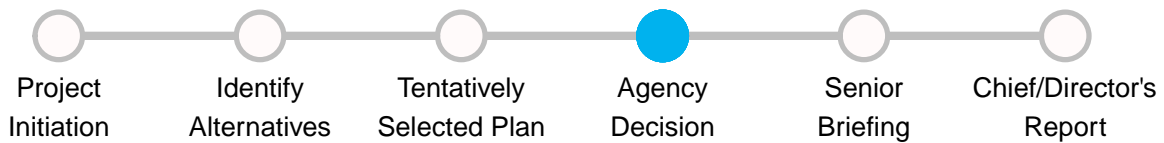


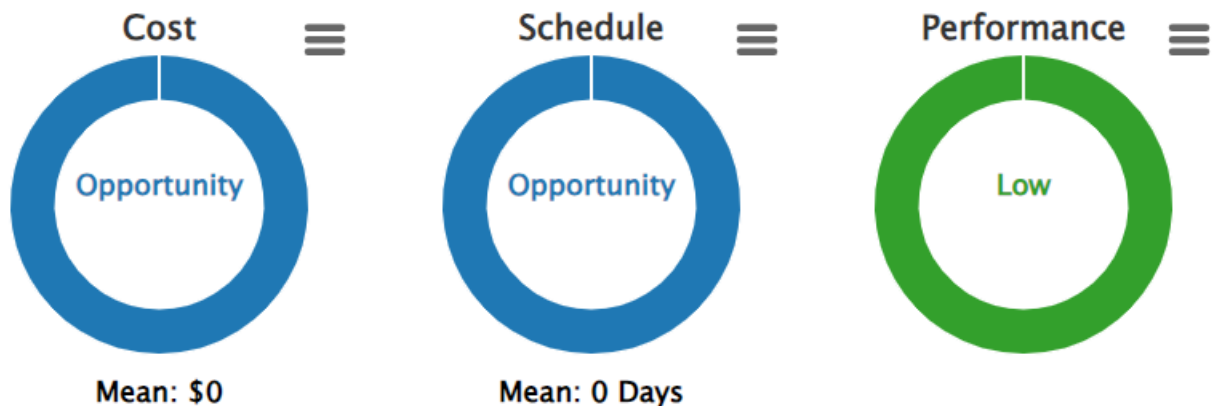
# Risk Item Report

## Risk Summary: Widening of Passing Lanes



Lead Discipline: Engineering - Hydrology and Hydraulics

Widening for passing lanes would be conducted from the centerline of the channel rather than to one side only. Deepening of the channel would impact hardbottoms (HB) on both sides of the channel; however the difference of deepening impacts compared to the widening impacts to these HB are unknown. There is a risk of greatly increasing HB impacts from widening both sides of the channel over the impacts resulting from deepening alone. Additional HB surveys (in situ, qualitative, and quantitative) may be required to assess impacts if widening is determined to cause impacts over deepening alone. Additional mitigation may be required if impacts are greater



Event Likelihood: Likely (50% to 70%)

Hardbottom surveys are ongoing (As of MAY-202X). Impacts will be better understood when these surveys are complete in Fall 202X

## No Impact

Cost Impact	Schedule Impact	Performance Impact
No Cost Impact anticipated.	No Schedule Impact is Anticipated	No Performance Impact is anticipated

## Uniform Example

Cost Impact	Schedule Impact	Performance Impact
<i>Lowest</i> \$0	<i>Lowest</i> 0 days	<b>Performance Impact:</b> Mitigation is available through beneficial use of the rock dredged during construction
<i>Highest</i> \$0 Additional HB surveys to evaluate impacts could be expensive and time-consuming, increasing cost.	<i>Highest</i> 0 days Additional HB surveys to evaluate impacts could be expensive and time-consuming, delaying the study.	<b>Performance Impact Type:</b> Other Mitigation is available through beneficial use of the rock dredged during construction

Cost Impact	Schedule Impact	Performance Impact
<i>Lowest</i> \$0	<i>Lowest</i> 0 days	<b>Performance Impact:</b> Mitigation is available through beneficial use of the rock dredged during construction

## Point Estimate Example

Cost Impact	Schedule Impact	Performance Impact
Most Likely 0	Most Likely 0	<b>Performance Impact:</b> Mitigation is available through beneficial use of the rock dredged during construction <b>Performance Impact Type:</b> Mitigation is available through beneficial use of the rock dredged during construction
Additional HB surveys to evaluate impacts could be expensive and time-consuming, increasing cost.	Additional HB surveys to evaluate impacts could be expensive and time-consuming, delaying the study.	

## Risk Treatments

Risk treatments have not been completed for this risk item

## Risk Log:

Risk transactions have not been completed for this risk item