

Design Workshop D

Design Workshop

Session D

Session Objective

Select a preferred alternative. Identify appropriate aesthetic and visual quality treatments for the proposed project and reassess how well multi-modal needs are met and community values are addressed.

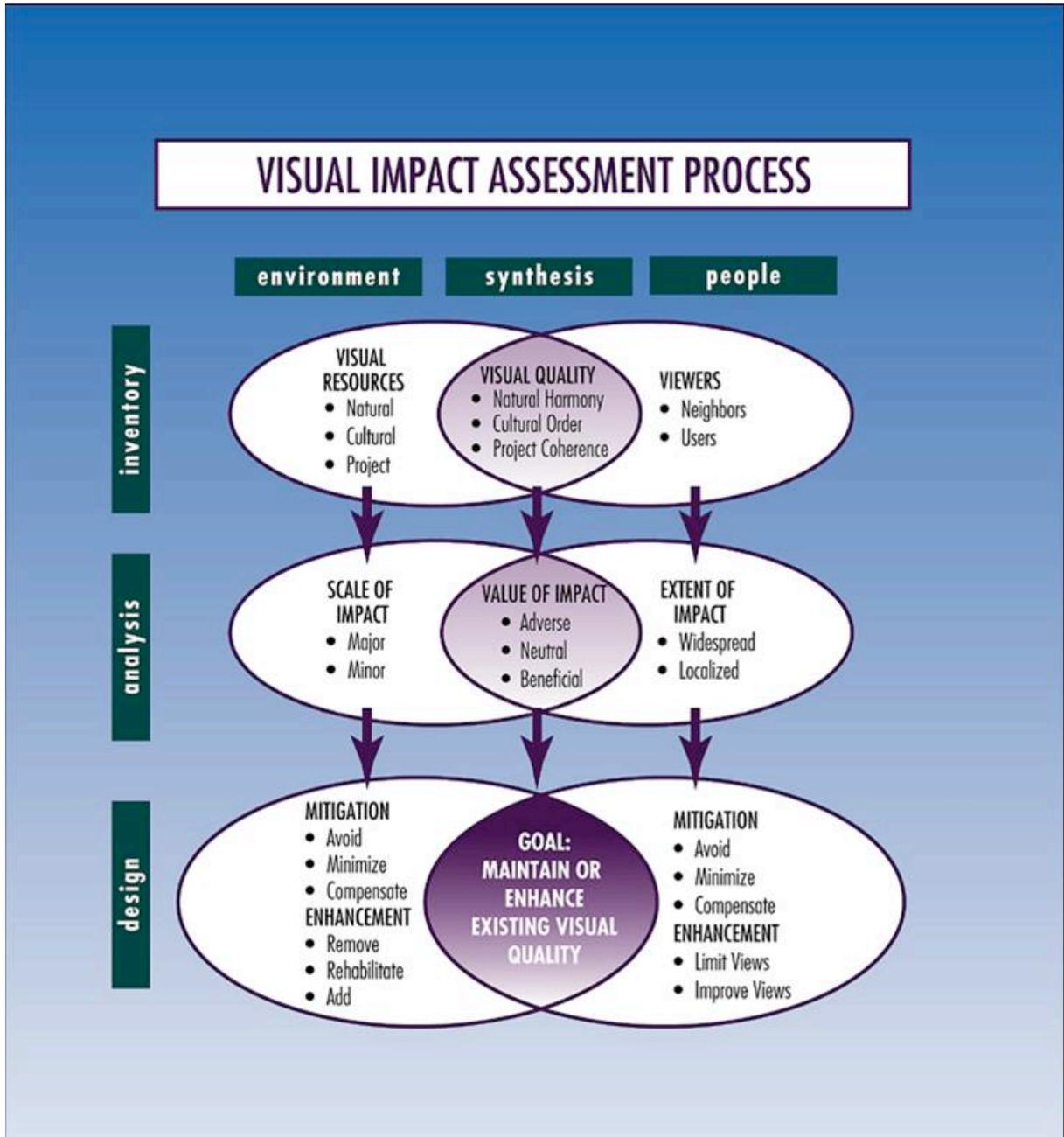
Assignment (1 hour, 30 minutes)

- 1. Review work completed to date and select a preferred alternative.**
- 2. On base map, identify opportunities where aesthetics treatments and/or landscaping could help the project “fit” the context. Consider:**
 - a. Bridges**
 - b. Retaining walls vs. slopes**
 - c. Medians**
 - d. Pedestrian or Bicycle facilities**
 - e. Lighting and boulevard treatments**
 - f. Intersections**
- 3. Sketch materials, treatments or elements that would be used to make project fit its architectural and/or natural context. If needed determine bridge type.**
- 4. Indicate areas where landscaping would be used on base map.**
- 5. Identify how previous cross-section decisions might need to change in order to fully integrate streetscape and landscape treatments. Discuss whether additional design exceptions might be needed and how they would be justified. Discuss how the design process might have been different if streetscape and landscape issues had been incorporated earlier in the development of alternatives.**
- 6. Discuss key context sensitive solutions used in the case study solution and how well they do or do not address multi-modal needs and community values.**

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Visual Impact Assessment Process



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Visual Quality Checklist

Fundamentals of Visual Design

Form – Shape, contour or structure of something

Character – Combinations of qualities or peculiarities that uniquely distinguish something

Detail – Secondary qualities that add interest, appeal and completeness to something as a whole

Scale – Relative relationships of size among elements

Proportion – Magnitude, number of degree relationships of parts to one another and to the whole

Visual Design Elements

- **Paving treatments**
- **Bridges**
- **Retaining walls**
- **Noise barriers**
- **Grading**
- **Signing**
- **Lighting**
- **Trees**
- **Plantings and other landscaping**
- **Fencing**
- **Ponds and wetlands**
- **Transit facilities**
- **Pedestrian facilities**
- **Bicycle facilities**
- **Visual cueing**
- **Other?**

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Visual Quality Checklist

Material Selection and Design Concerns

- **Functional and operational performance**
- **Financial feasibility**
- **Availability**
- **Constructability**
- **Life cycle analysis and costs**
 - **Durability and service life**
 - **Repair and replacement requirements**
 - **Maintenance requirements**
 - **Maintainability and liability**
 - **Waste stream and environmental concerns**
- **Commitment beyond the project – who preserves investments and design intent?**