OLD WAKE FOREST ROAD
&
DIXIE FOREST ROAD WIDENING
(FROM SPRING FOREST ROAD TO CAPITAL BOULEVARD)

March 8, 2018
EXISTING CONDITIONS

DIXIE FOREST RD.
- 2-lane roadway with some existing curb & gutter and sidewalk installed with previous development.
- Speed limit is 35mph for school zone.

OLD WAKE FOREST RD.
- 2-lane roadway with some existing curb & gutter and sidewalk installed with previous development.
- Posted speed limit is 45mph.
- Average Daily Traffic is 18,000 vpd
PURPOSE OF PROJECT

• Improve Safety
• Reduce traffic congestion
• Provide new bicycle and pedestrian facilities that provide connectivity.
• Improve appearance
PROJECT CHALLENGES

• CSX Railroad Crossing
• Utilities
• Intersections
• Existing Parking Lots
ROADWAY TYPICAL SECTIONS

Old Wake Forest Rd.
Proposed 4-Lane
Divided Typical Section

Dixie Forest Rd.
Proposed 3-Lane
Typical Section
STRUCTURE TYPICAL SECTION

- SAFETY FENCING
- 3-BAR METAL RAIL
- WIDENING OF THE EXISTING BRIDGE & ADDITION OF SIDEWALK
- GRADE POINT

*L -L- (OLD WAKE FOREST RD.)*

- 43’-5"
- 40’-6"
- 40’-5"
- 37’-6"
- 6’-6"
- 12’
- 5’
- 11’
- 11’
- 8’-6"
- 8’-6"
- 1’"/FT
- 1’"/FT
- 2’

*5’ FOR BRIDGE SPREAD*
LANDSCAPE TREATMENTS

• Native and naturalized plants
• Low maintenance, drought tolerant
• Human scale
• Seasonal & sensory interest
• Wildlife habitat enhancement
• Bioretention areas
• Meet sight distance requirements
• Avoid utility conflicts
• CPTED principles
  — Personal safety
  — Pedestrian safety
SUMNER BLVD. TO RURITANIA ST.
<table>
<thead>
<tr>
<th>DATE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>SUMMER 2018</td>
<td>PUBLIC MEETING 65% PLANS</td>
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<td>FALL 2018</td>
<td>PUBLIC HEARING</td>
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<td>SUMMER 2019</td>
<td>COMPLETE RIGHT OF WAY ACQUISITION</td>
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<td>SUMMER 2019</td>
<td>ADVERTISE FOR CONSTRUCTION</td>
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<td>SUMMER 2019</td>
<td>AWARD CONSTRUCTION CONTRACT</td>
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<td>SUMMER 2021</td>
<td>PROJECT COMPLETION</td>
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Question/Answer period