

CITY OF SHORELINE Planning Level Opinion of Cost

Project: 145th Street Corridor Study: I-5 Interchange
 Project ID: I-5 Interchange Area
 Concept No.: Preferred Concept

Entered by: GMS
 Reviewed by: JAM
 Updated: 3/3/2016

Risk Considerations

Environmental Permitting

Presence of wetlands
 Impacts to ecological sensitive areas
 Multi-agency approvals needed

Likelihood	Impact	Risk Assessment
Low	Low	LOW
Med	Med	MEDIUM
High	Med	HIGH

Design and Construction

Unknown soil conditions
 Contaminated soils
 Unknown utilities
 Underground utility project elements
 Significant structures
 Work within water table
 Little project definition, many unknowns
 New technology

Likelihood	Impact	Risk Assessment
Low	Low	LOW
Low	Low	LOW
Med	Med	MEDIUM
Low	Low	LOW
High	Med	HIGH
Low	Low	LOW
High	Med	HIGH
None	None	NONE

Right of Way

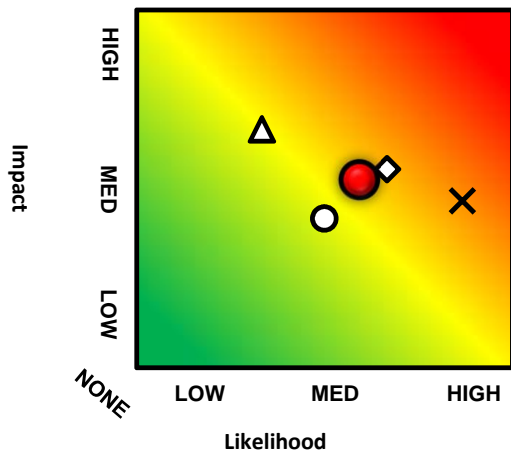
Significant property impacts

Likelihood	Impact	Risk Assessment
Low	Med	MEDIUM

Other Factors

Project scope affected by other projects
 Controversial project
 Multi-jurisdictional project
 Federal funding
 Time constraint

Likelihood	Impact	Risk Assessment
High	Med	HIGH
Med	Low	LOW
High	Med	HIGH
High	Low	MEDIUM
Med	Low	LOW



Risk Matrix

- ◆ Environmental Permitting
- Design and Construction
- ▲ Right of Way
- ✕ Other Factors
- Aggregate Project Risk