



# Design Process for Landscape

By David Conner





## Why discuss design process?

- **Landscape architectural process is different from an engineering process**
- **Landscape architecture adds context to our environment**
- **We believe that we can help implement better and more sustainable highway environments**
- **We believe that aesthetics and beauty benefit our society**



## Frederick Law Olmstead Landscape Architectural Values

- Respect the Genius of Space
- Utility Trumps Ornament
- The Art is to Conceal Art.
- Subordinate Details to the Whole.
- Avoid Fashion for Fashion's Sake.



## Design Analysis Process

### 1. Get to know the road



## Design Analysis Process

1. Get to know the road
2. **Document opportunities and constraints**



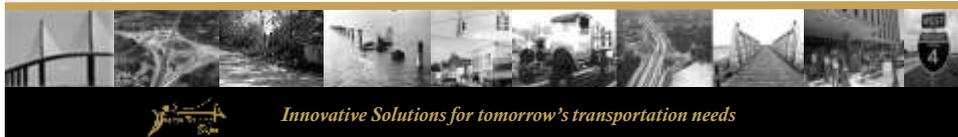
## Design Analysis Process

1. Get to know the road
2. Document opportunities and constraints
3. **Learn from past experience**



## Design Analysis Process

1. Get to know the road
2. Document opportunities and constraints
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4. **Understand local ecology and character**



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5. **Design**



## Design Analysis Process

1. Get to know the road
2. Document opportunities and constraints
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4. Understand local ecology and character
5. Design
- 6. Communicate**



## US 19 at 49<sup>th</sup> Street – Pinellas Park



- FDOT District Seven
- Construction Bid Project
- \$430K Budget



## US 19 at MLK/Cypress – Tarpon Springs



- FDOT District Seven
- Construction Bid Project
- \$430K Budget



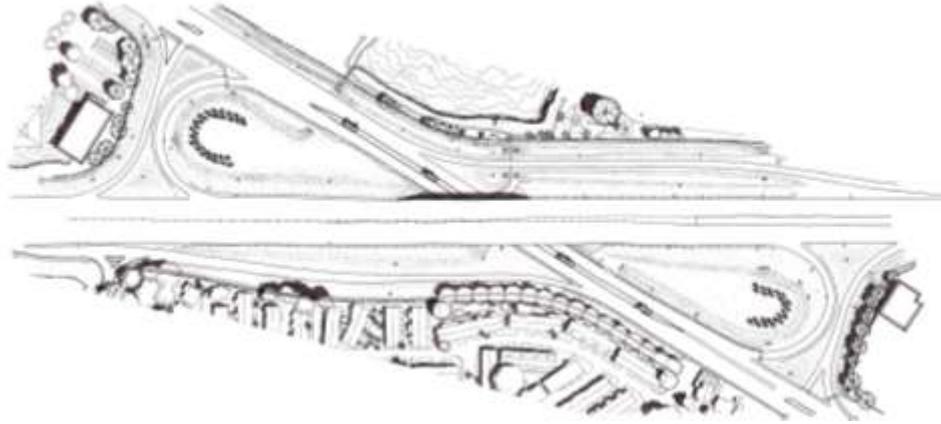
## Respect the Genius of Space

*Take advantage of unique characteristics of a site while also acknowledging disadvantages.*



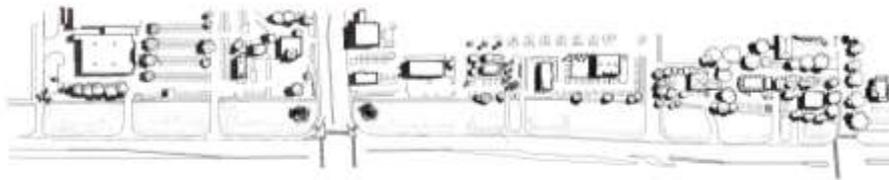
# Get to know the road

Hand draw the road and surrounding boundary



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# Get to know the road

Collect aerials that define context of the area to be improved



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# Get to know the road

Understand the driving experience – Google Street



# Get to know the road

Walk the site and photograph details

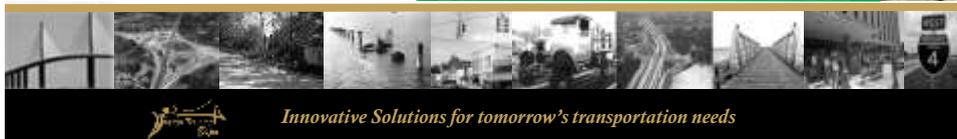


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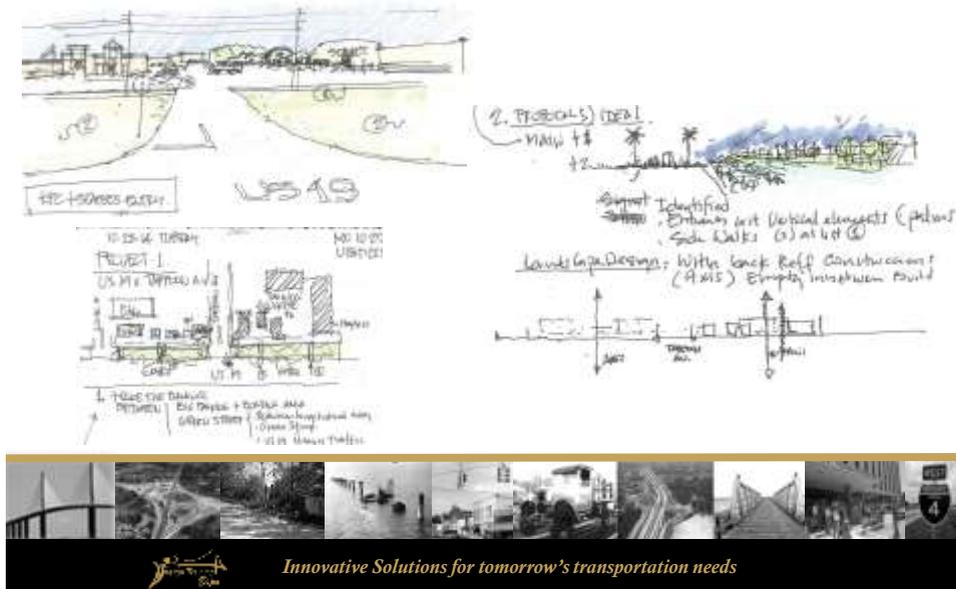
Walk the site and photograph details



# Document Opportunities and Constraints



## Document Opportunities and Constraints



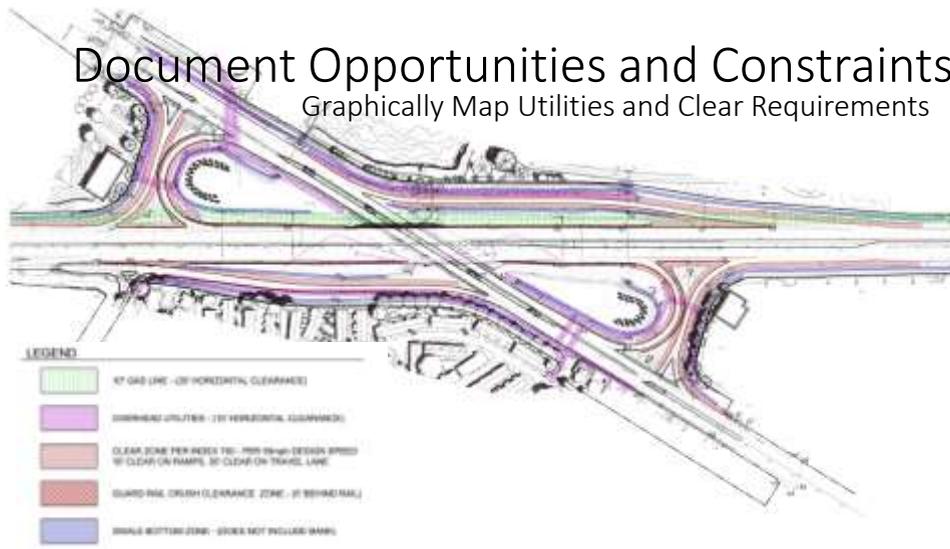
## Utility Trumps Ornament

*Providing for adequate drainage and other engineering considerations matter as much as arranging surface features.*



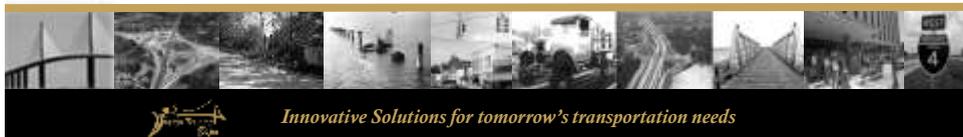
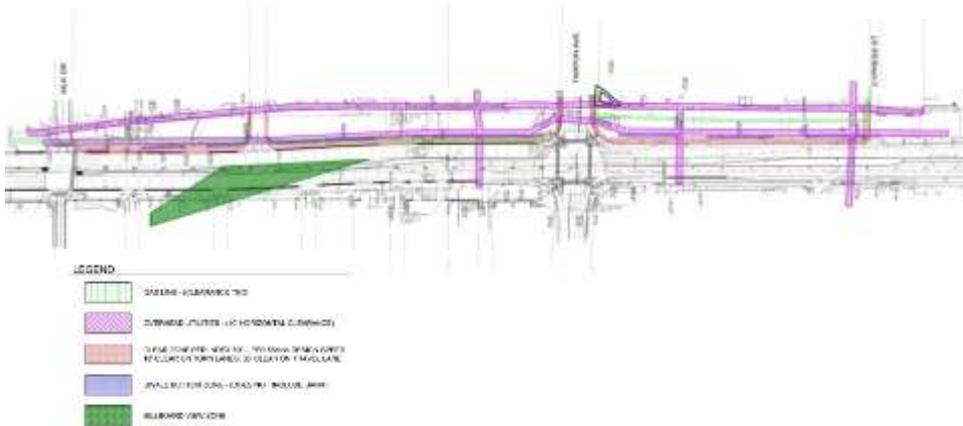
# Document Opportunities and Constraints

Graphically Map Utilities and Clear Requirements



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Graphically Map Utilities and Clear Requirements



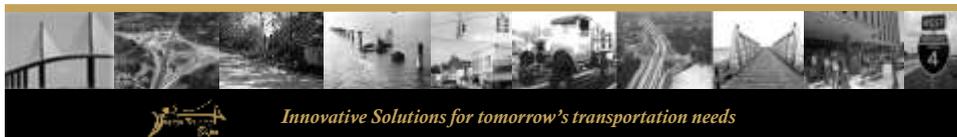
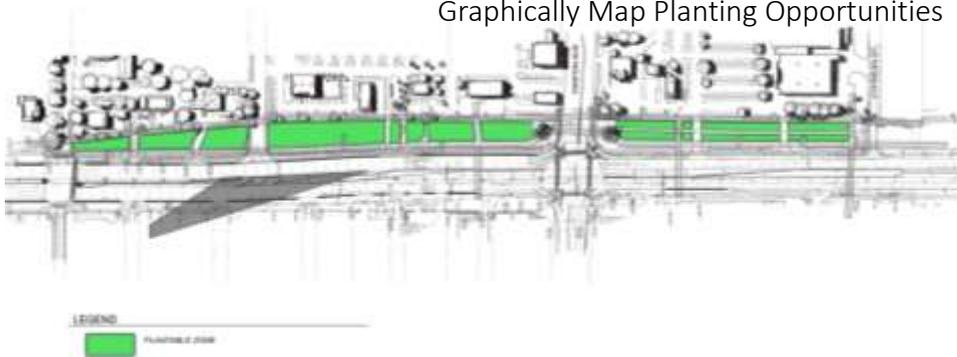
# Document Opportunities and Constraints

## Graphically Map Planting Opportunities



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## Graphically Map Planting Opportunities



## Learn from past experience

Visit previously completed projects – identify lessons learned

### Avoid repeating mistakes

- Plants that perform well
- Problem plants
- High maintenance issues
- Diseases



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## Understand local ecology and character Identify regional characteristics



# Understand local ecology and character

Identify regional characteristics

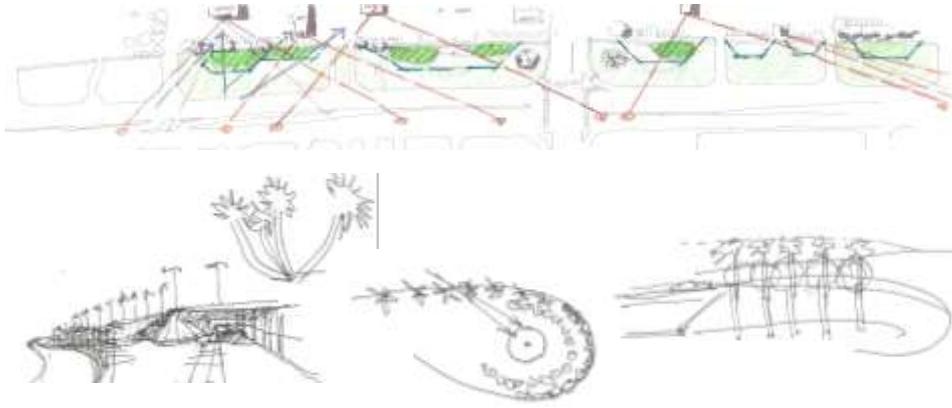


# Understand local ecology and character

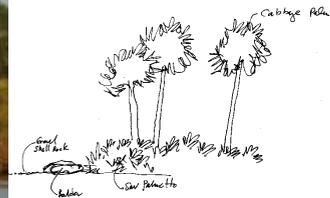
Identify regional characteristics



# Design Sketch

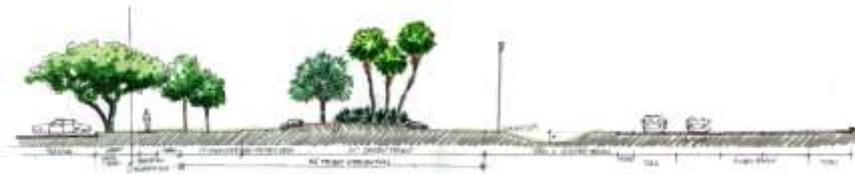
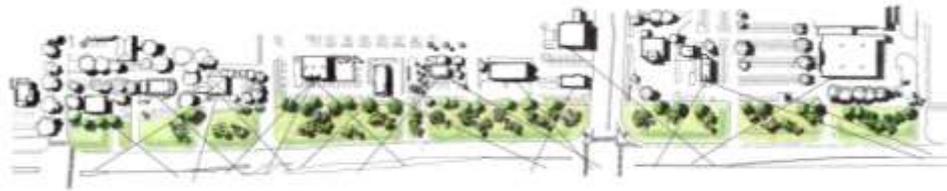
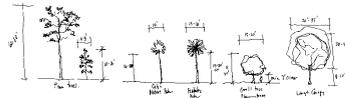


# Design Sketch design concepts for review



# Design

Sketch design concepts for review



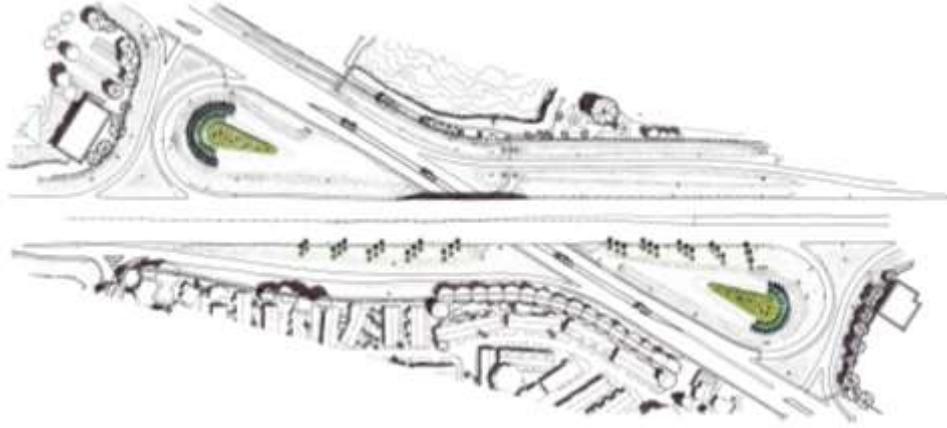
# Communicate

Quick illustrations help communicate the idea



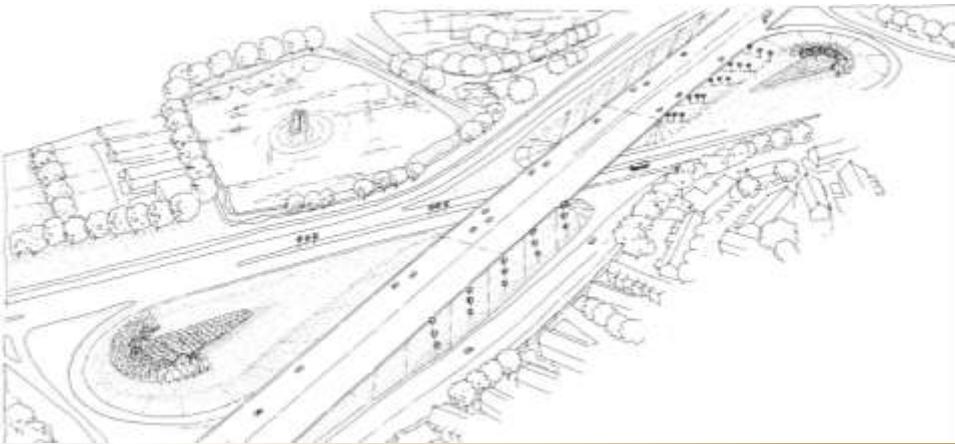
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Sketch design concepts for review



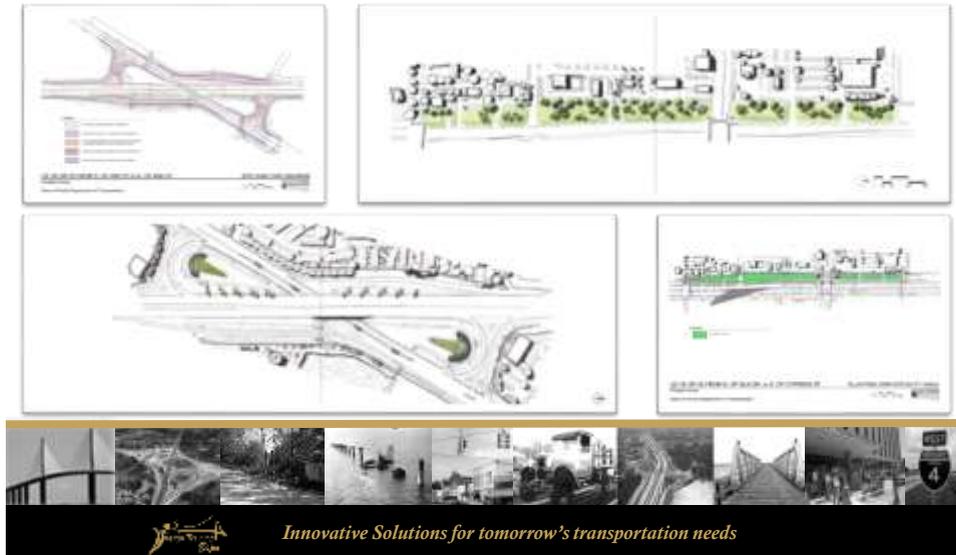
# Communicate

Quick illustrations help communicate the idea



## Communicate

Package all documents as a record of your design process



## Why discuss design process?

- **“The greater damage for most of us is not that our aim is too high and we miss it, but that it is too low and we reach it.” – Michelangelo di Lodovico Buonarroti Simoni (Michelangelo) (1475-1564)**



Questions and comments?

Thank  
+ You

