FIGURE 16
FORSYTH COUNTIES TIP PROJECT U-27827b
ALTERNATIVE 4 - CHERRY / MARSHALL DEEP CUT MAP
US 421 PAVEMENT REHABILITATION, REPLACEMENT OF BRIDGE NUMBERS 178, 276, 286, 288, 291, 293, 305, 312, 313, 336 AND VARIOUS SAFETY IMPROVEMENTS FROM WEST OF FOURTH STREET TO EAST OF CHURCH STREET

January 2014

By: J.TORTORELLA
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT

ALTERNATIVE 4 - CHERRY / MARSHALL DEEP CUT MAP
US 421 PAVEMENT REHABILITATION, REPLACEMENT OF BRIDGE NUMBERS 178, 276, 286, 288, 291, 293, 305, 312, 313, 336 AND VARIOUS SAFETY IMPROVEMENTS FROM WEST OF FOURTH STREET TO EAST OF CHURCH STREET
TIP PROJECT U-27827b
BRIDGE NO. 278 – Y1 – (NC 150) OVER – L – (US 421)

SEE INSET
TYPICAL SECTION ON BRIDGE NO. 278

TYPICAL SECTION
PETERS CREEK PARKWAY
NOT TO SCALE

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS UNIT

TYPICAL SECTION
EXISTING INTERCHANGES MAP
US 421 PAVEMENT REHABILITATION,
REPLACEMENT OF BRIDGE NUMBERS 178,
278, 286, 288, 291, 293, 305, 312, 313, 336
AND VARIOUS SAFETY IMPROVEMENTS
FROM WEST OF FOURTH STREET TO
EAST OF CHURCH STREET

February 2014 Figure 17c
Intersection Traffic Flows - Peak Hour
2021 Detour Conditions

Legend
Proposed Improvements
(Yielding Turn Lanes)

Not/Minimal Change in LOS
(No Proposed Improvements)

Substantial Impacts to LOS
(No Proposed Improvements)

1 LOS - Level of Service
LOS A-D: No Unavoidable Queues
LOS E: Undetectable
LOS F: Queues

LOS G: Queues Substantially
Exceeding Roadway Capacity
2040 Build Conditions
Alternative 3
Off-Site Intersection Improvement Locations

Legend

- Intersection Location
- Intersection Number
- Local Roads

FIGURE 19

TIP: U-2827 B
WBS: 34872.1.1
COUNTY: Forsyth
DIVISION: 9
DATE: January 2014
PREPARED BY: JMP
LOCATION: Reconstruct Business 40 between Fourth Street and Church Street
PROJECT: Business 40 Reconstruction Study
2040 Build Conditions
Alternative 3 & 4

Off-Site Intersection Improvements Locations

Legend

- Intersection Location
- Intersection Number
- Local Roads

PROJECT:
Business 40 Reconstruction Study

LOCATION:
Reconstruct Business 40 between Fourth Street and Church Street

TIP: U-2827 B
COUNTY: Forsyth
DATE: January 2014
PREPARED BY: JMP

WBS: 34872.1.1
DIVISION: 9

FIGURE 20