

# Context Sensitive Solutions

## Process (Aesthetics)

**Context Sensitive Solutions (CSS)** is a collaborative approach to transportation facility design and engineering that involves all stakeholders in the process of developing a solution that is appropriate for its setting. The goals of this process are to preserve and enhance local scenic, aesthetic, historic, and environmental resources while improving transportation safety, mobility, and infrastructure.

### ✓ Phase 1

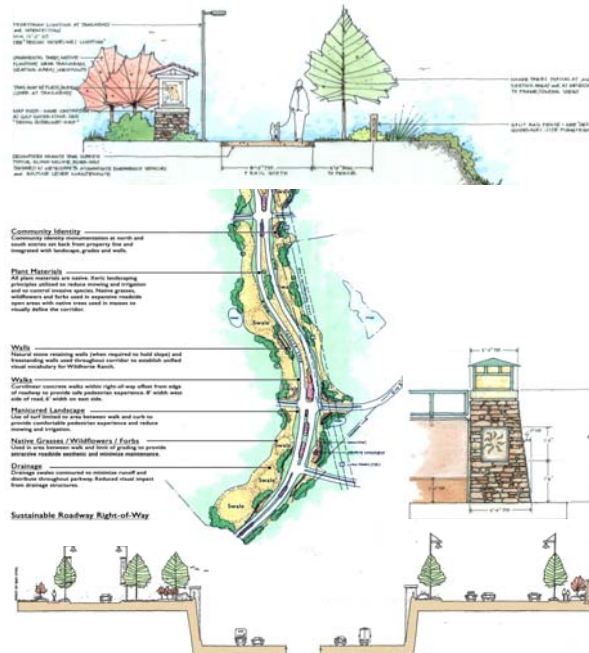
- Review context
- Establish common understanding
- Review & prioritize potential solutions
- Craft CSS vision
- Identify potential design opportunities



Site Analysis

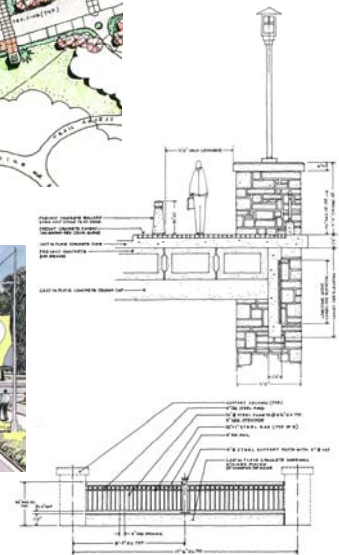
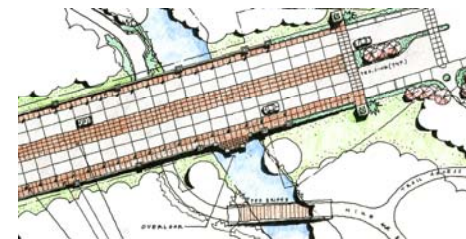
### Phase 2

- Present potential design opportunities
- Discuss use in corridor applications
- Seek input from participants
- Reduce range of CSS concepts
- Discuss solutions and variations



### Phase 3

- Present final CSS Solutions
- Confirm solutions are appropriate for Oak Hill and obtain stakeholder consensus
- Identify any adjustments needed to complete CSS Guidelines
- Prepare CSS Guidelines





January 20, 2015

# Context Sensitive Solutions (CSS)

## Online CSS Survey #1 – Top 3 Priorities

Through an online CSS survey, the community was invited to share their feedback about the context of Oak Hill and what was important to them. Below are the top three community priorities we heard as a result of the survey.

### #1 Pedestrian & Bicycle Access

“I live so close to so many things that would all be walkable/bikeable but would never risk my life cruising down 71...”



### #3 Signage

“Provide reasonable signage with plenty of time to see/react...”



### #2 Environmentally Sustainable

“The oaks that Oak Hill is named for should be protected, preserved and incorporated into the design. Impervious cover should be minimized. Impervious cover related flooding is already a problem in the area and this should not be exacerbated.”





# Bike / Pedestrian Facilities

The project will include:

- Shared Use Paths along US 290 and SH 71
- Sidewalks along frontage roads where there is no Shared Use Path
- Cross Streets will include bicycle lanes (on roadway) plus sidewalks