But will it look good?

Visual Impact Assessment and Landscape Architecture

Betsy Severtsen and Kim Marcotte





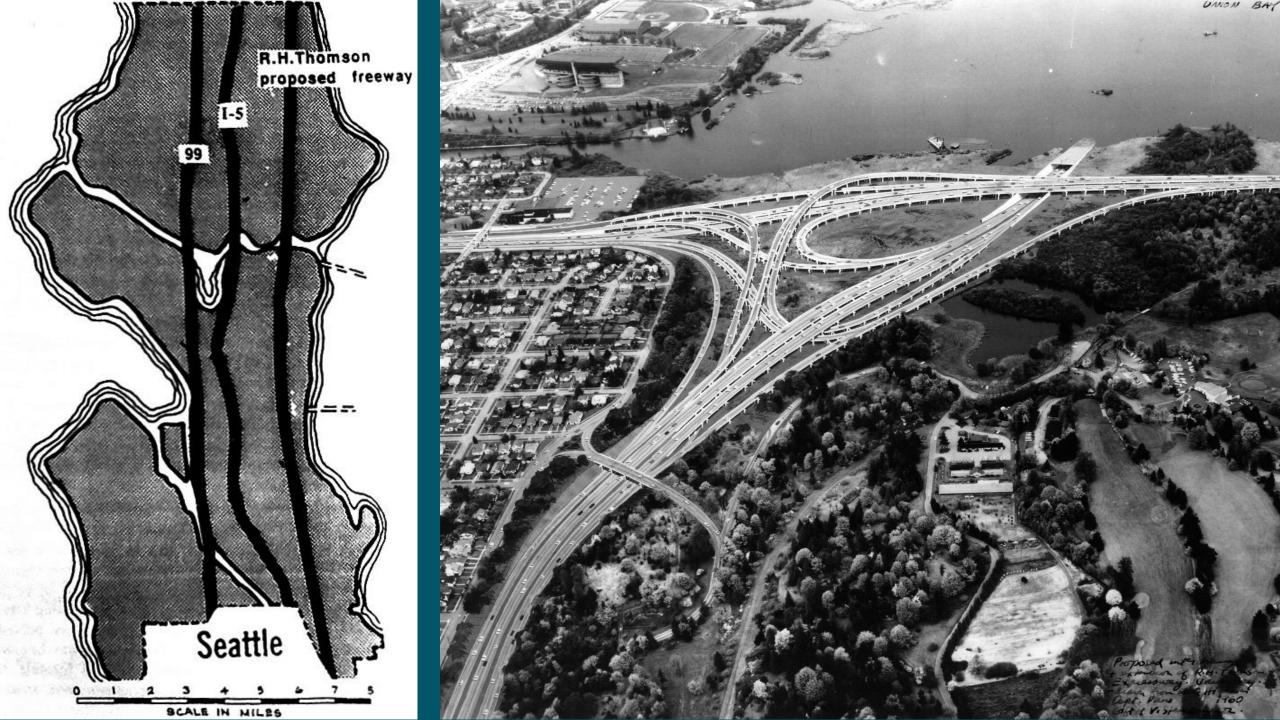
Outline

- Importance
- Planning context
- Process
- Lessons learned







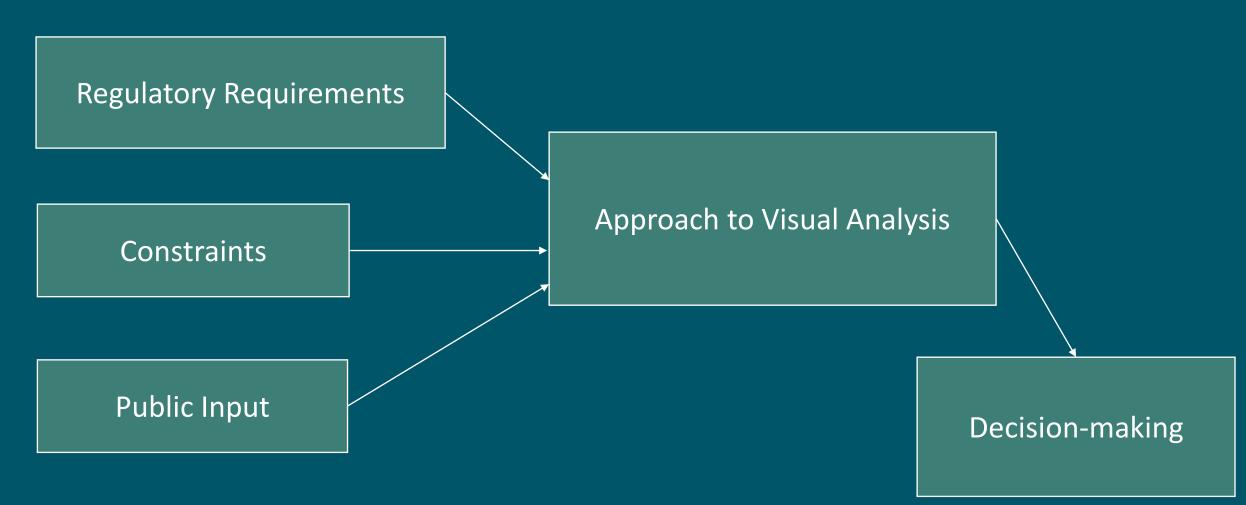








Planning Context



When is this needed?

- Agency involvement e.g., public funds, permitting/approvals
- Protected visual resources
- Controversy and public interest



Agency Oversight

It is the...continuing responsibility of the Federal government to use all practicable means to...assure for all Americans...aesthetically pleasing surroundings...and to identify and develop methods and procedures...which will insure that presently unquantified environmental amenities and values may be given appropriate consideration in decision making



Accepted Methods

Different Mandates



Local Considerations

Growth Management Act

Focuses on maintaining visual character of rural areas

Shoreline Management Act

"The public's opportunity to enjoy the physical and aesthetic qualities of natural shorelines of the state shall be preserved to the greatest extent feasible consistent with the overall best interest of the state and the people generally."

Local Ordinances

Constraints in Planning Practices





Public Involvement

- Mainly during public review (e.g., NEPA) Disclosure!
- Typically limited opportunities prior to publication



Visual Impact Assessment Process

Identification and Context

Project Description

Regulatory/Thresholds

Inventory

Project Description

Regulatory/Thresholds

Geographic Scope/Viewshed Analysis

Viewers/Viewpoints

Landscape Character/Inventory

Assessment

Project Description

Regulatory/Thresholds

Geographic Scope/Viewshed Analysis

Viewers/Viewpoints

Landscape Character/Inventory **Visual Simulations**

Assessment

Impacts

Mitigation

Project Description

Regulatory/Thresholds

Geo Scope

Viewers/Viewpoints

Character/Inventory

Simulations

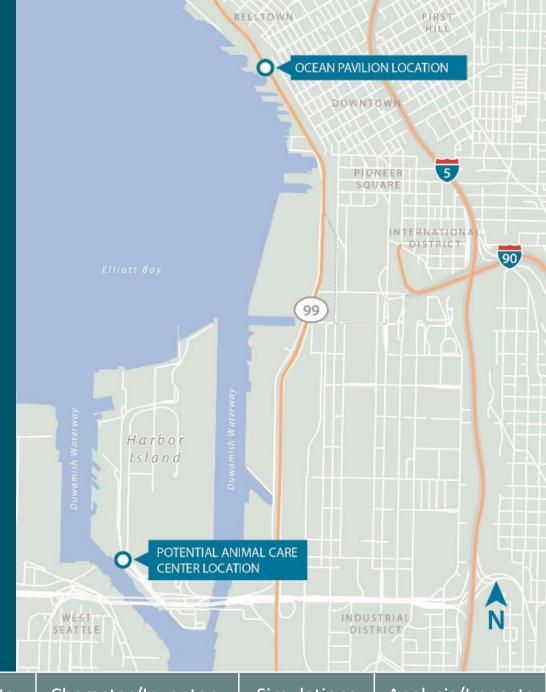
Analysis/Impacts

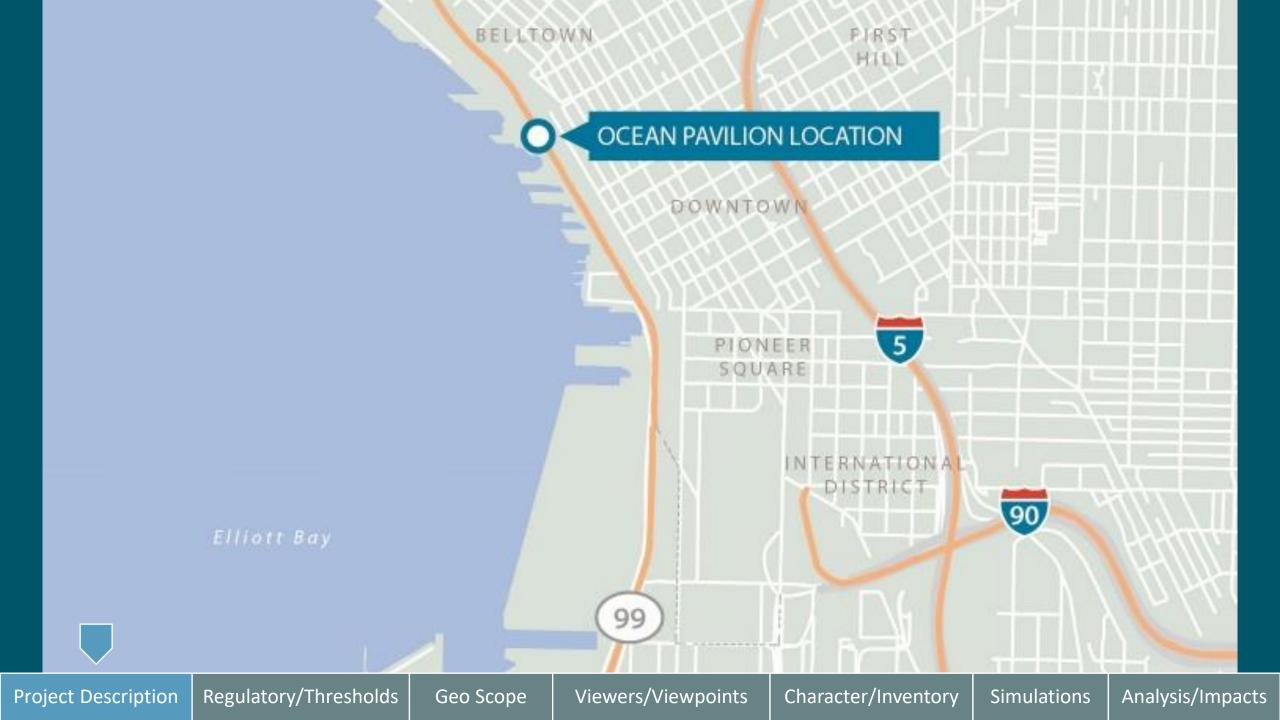
Process via Case Study

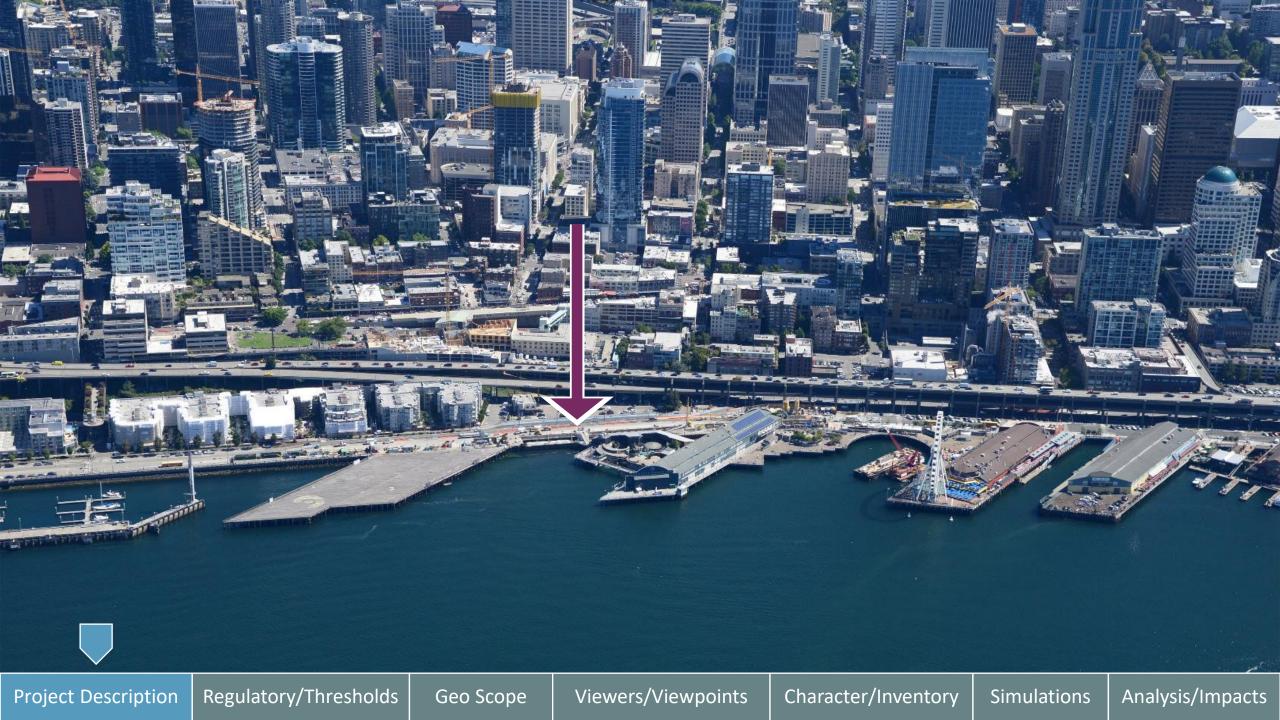




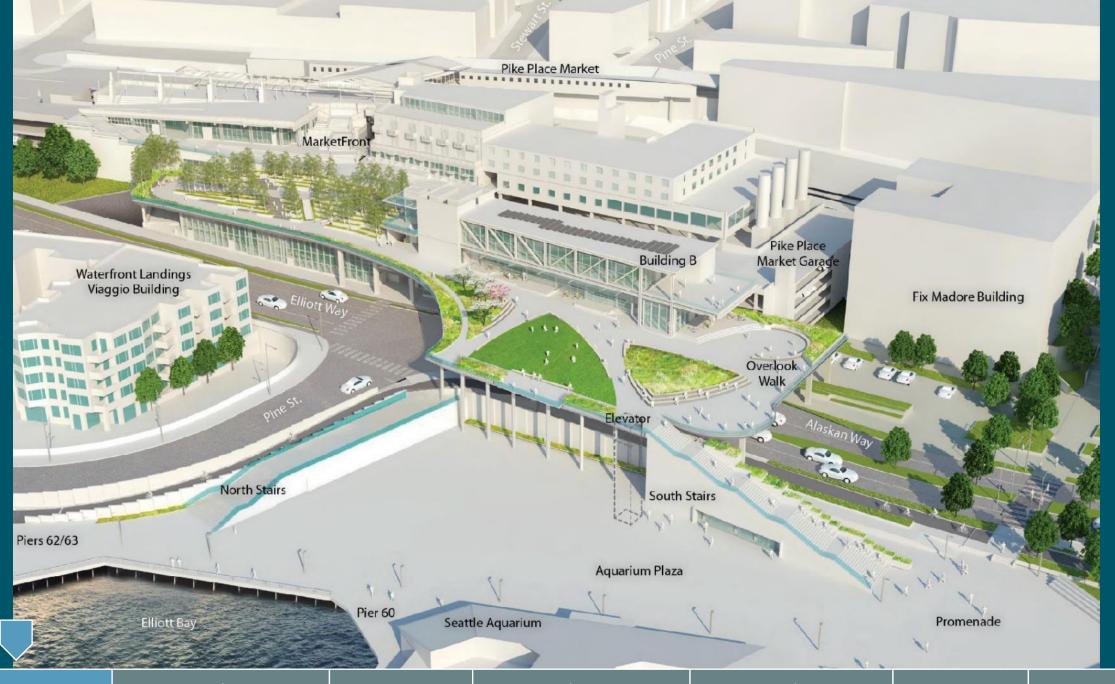












Project Description

Regulatory/Thresholds

Geo Scope

Viewers/Viewpoints

Character/Inventory

Simulations

Analysis/Impacts

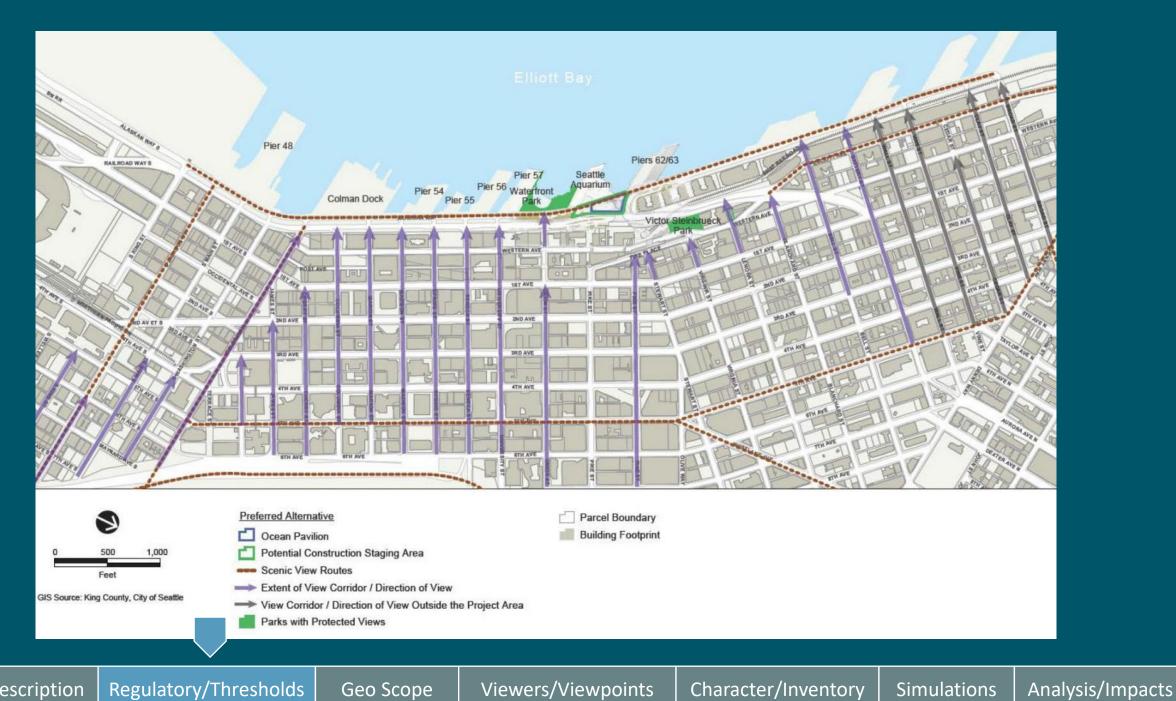


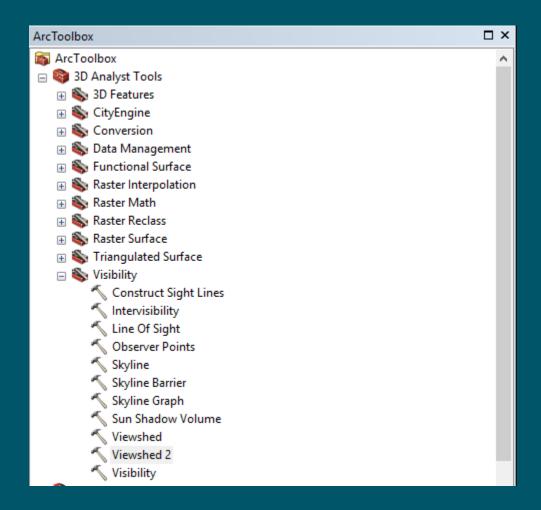
Project Description Regulatory/Thresholds

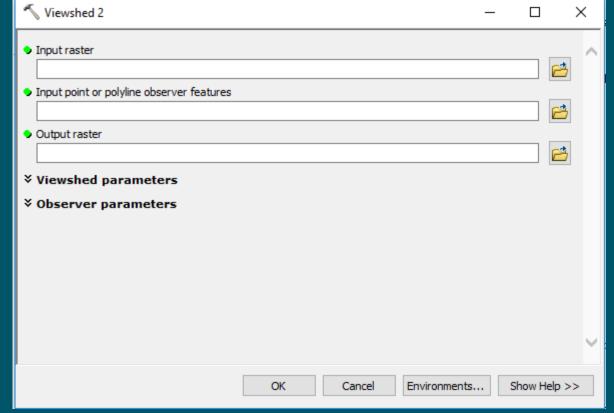
Geo Scope

Viewers/Viewpoints

Character/Inventory



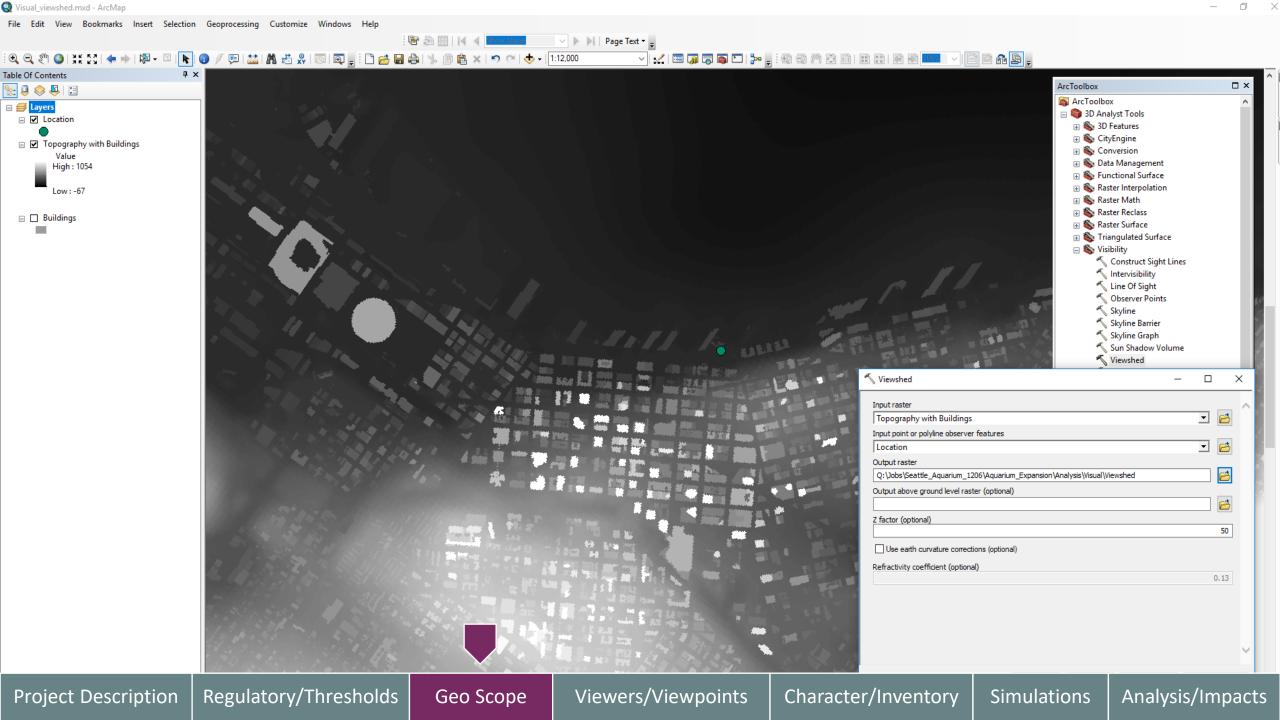


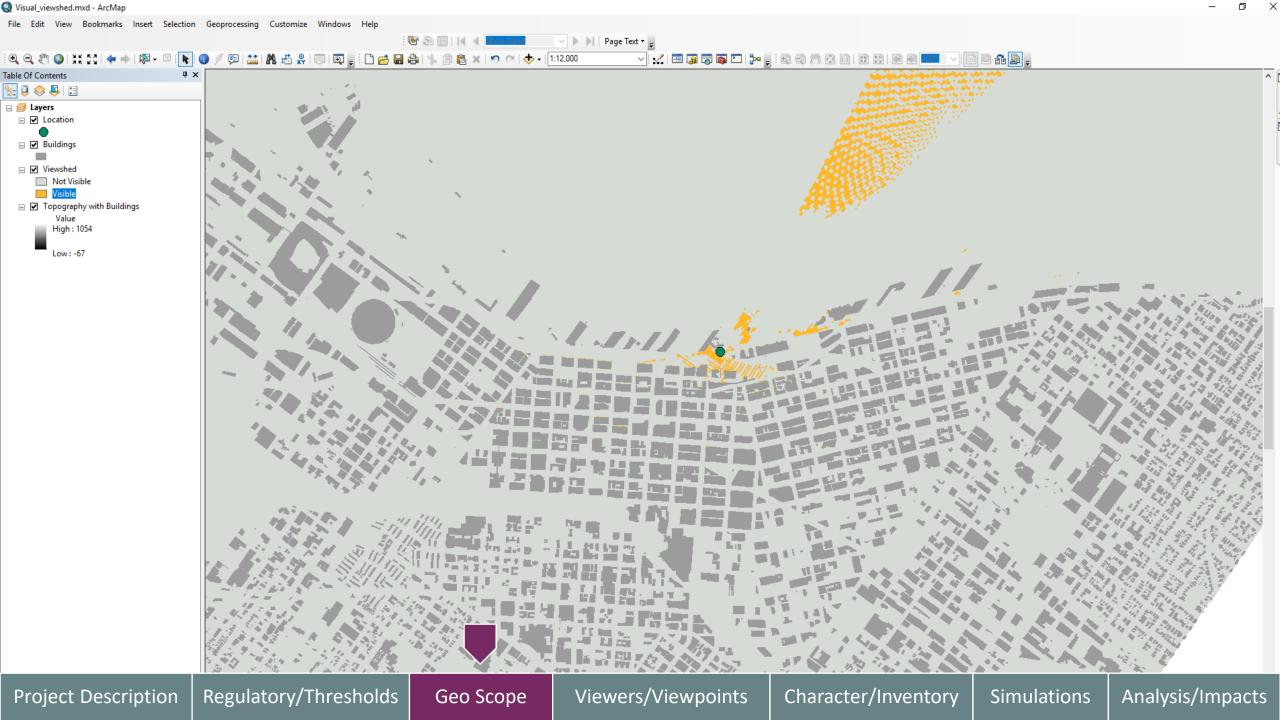


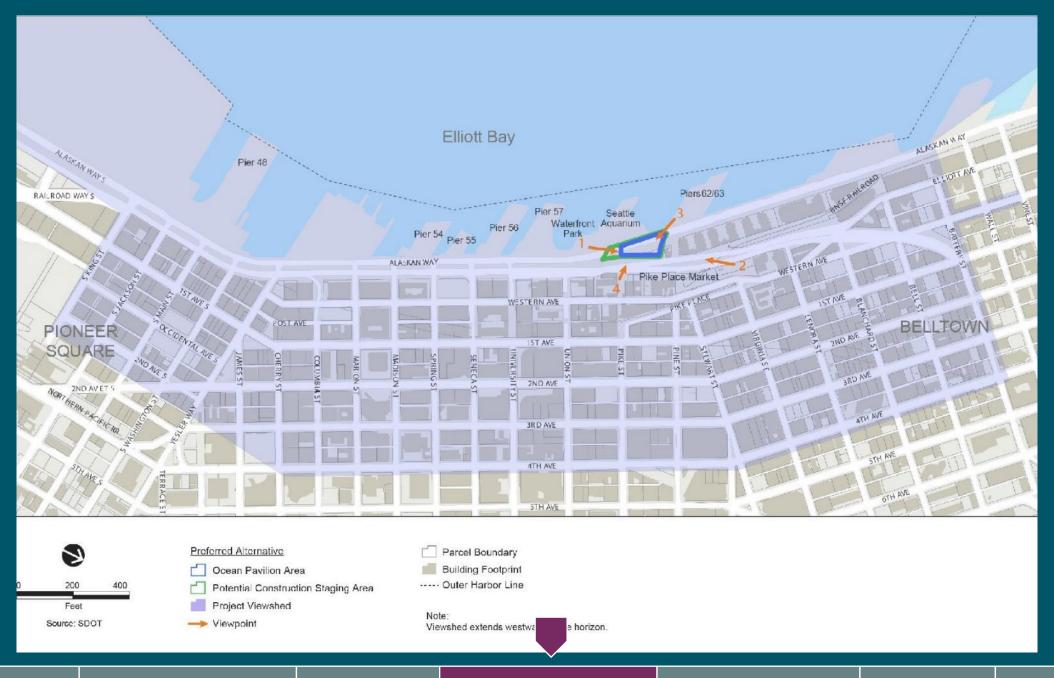








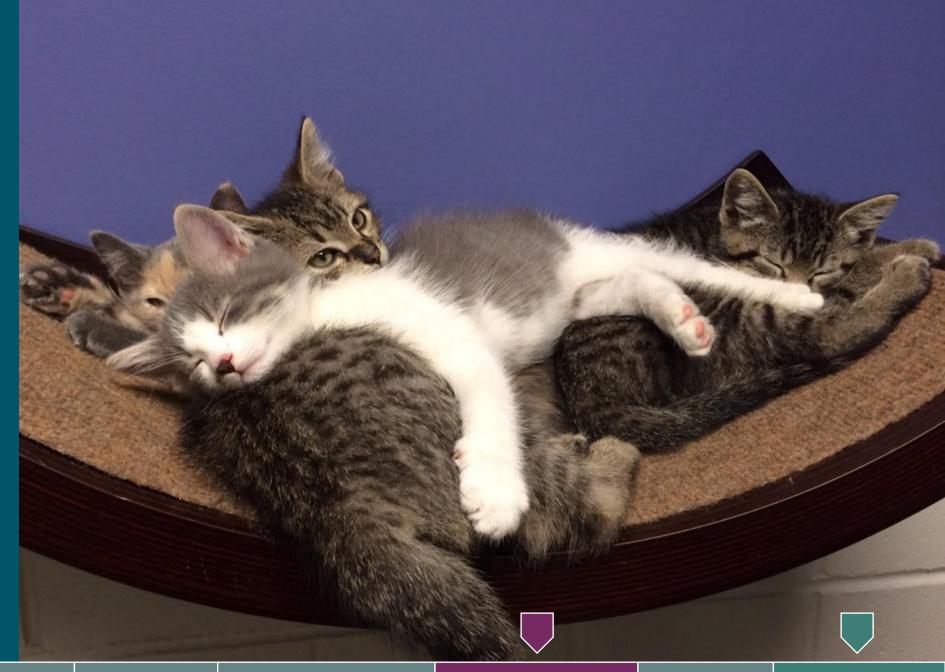






Visual Quality Definitions (Federal Highway Administration)

Natural Harmony



Natural Harmony



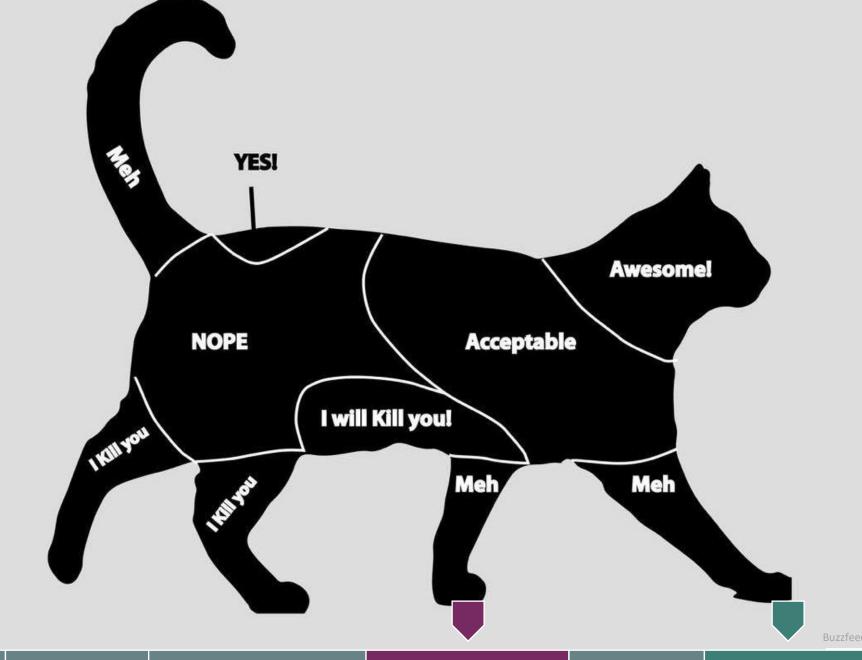
Cultural Order



Cultural Order



Project Coherence



Project Description

Regulatory/Thresholds

Geo Scope

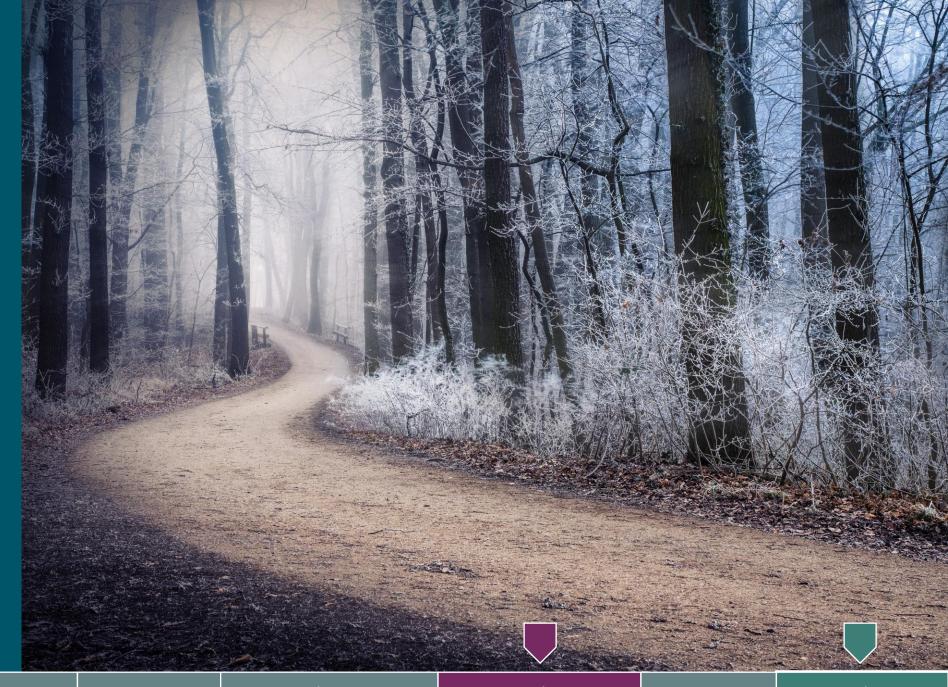
Viewers/Viewpoints

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Project Coherence







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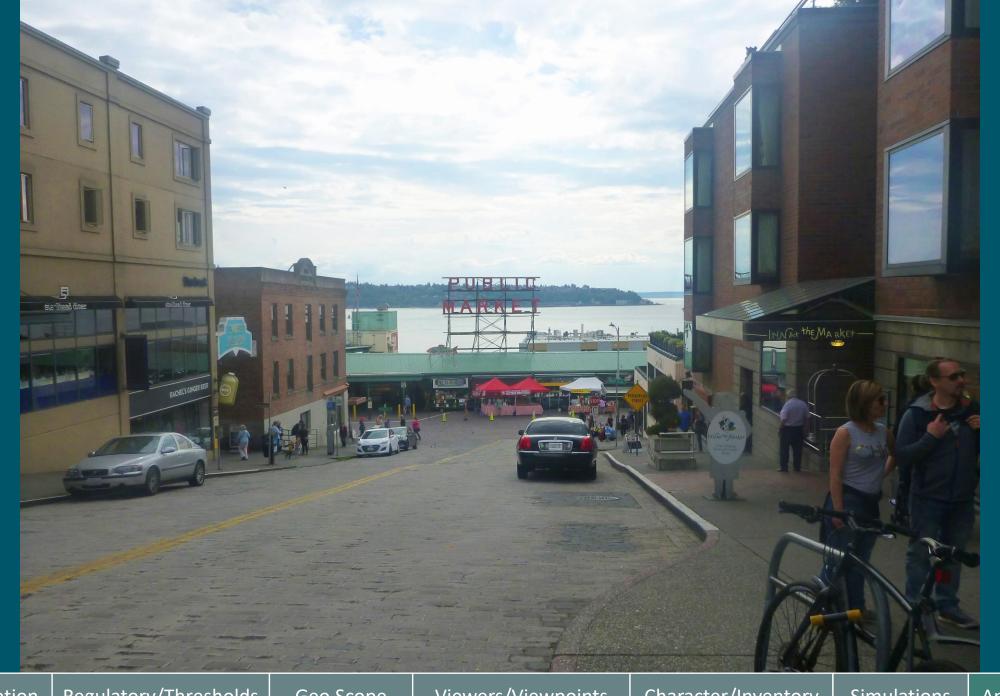
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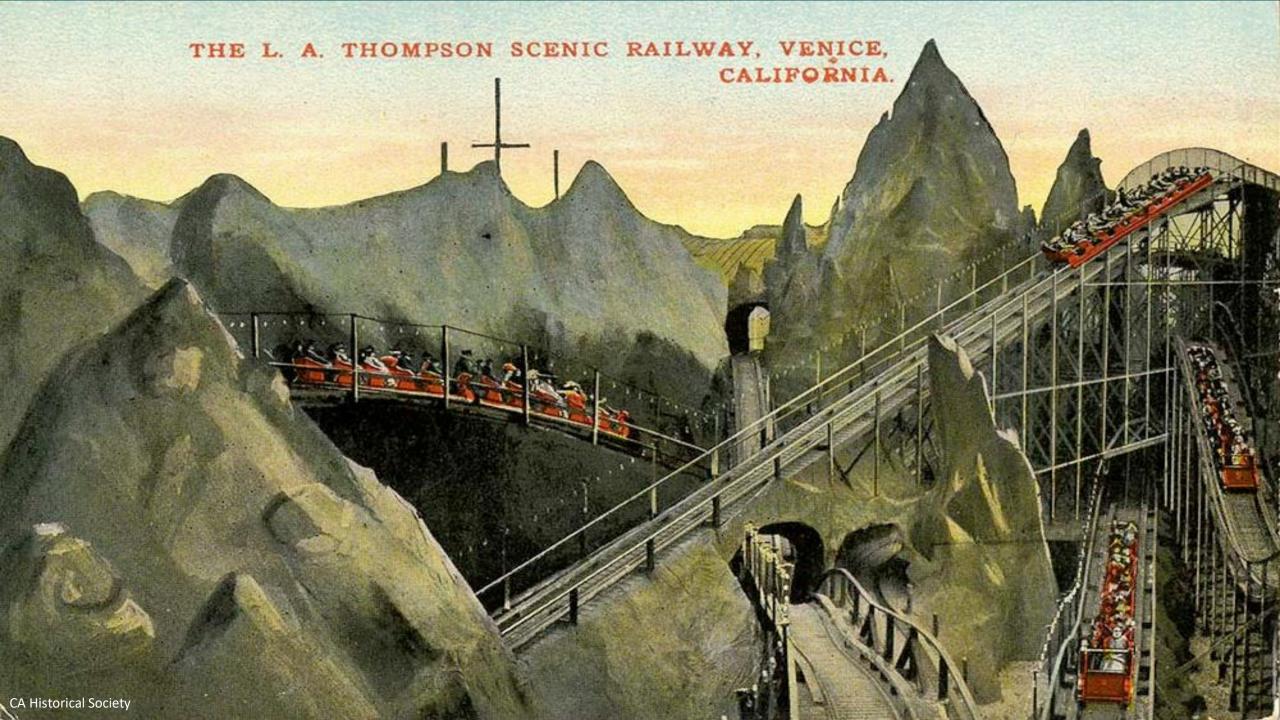
Lessons Learned and Limitations













I Want More!

Visual Resources Clearinghouse: blmwyomingvisual.anl.gov

VIA Conference - October 2019: vrconference.evs.anl.gov

2017 Conference Proceedings: www.nrs.fs.fed.us/pubs/57492

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