NEW HOPE CHURCH ROAD
FROM GREEN ROAD TO DEANA LANE

Prepared by: Ramey Kemp & Associates
November 29th, 2017
New Hope Church Road
Project Location

PROJECT AREA
• Widen to add bike lanes in each direction.
• Add sidewalks and ramps within project limits.
  • Evaluate and replace culvert.
• Increase curve radii and correct superelevation in curve.
• Infill sidewalk along the north side of Deana Lane
New Hope Church Road
Project Challenges

- Impacts to Parking Lots and Driveways
- Culvert crossing
- Underground utility and waterline impacts
New Hope Church Road
Existing Conditions (New Hope Church Road – looking east)
New Hope Church Road
Existing Conditions (Deana Lane - looking west)
Existing New Hope Church Road
Looking West

Proposed Lane Configuration
Looking West

NEW HOPE CHURCH ROAD
Typical Section – Two Lane Undivided

TYPICAL SECTION

NEW HOPE CHURCH ROAD
New Hope Church Road
Culvert Replacement

- Existing 60” Cross Pipes to be Replaced with 14’ x 6’ Concrete Box Culvert

Existing Cross Pipes

Proposed Box culvert Replacement
New Hope Church Road
Traffic Management During Construction

OBJECTIVES

• Minimize impact to the local residents and commuter traffic.
• Lane closures will be utilized during construction of the culvert when applicable.
• A full road closure will be utilized to install the proposed culvert under the existing pavement location. A detour route will be provided during this time.
New Hope Church Road
Landscape Treatment

OBJECTIVES
• Low Maintenance
• Native and Adaptive Selections
• Provide Streetscape Visual Relief
• Provide Adequate Sight Distance
• Provide Utility Avoidance and Street Light Clearance
• Provide Overhead Clearance Above Walks

NORTHERN PINE (SECONDARY STREET TREE)
SERVICEBERRY (WOODLAND EDGE ACCENTS)
BLACK GUM (ACCENT TREES)
MIAMI CRAPE MYRTLE (STANDARDS – SMALL SECONDARY STREET TREE)
CHINESE PISTACHE (MEDIUM PRIMARY STREET TREE)
MAGNOLIA (OPEN AREA ACCENTS)
BALSAM PINE (PRIMARY STREET TREE)
NUTTAL OAK (PRIMARY STREET TREE)
New Hope Church Road
Landscaping

Planting - Typical Street Section
Street Widening Project
New Hope Church Road
PROJECT SCHEDULE

1st Public Meeting: November 29th 2016

2nd Public Meeting: November 29th 2017

BPAC Meeting: December 18th 2017

Appearance Commission: December 21st 2018

City Council: Anticipated Early 2018

100% Completed Plans: Late 2018

Award Construction Contract: Winter 2018-2019

Complete Construction: Spring 2020

Estimated Project Cost: Construction Cost - $2,140,000
Engineering Services Cost - $353,494.50
R/W and Easement Costs – $200,000.00
Project TOTAL COST – approx. $2,693,494.50
Project Overview & Questions