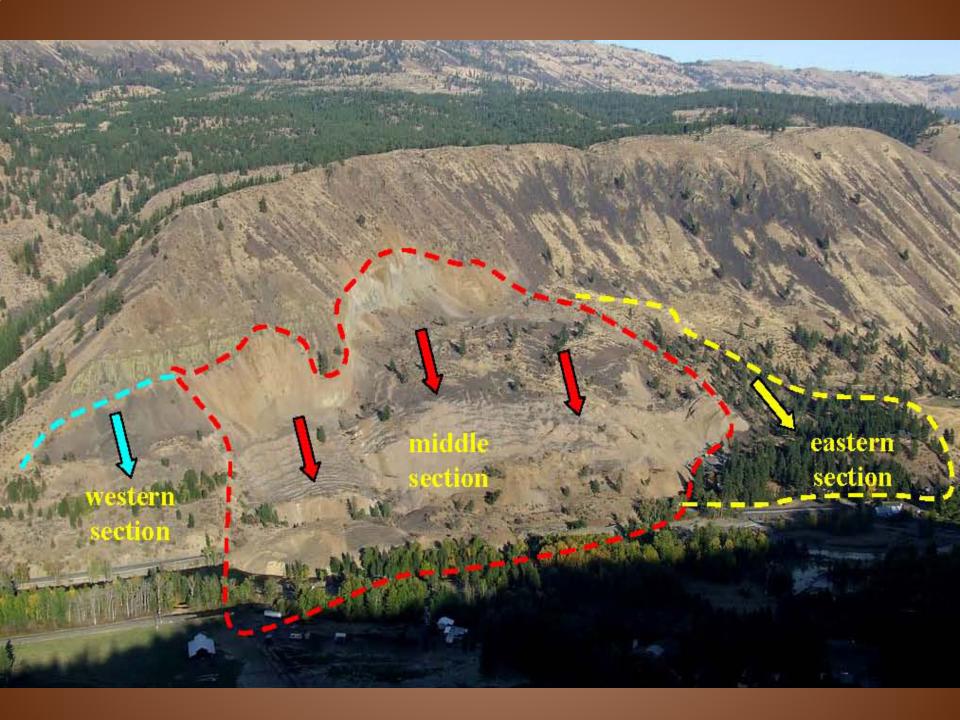
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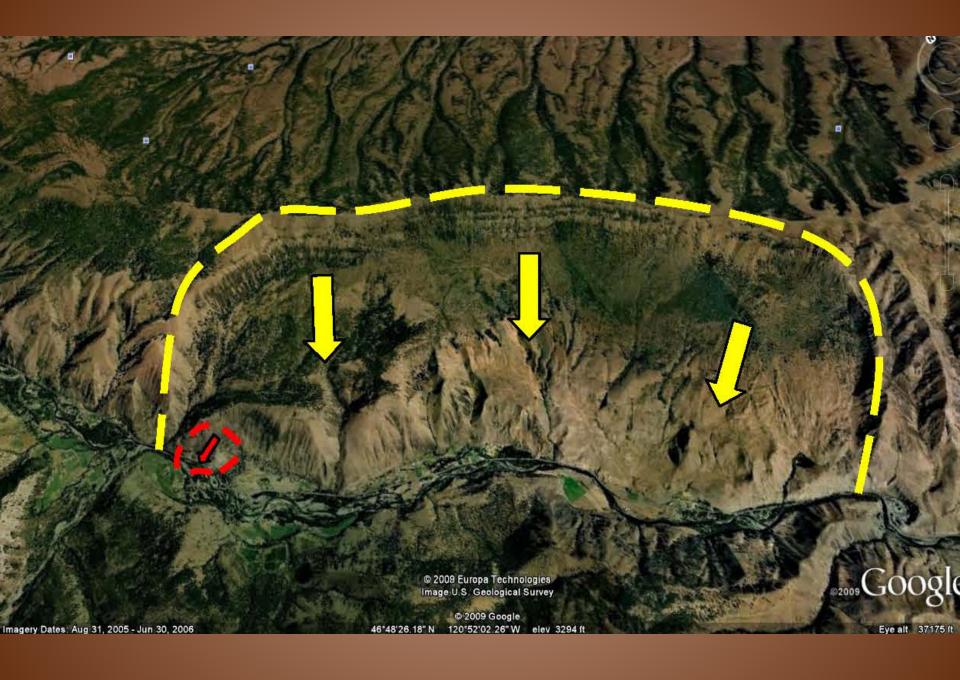
 VERNM. REDIFER, P.E., Director











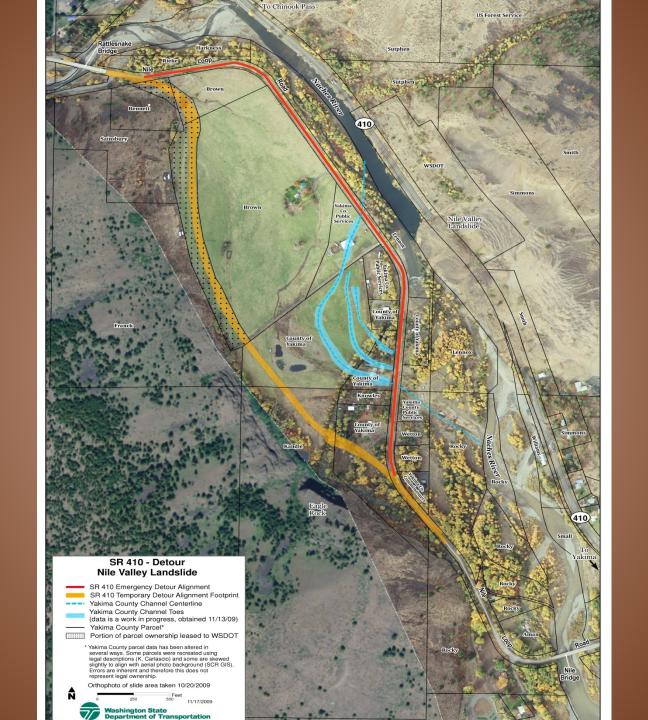








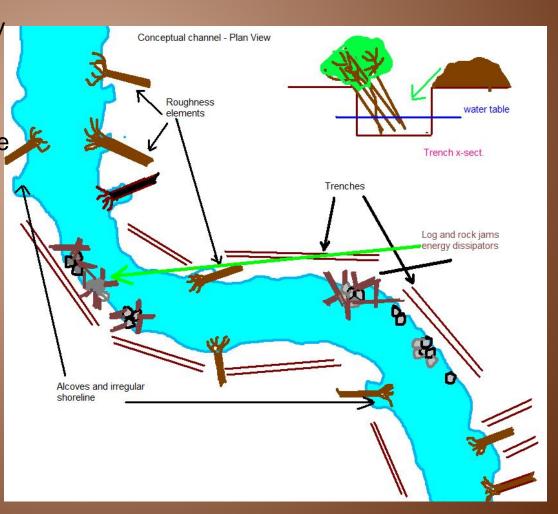








Channel configuration and Capacity – A significant element of randomness should be incorporated into the channel configuration, particularly along the channel margins. The initial channel excavation should be very rough and without any final grading or smoothing of banks. A smooth, even shoreline and trapezoidal configuration should be avoided. Random alcoves, point bars, and anchored log jams, buried trees and root-wads, and boulder groupings, should be incorporated along the channel margins to provide additional shear resistance to scour, prevent erosion, and provide a variety of water depths, substrate, and velocity, as well as providing instream habitat.







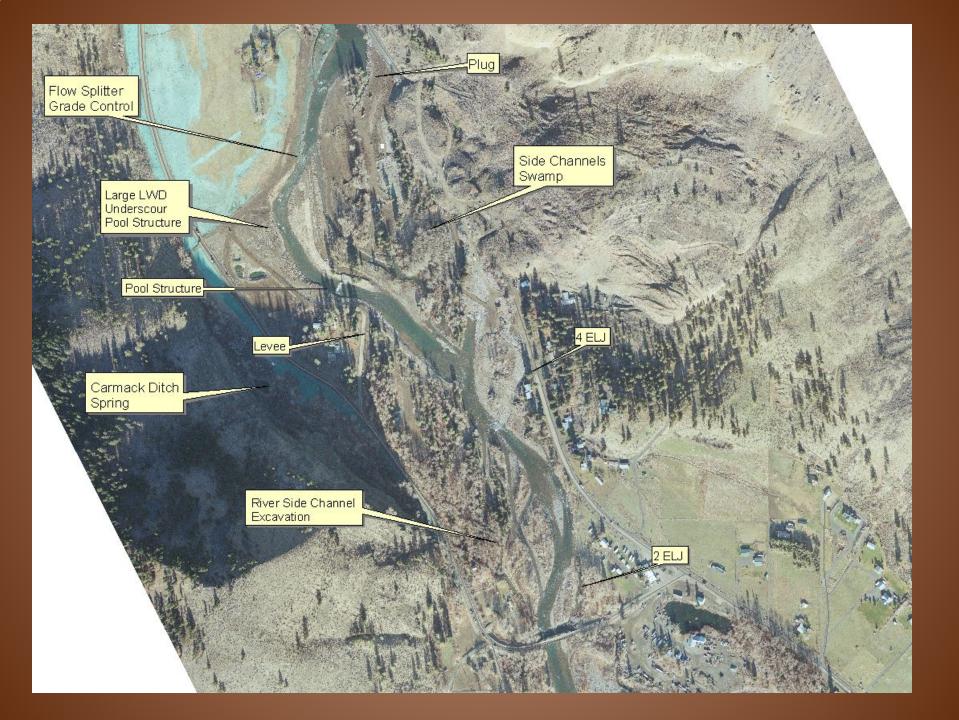
























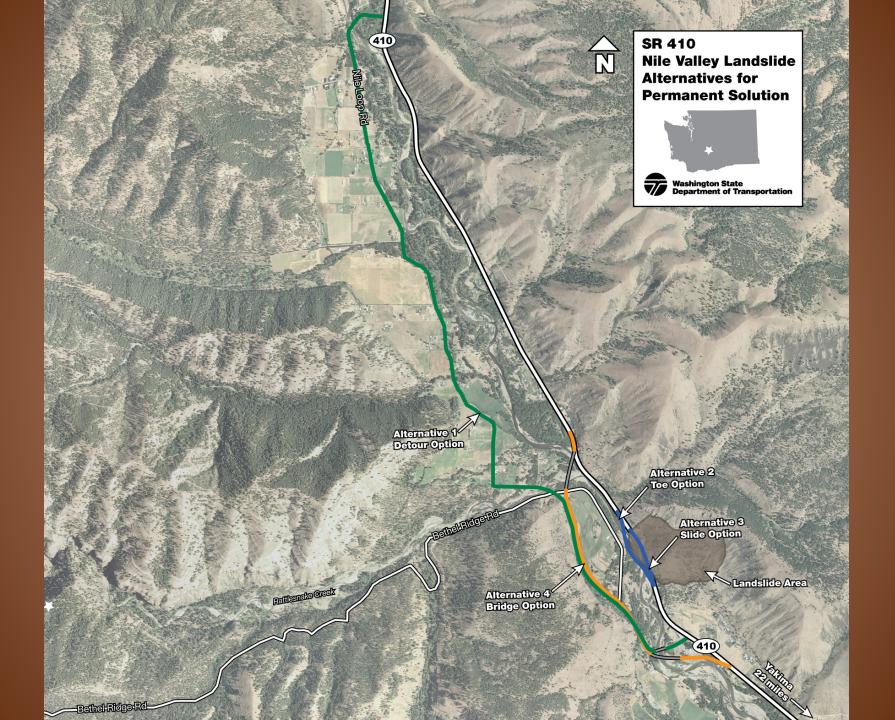


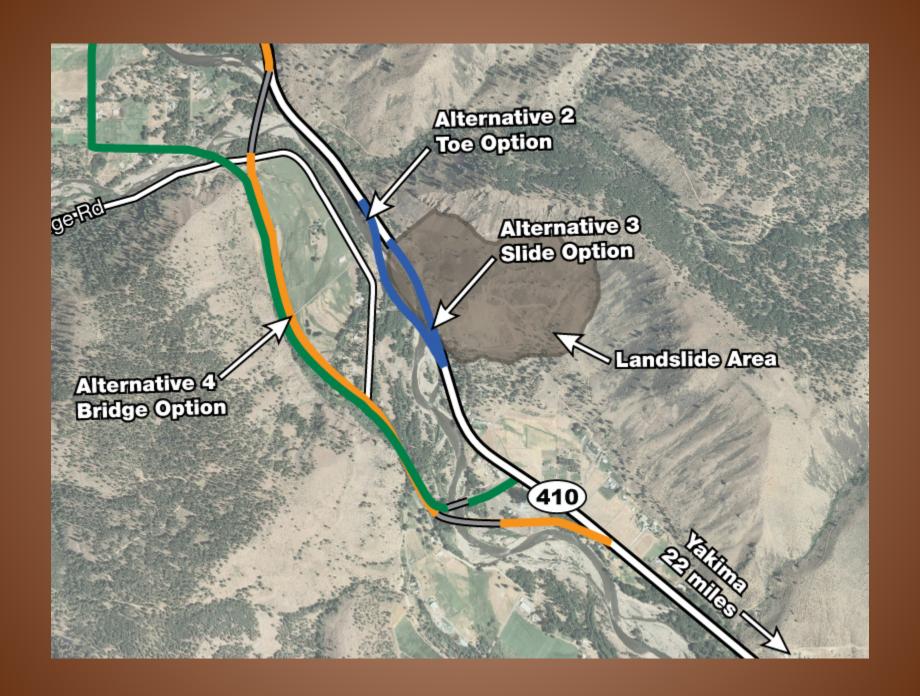


























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