Landscape Master Plan and Plant Replacement

- 10/16/12 – Districts 1, 2, 5
- 10/17/12 – District 4

- Ryan Heise – Director of Operations, Lakewood Ranch Inter-District Authority

- Bill Waddill, RLA, AICP – Principle In Charge, Kimley-Horn and Associates

- James Pankonin, RLA, LEED AP – Landscape Architect, Kimley-Horn and Associates
Agenda

- Project Introduction
- Review areas of opportunity (the what)
- Review of Scope (the how)
- Cost Review
- Conclusion
- Q&A
Project Introduction

- Opportunities for improvement
- Address problem areas
- Currently doing a fine job
- Investing wisely
Project Introduction cont.

- Overview
- What’s the purpose?
  - Tool for organizing a large amount of information
  - Budgeting
  - Resident education
  - Spending your $ wisely
Turf

Masters Ave - Before

Masters Ave - Middle

Masters Ave - After
Turf

Lakewood Ranch Blvd
Berms

Brier Creek

Siena
Berms

Greenbrook
Neighborhood Entrances

Edgewater  - Before
Edgewater  - Middle
Edgewater  - After
Neighborhood Entrances

Teal Creek
Irrigation Efficiency

Weather Station / Rain Sensor
Irrigation Efficiency

Irrigating across sidewalks

Eagles Watch Way irrigation improvements
General Landscape
General Landscape
High Visibility Intersections & Roadways

Lakewood Ranch Blvd & Masters Ave
Before
High Visibility Intersections & Roadways

Lakewood Ranch Blvd & Masters Ave
After
The Product

- General Recommendations for Improvement
- Series of Maps/Overlays Highlighted with Areas Keyed to Implementation Recommendations
- Photo Inventory/Analysis
The Product

- **Plant Matrix**
  - Establishes a Database of Appropriate Plant Material for Use in Projects
  - Creates Cohesive Palette Throughout Districts
  - Predictable Plant Performance
The Product

- Typical Plans
- Typical Sections
- What They’re Used For
  - Framework/Guideline for Implementation
  - Minimize Site Specific Design
The Product

- Cost Estimate Included with Each Implementation Recommendation
- Allows the Board to Choose Projects and Budget for Associated Costs

### Recommended Improvements

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
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<tbody>
<tr>
<td>1  Campus Core</td>
<td>$533,000</td>
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<tr>
<td>2  Main Entry/Place</td>
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<td>3  Gilmore Springs Road</td>
<td>$560,000</td>
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<td>4  Maintenance Facility</td>
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<td>5  Golf Course</td>
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<td>6  Northwest Meadow</td>
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<td>7  Restoration of Demolition Areas</td>
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<td>8  G Units</td>
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<td>9  Site Lighting</td>
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<td><strong>TOTAL</strong></td>
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### Campus Core Improvement Detail

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<tr>
<th>Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Basic Cost</th>
<th>Labor Cost</th>
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<th>Total %</th>
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<tr>
<td>1  Mobilization</td>
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<tr>
<td>5  Concrete Sidewalks</td>
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<tr>
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<tr>
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<td>22  Future Buildings (Berthing/Drainage)</td>
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<tr>
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</table>

**Subtotal** $1,704,000
**Contingency** 10% $170,400
**Design Fees** 10% $170,400
**TOTAL** $2,249,000
The Product

- Master Plan Book
- Framework for Implementation
- Working Document – Updated as Needed
- Cohesive Design Document
Cost

- Design Fees
- Time and Material

  - $26,615 per district if performed concurrently
  - $36,380 per district if performed standalone
Conclusion
Q & A