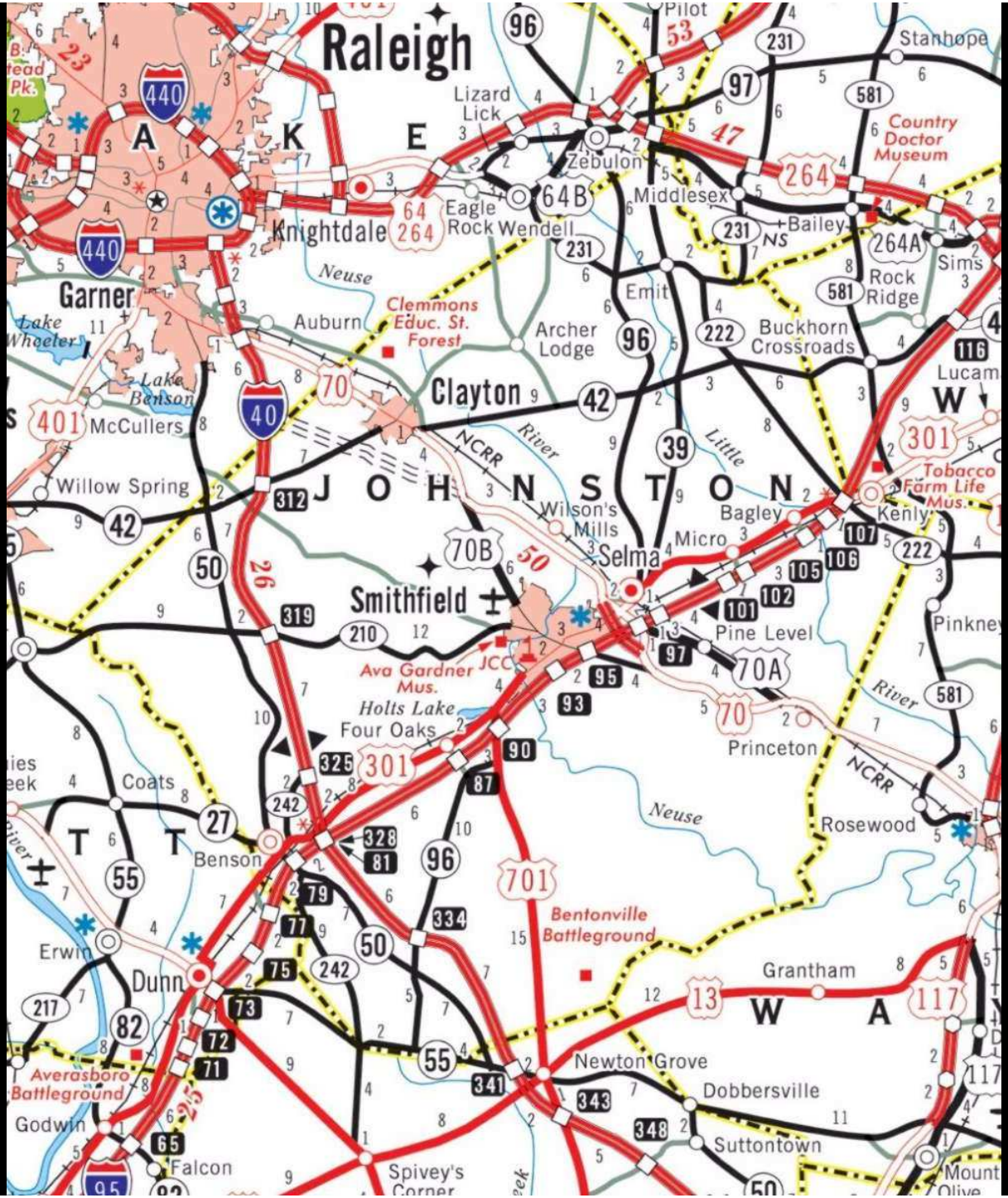
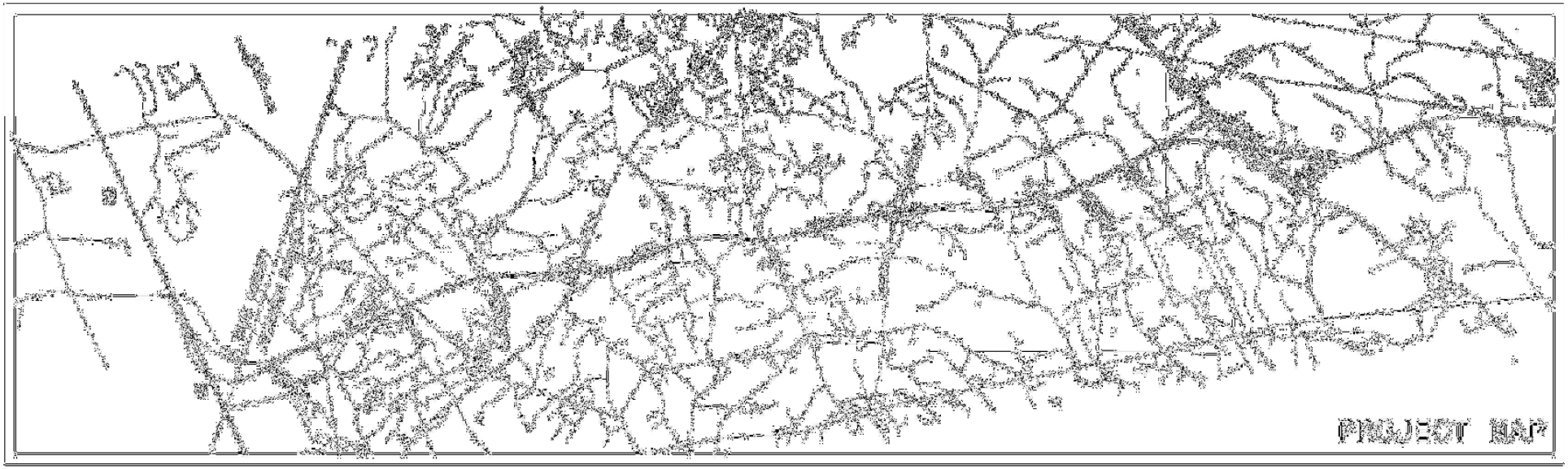

Raleigh
Knightdale
Garner
Lake Wheeler
Lake Benson
Auburn
Clemmons Educ. St. Forest
Clayton
Lizard Lick
Zebulon
Eagle Rock
Wendell
Middlesex
Bailey
Stanhope
Pilot
Country Doctor Museum
Sims
Rock Ridge
Emit
Archer Lodge
Buckhorn Crossroads
Lucama
Tobacco Farm Life Mus.
Kenly
Bagley
Micro
Selma
Wilson's Mills
Smithfield
Ava Gardner Mus.
JCC
Holts Lake
Four Oaks
Pine Level
Princeton
Pinkney
Rosewood
Coats
Benson
Erwin
Dunn
Averasboro Battleground
Godwin
Falcon
Spivey's Corner
Bentonville Battleground
Grantham
Newton Grove
Dobbersville
Suttontown
Mount Olive
McCullers
Willow Spring
Neuse
River
Little
NCRR
NS
A K E
J O H N S T O N
T T
W A
W

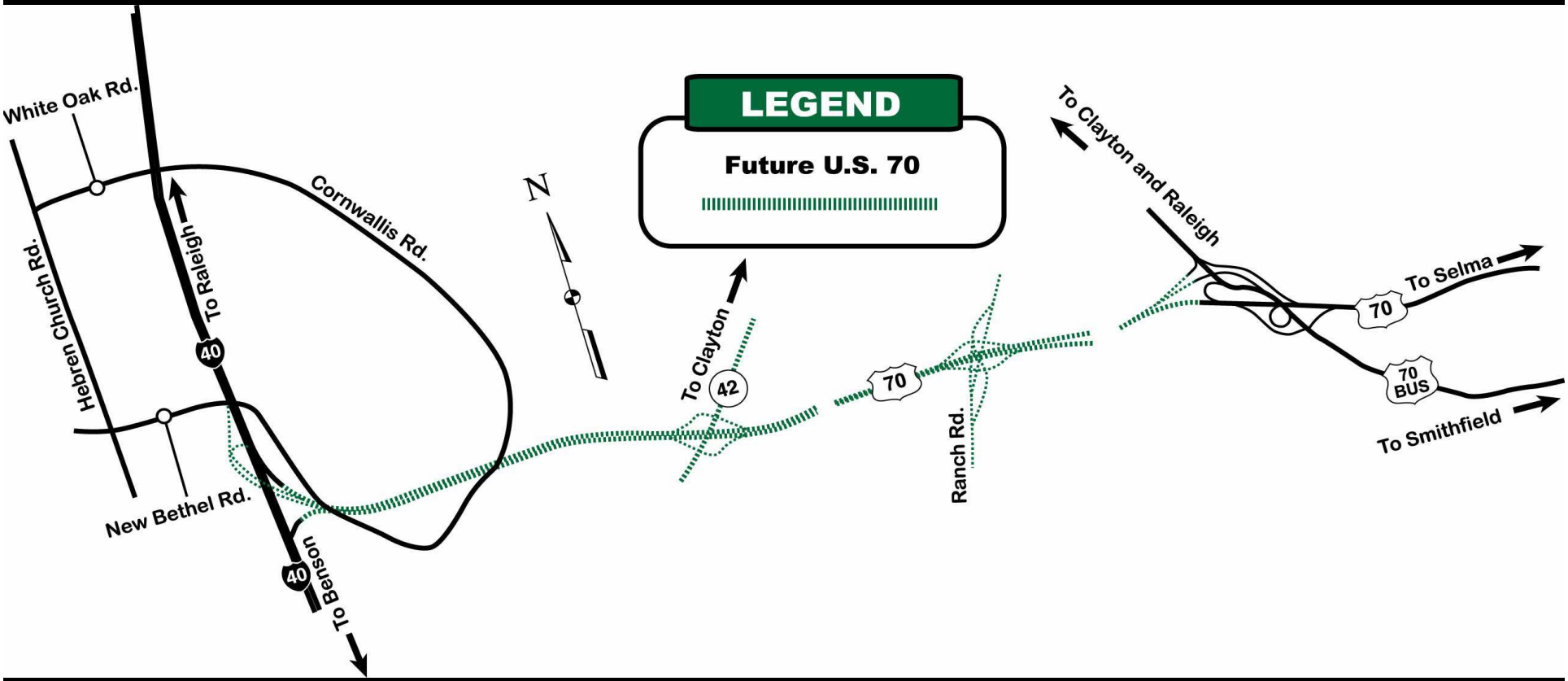
THE NEW U.S. 70



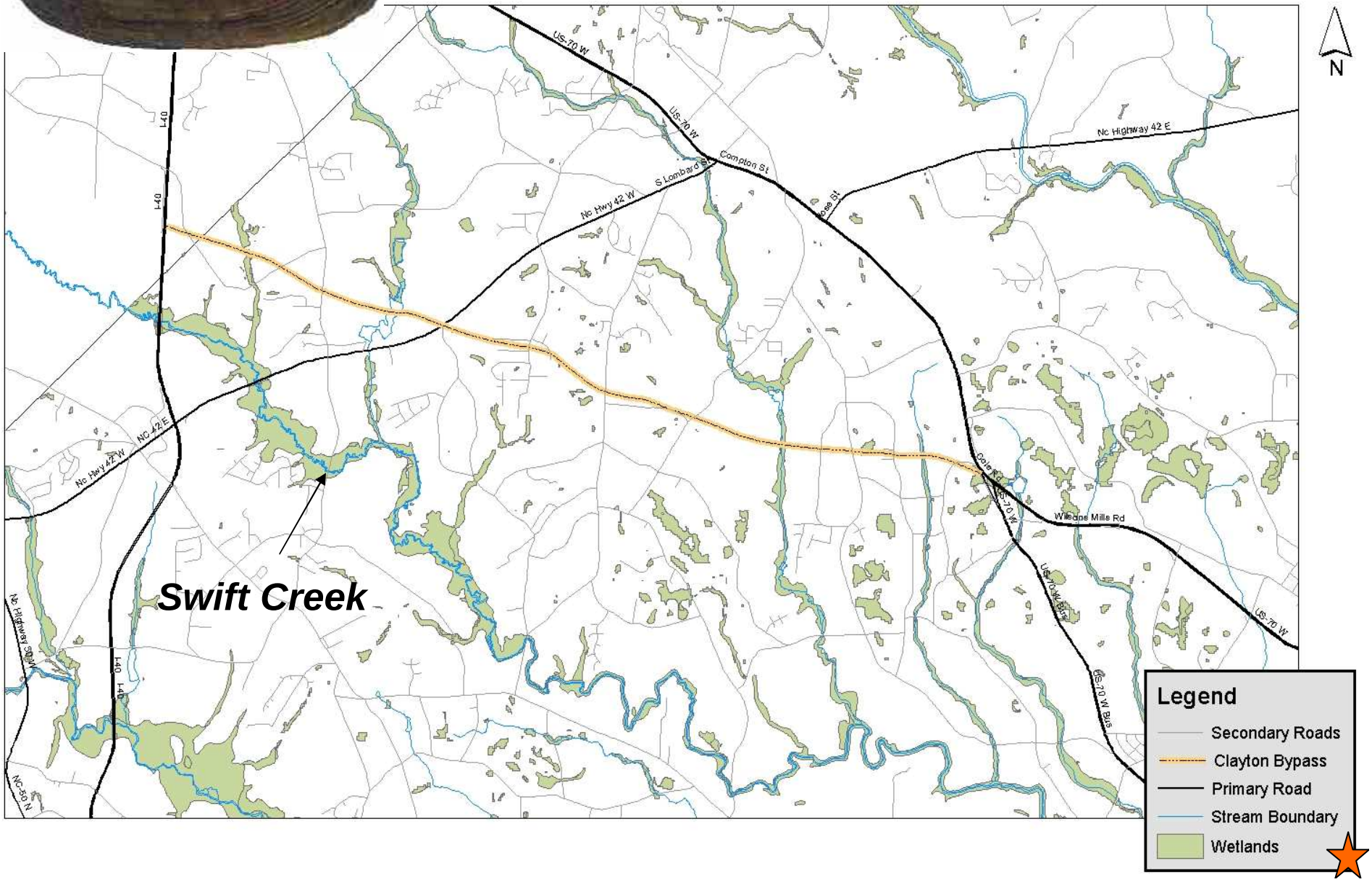
EXIT
320

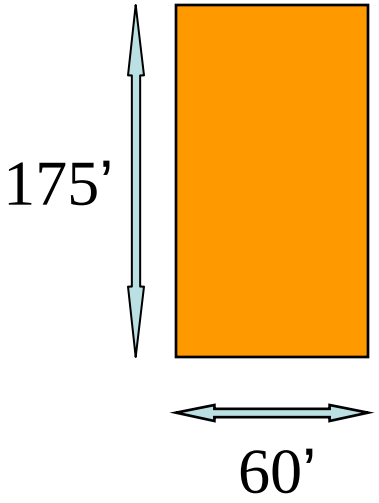
MCLAMB MOUNTAIN
Highest Elevation in Johnston County!
EXIT 320
42
Clayton
2 MILES

07/25/2006


White Oak Rd.
Hebren Church Rd.
New Bethel Rd.
Cornwallis Rd.
To Raleigh
40
To Benson
40
N
LEGEND
Future U.S. 70
To Clayton
42
70
Ranch Rd.
To Clayton and Raleigh
70
To Selma
70
BUS
To Smithfield

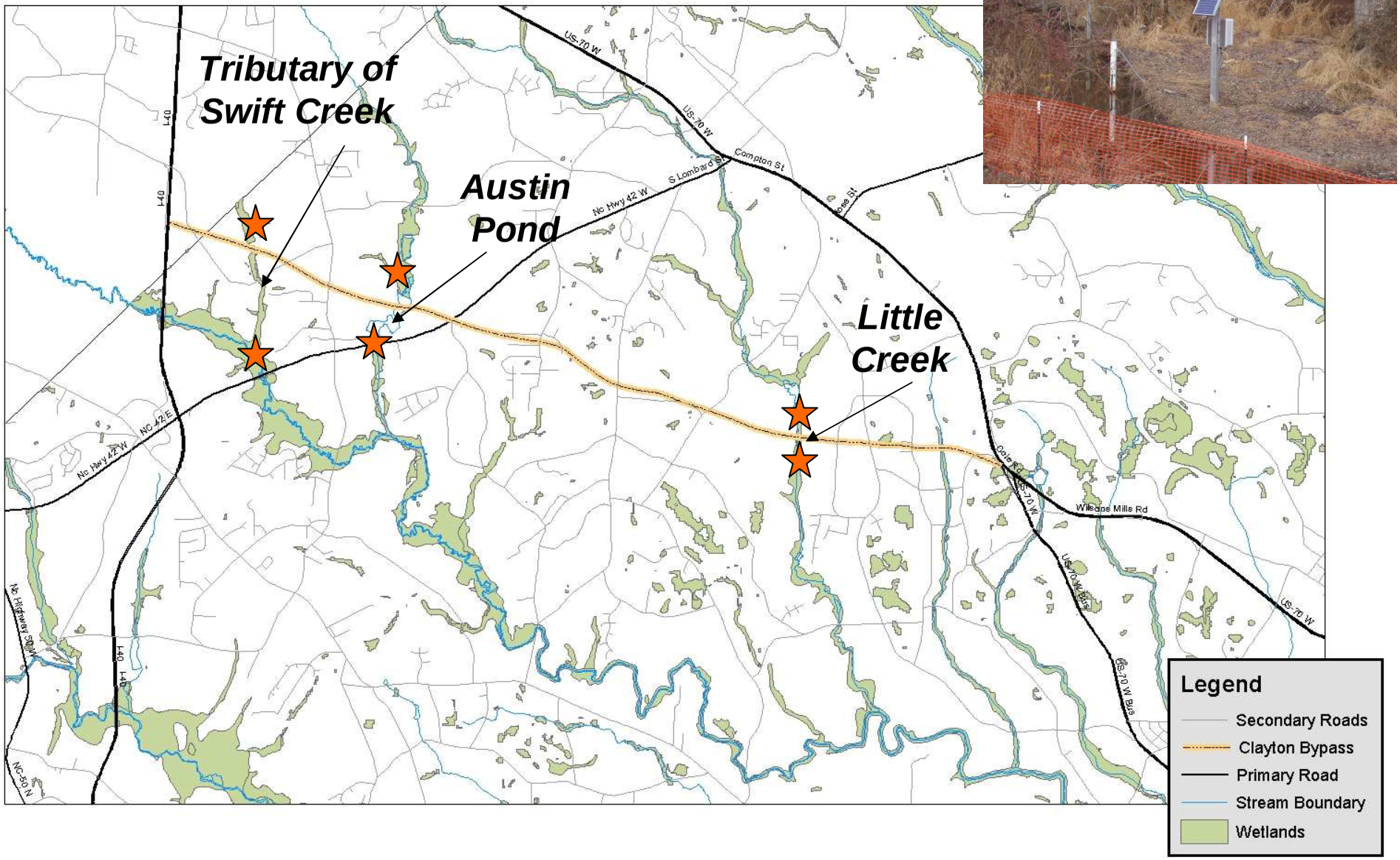
R-2552 Clayton Bypass

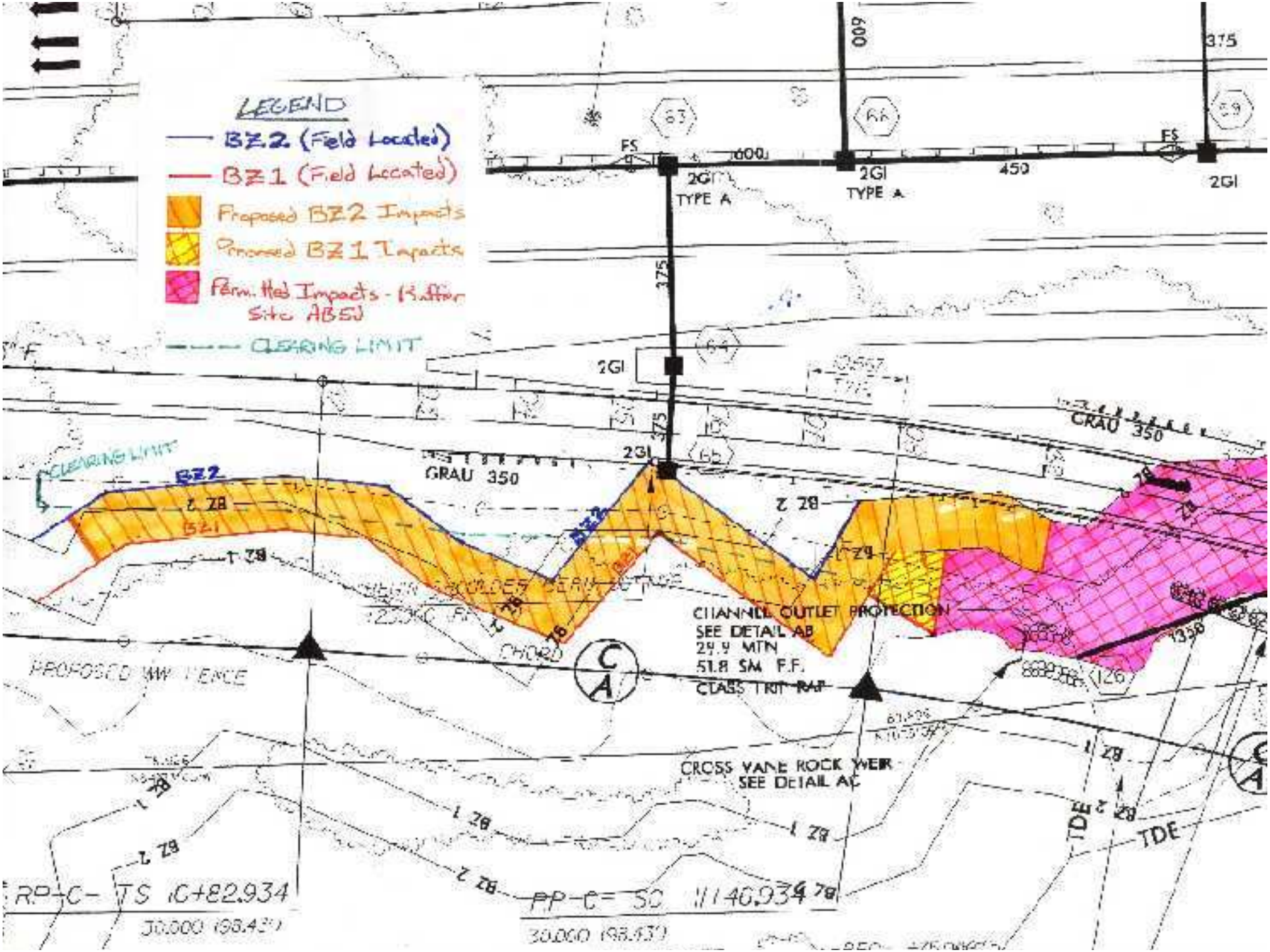




Olympic-Sized Swimming Pool – 164’ X 82’

R-2552 Clayton Bypass




LEGEND
BZ2 (Field Located)
BZ1 (Field Located)
Proposed BZ2 Impacts
Proposed BZ1 Impacts
Permitted Impacts - Buffer Site ABSJ
CLEARING LIMIT
CLEARING LIMIT
BZ2
BZ1
GRAU 350
GRAU 350
2GI
TYPE A
2GI
TYPE A
2GI
2GI
2GI
FS
FS
600
450
375
375
375
CHANNEL OUTLET PROTECTION
SEE DETAIL AB
29.9 MTN
51.8 SM F.F.
CLASS I RIP RAP
CROSS VANE ROCK WEIR
SEE DETAIL AC
PROPOSED WW FENCE
CHORD
TDE
TDE
RP-C- TS 10+82.934
30.000 (98.43)
PP-C- SC 11+46.934
30.000 (98.43)

Subject: Clayton ByPass
Date: Wed, 10 May 2006 18:22:10 -0700 (PDT)
From: vickie spivey <vspivey53@yahoo.com>
To: Kevin Bowen <kbowen@dot.state.nc.us>
CC: Donald Pearson <drpearson@dot.state.nc.us>

5-10-2006 Walter Spivey

- Y4 26+40. Repair the SSCF near the pipe inlet. The stone is not in contact with the fence. Sediment is going into the stream. Stabilize the area with ground cover.

- Y6 14+55 Rt. Repair the TSF. Clean the sediment from the stream.

- Y4 9+60 Lt. In the outlet ditch install the basin and stage seed. S&M the shoulders and back slopes near by.

- RP-C 8+00+- Lt. Maintain the EC devices near the box inlet. Sediment is going over or around all of them.

- Y4 26+40. This is in the median. Across from the box culvert on Cole Road. Repair the PISTA.

- L-2 134+00+- Sediment cleanup and maintenance is needed on both sides of the box culvert.

- L-2 126+10Lt. Repair the TSF. It is down and sediment is in the pipe.

- L-2 109+80 Rt. Near the toe of end bent 2, there is a trail of red sediment going toward the creek. Clean up ASAP.

- L-102+40 Rt. The SSCF near the headwall needs repair. Send the water from the skimmer outlet over to the left in the grassy area. This may prevent the washing from re-occurring.

- Ranch Road North East of the L-Line. There was a massive wash near the creek due to negligence by the bridge contractor. The EC devices have been repaired and clean up has started in the ESA. Thanks!

- Y 11 REV 24+40 Rt. The running water from the swamp has caused another wash beside the Rip Rap. Make necessary repairs.

PROJECT #: 34459.3.4
AREA: (B) (C) PROJECTS
DATE: 4-7-06

FOCUS EFFORTS PER D. PEARSONS REPORT ON BRINGING SEVERAL ESA TO A LEVEL OF COMPLETION. (CONTRACTOR HAS COPY OF REPORT)

IS EC PLAN INSTALLATION UP TO DATE FOR:	Y	N	COMMENTS	ABATEMENT DATE
BASINS, TYPE A,B,& STILLING	✓			
ROCK CHECK DEVICES		X	ROUGH MEDIAN 138+00-AHEAD	4-14
SILT FENCES, DITCHES		X	FINISH TEMP SILT DITCH RP-C @ E TO AVE.	4-14
DIVERSION DITCHES, BERMS	✓			
SLOPE DRAINS	✓			
TEMPORARY GROUND COVER		X	LOCATIONS THROUGHOUT. SPOKE TO SUPT. GOAL ABOUT SAME	4-14
TEMPORARY DITCH LINERS	✓			
CONSTRUCTION ENTRANCE PADS	✓			
IS MAINTENANCE UP TO DATE FOR:				
REMOVING SILT ACCUMULATIONS	✓			
SHAPING FILLS AND BERMS FOR DRAINAGE	✓			
REPAIRING EROSION CONTROL DEVICES		X	REPORT ON SKIMMER DISCHARGE 102+40% Rt.	4-14
REPAIRING CONSTRUCTION ENTRANCE PADS		X	LITTLE CREEK CH. RD., RANCH RD. → DUE TO HEAVY HAULING	EVERY 2 DAYS
ARE PERMANENT EC MEASURES UP TO DATE FOR:				
SEEDING AND MULCHING		X	LOCATIONS THROUGHOUT. SPOKE TO SUPT. GOAL ABOUT SAME	4-14
INSTALLING PERMANENT DITCH LINERS	✓			
FERTILIZER TOP DRESSING			N/A	
HAVE REVISIONS TO EC PLAN BEEN MADE AND:				
MAJOR REVISIONS OK'd BY RE UNIT	✓			
ALL REVISIONS DRAWN ON FIELD PLANS	✓			
ARE RECLAMATION PLANS BEING FOLLOWED FOR:				
INSTALLATION OF EC DEVICES				
MAINTENANCE OF THOSE DEVICES				
PROPER SLOPES AND DRAINAGE				
PERMANENT GROUND COVER				
FERTILIZER TOP DRESSING				
ARE PERMIT REQUIREMENTS BEING MET				
ARE PERMIT DRAWINGS AVAILABLE TO ALL PERSONNEL	✓			
ARE PERMITTED BUFFERS/ BOUNDARIES CLEARLY DELINEATED	✓			
HAVE ANY PERMIT RESTRICTIONS BEEN VIOLATED, AND IF SO:		✓		
HAS RE UNIT BEEN NOTIFIED OF VIOLATIONS			N/A	

Environmentally Sensitive Areas Erosion Report S.T. WOOTEN CORP. B/C JOBS DOUG DRAKE 3-17-08 (0.8" RAIN 3-15-08)

R2552B ***Note: ***All information in Bold print and underlined are priority and should be completed immediately***

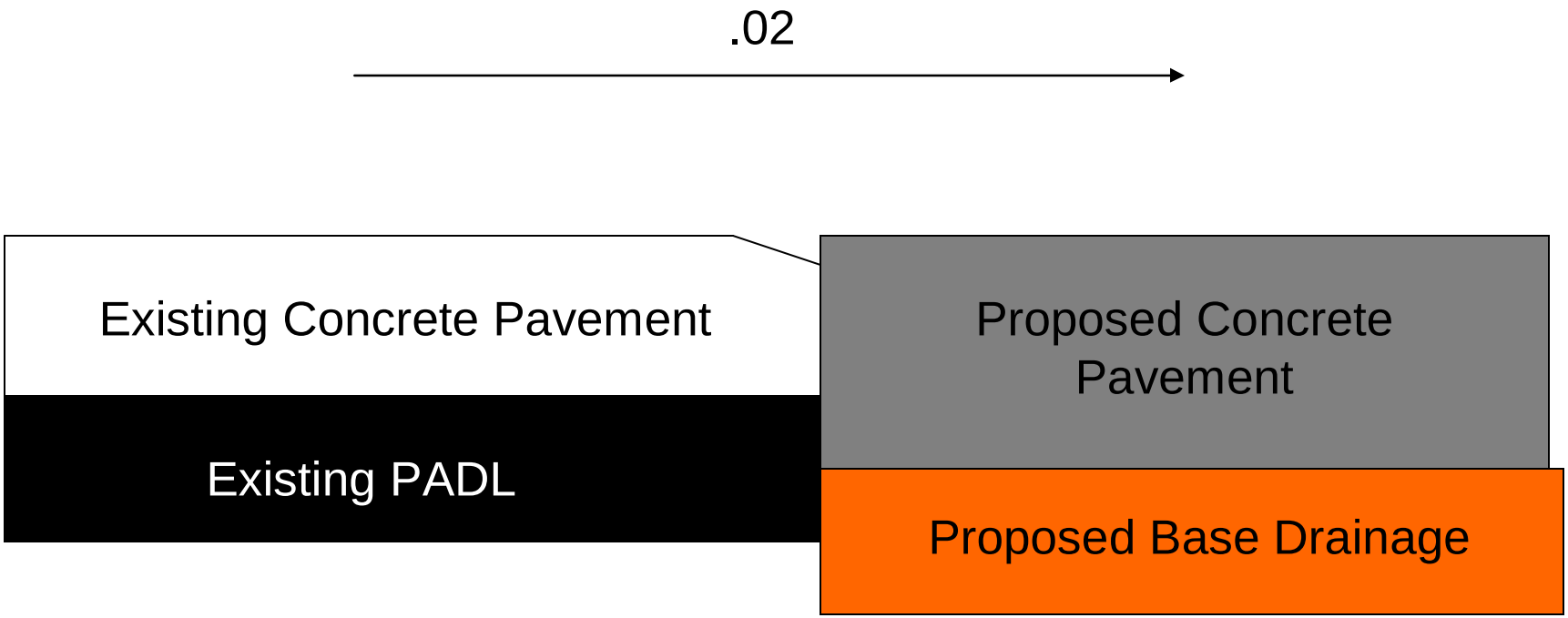
Site	Station	Impact	Structure	Remarks
7	RPA 4+00 Rt	SW, BZ	48" RCP	Repair S/M @ Slope Bottom
8	RPA 2+50 Rt	SW, BZ	24" RCP	Repair S/M Lt. @ 2+58
9	L 102+30	SW, BZ	48" RCP	Fill in Washes / Rute @ Bottom of Slope
10	Y13 REV 9+30	SW, BZ	48" RCP	Lt: Repair S/F Matting @ Headwall / Ditch / Slope Rt: Repair S/F where TSF removed
11	Y11 REV 23+20	SW, BZ	Pond	Repair S/M where TSF removed
12	Y11 REV 24+30 TO 25+20	WL SW, BZ	2-RCBC	Repair S/M where TSF removed

24. 5. 2004

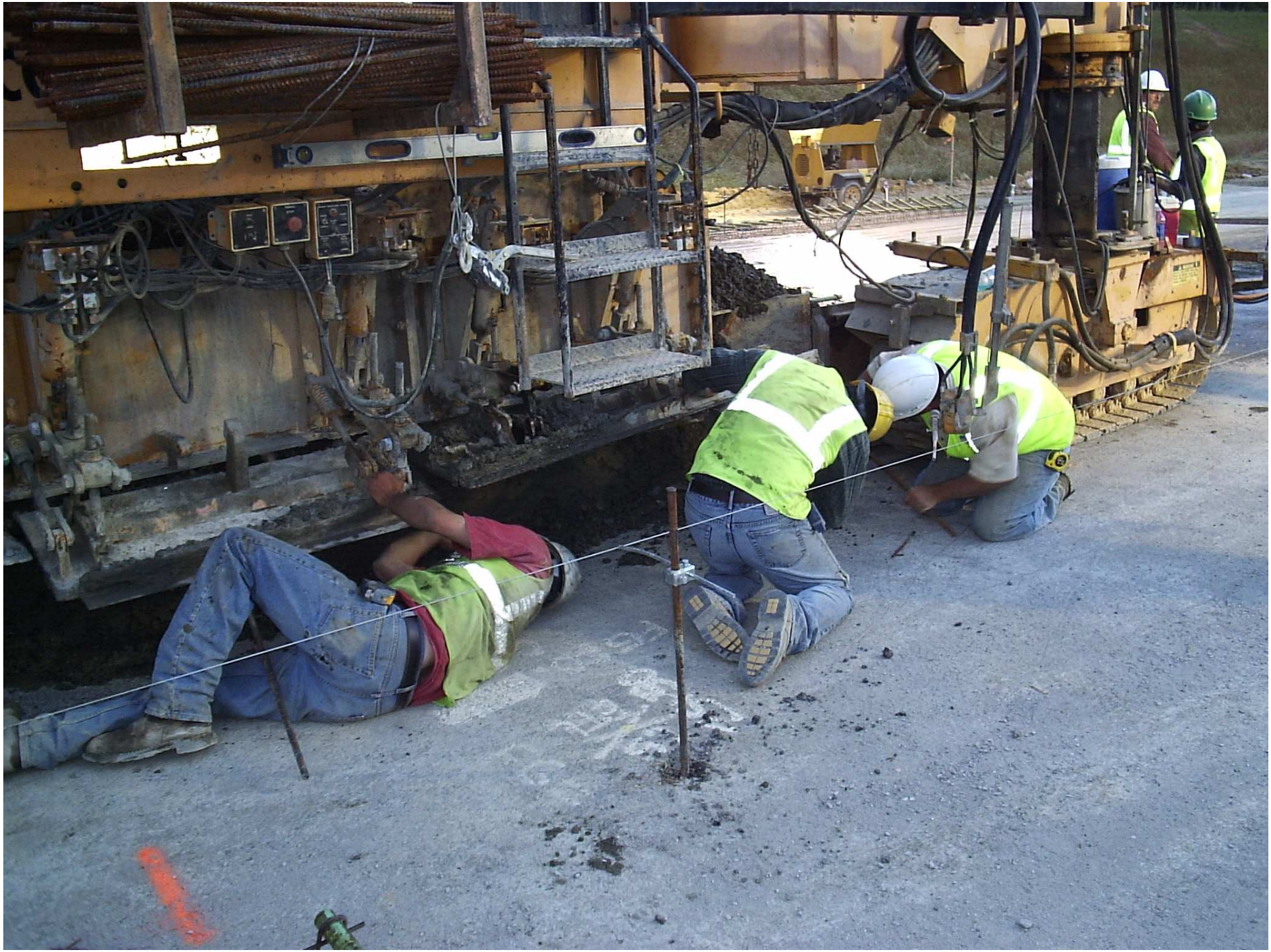
ROAD
WORK
AHEAD

PENSKE

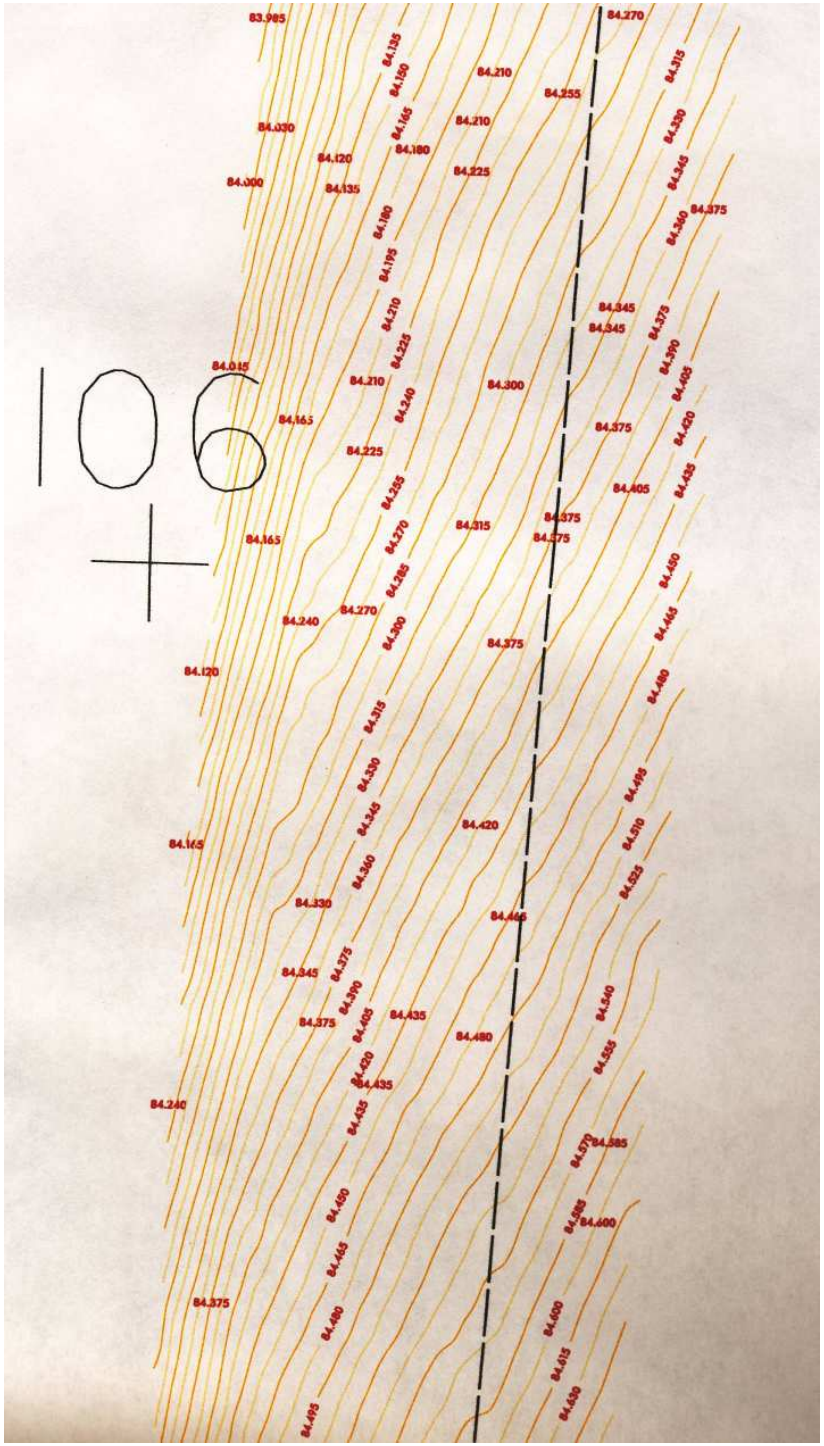
DETOUR
INTERSTATE
40
Raleigh
0
3200 m
9600 ft
440
40
440
70
Garner
40
70
Fayetteville Rd
McCullers
50
Wake
Johnston
Clayton
42
N Main St
Five Points
Willow Spring
Fuquay-Varina
42
Wake
Johnston
US 70 Hwy
Kennebec
50
Wake
Harnett
210
© 2008 MapQuest Inc.
Map Data © 2008 NAVTEQ or AND


.02
Existing Concrete Pavement
Existing PADL
Proposed Concrete Pavement
Proposed Base Drainage

09+61
14:07



339


106

GOMACO
TC 600

6 3:44PM

NCDOT Begins Constructing the New U.S. 70 Clayton Bypass in Johnston and Wake Counties

Project Overview

The N.C. Department of Transportation (NCDOT) is constructing the new U.S. 70 Clayton Bypass. The 10.7-mile highway stretches from I-40 in Wake County to the U.S. 70/ U.S. 70 Business split in Johnston County.

The new section of U.S. 70 Clayton Bypass will have four major interchanges:

- I-40
- N.C. 42
- Ranch Road
- U.S. 70/U.S. 70 Business split

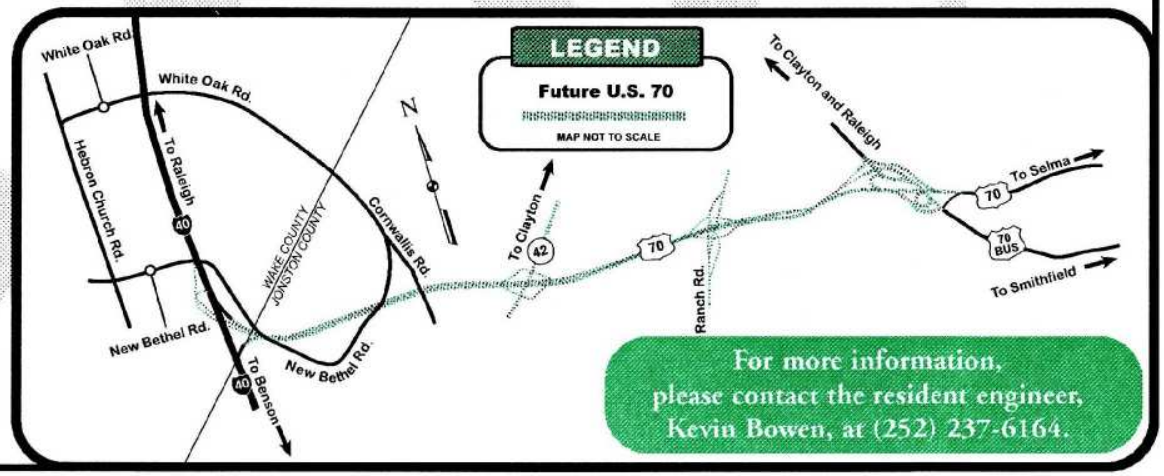
This year crews will begin working primarily at I-40, Corbett Road, N.C. 42 and the U.S. 70/ U.S. 70 Business split; however, motorists should expect some work at other points in between these locations. Public information efforts will update motorists on future impacts to traffic.

The $123 million project was awarded to S.T. Wooten Corp. and is expected to be complete in June 2009.

As construction progresses, NCDOT will distribute press releases to newspapers, radio stations and TV stations to notify the public of upcoming impacts to traffic. Changeable message signs will also be utilized to alert motorists of construction information.

Project Highlights

- The new road will include 22 new bridges.
- The speed limit will be 70 mph.
- Once U.S. 70 (Clayton Bypass) is constructed, existing U.S. 70 will become U.S. 70 Business.
- The new section of U.S. 70 will be the largest road construction project in Johnston County since the construction of I-40 in the 1980s.
- By the year 2025, it is expected to carry 85,000 vehicles per day.
- The new road will considerably relieve traffic congestion on existing U.S. 70 once it is open to traffic.
- The N.C. 42, Ranch Road and the U.S.70/U.S. 70 Business split interchanges are expected to bring opportunities for growth and development into Johnston County.
- Commuters traveling to and from Raleigh from points east of Clayton will save a considerable amount of time compared to the amount of time they spend traveling on existing U.S. 70 today.



For more information, please contact the resident engineer, Kevin Bowen, at (252) 237-6164.

U.S. 70 Clayton Bypass Construction Update

June 20, 2007

The N.C. Department of Transportation (NCDOT) will continue to update motorists on future impacts to traffic by sending press releases to newspapers, radio stations and TV stations in an attempt to notify the public of upcoming impacts to traffic. Changeable message signs will also be utilized to alert motorists of construction information. Fliers may be distributed in certain areas when there are high impacts to motorists. **All dates are tentative and weather dependent. Changes are italicized.**

The I-40 and U.S. 70 (Clayton Bypass) Interchange:

- *Paving is complete on I-40 East. Paving operations will continue on I-40 West and will require periodic temporary lane closures during non-peak hours. Additional details will be provided as they become available.*
- *Traffic has been shifted to the inside lanes on I-40 and will remain in this pattern through mid-Summer 2007. Traffic will be shifted back to the normal pattern in mid-Summer 2007 once all paving operations are complete. This traffic shift will require temporary lane closures over one weekend. Additional details will be provided as they become available.*
- Motorists can expect periodic temporary lane closures on I-40 during non-peak hours throughout the remainder of the project. Motorists should use caution when traveling through the work zone and should watch for signs providing additional information.

  Why are these traffic shifts and temporary lane closures taking place?
  Traffic shifts and temporary lane closures are necessary to allow crews to build the bridges and ramps for the interchange connecting I-40 to the U.S. 70 Clayton Bypass.

New Bethel Road:

Please note that this road is New Bethel Road east of the Wake/Johnston County line and New Bethel Church Road west of the Wake/Johnston County line. The road will be referred to as New Bethel Road herein.

- New Bethel Road is permanently closed to thru-traffic at the Wake/Johnston County line. As an alternate route, motorists should take Cornwallis Road/White Oak Road to Hebron Church Road back to New Bethel Road.
- The new New Bethel Road bridge over I-40 opened in early November 2006. Please note that this bridge serves only New Bethel Road traffic east of the Wake County line. Also note that the final layer of asphalt has not yet been laid and that pavement riding conditions near the new bridge will be addressed prior to final acceptance.

  Why was New Bethel Road closed?
  The old New Bethel Road bridge over I-40 was removed and crews constructed the new New Bethel Road bridge over I-40. New Bethel Road is now dead-ended at the Wake/Johnston County line to accommodate the path of the future U.S. 70 Clayton Bypass.

- New Bethel Road has been permanently realigned at the intersection with Cornwallis Road, moving the intersection south of the U.S. 70 Clayton Bypass.

NCDOT: US 70 Clayton Bypass - Microsoft Internet Explorer provided by NCDOT v.05.1b

File Edit View Favorites Tools Help

Back Search Favorites Media

Address http://www.ncdot.org/projects/us70claytonbypass/ Go Links

NCDOT North Carolina Department of Transportation

About | Careers | Contact | News | Search: NCDOT

Doing Business | Maps & Publications | Programs | Projects & Studies | Travel Information

US 70 Clayton Bypass

- Project Home
- Contact Us
- News & Updates
- Project Photos
- FAQ
- County Map
- Overall Project Maps

Projects & Studies

- Construction Progress Report
- Future Projects Search (TIP)
- How a Road Gets Built

Construction Related Information

- Construction Unit
- IMPACT: Public Information Program
- Public Involvement
- Work Zone Safety

Who Do I Contact?

- Road Maintenance Issues
- Communications Office

Regional Projects Nearby

- Coastal
  - Carolina Bays Parkway Extension Feasibility Study
  - Currituck Sound Area Transportation Study

Projects & Studies » Region: Coastal / Region: Triangle »

US 70 Clayton Bypass

THE NEW U.S. 70

- News & Updates
- Why is this project necessary?
- Project Highlights
- Contact Information

Fast Facts:

- **Est. Completion Date:** June 2009
- **Project Cost:** $123 million
- **Project Team:** S.T. Wooten Corp.
- **Region(s):** Coastal,Triangle
- Construction Progress Report

News & Updates:

Download the latest News & Updates.

Why is this project necessary?

The four-lane, divided highway will be constructed to relieve congestion on existing U.S. 70 and provide motorists traveling to Raleigh or to the coast with an alternate route. Motorists traveling to I-40 through Clayton will have a faster less congested route.

Project Highlights:

- It will be a new four-lane, divided Highway.
- There will be access points at interchanges including I-40, N.C. 42, Ranch Road and the U.S. 70/U.S. 70 Business Split.
- The new road will include 22 new bridges.
- Once it is constructed, existing U.S. 70 will become U.S. 70 Business.
- The 10.7-mile highway stretches from I-40 at mile marker 310 in Wake County to the U.S. 70/U.S. 70 Business split in Johnston County.

County Map

Contact Information:

Resident Engineer, Corey McLamb, PE

- email:Contact Us

Find Information Near You!

Click the map for regional information or

Select-A-County

Commuters & Travelers

- Construction Projects
- Driver License
- HOV Lanes
- Road Conditions
- Traffic Cameras

Business Resources

- Approved Product List
- Directory of Transportation Firms
- Electronic Forms
- Project Letting
- Order Plans
- Order Publications

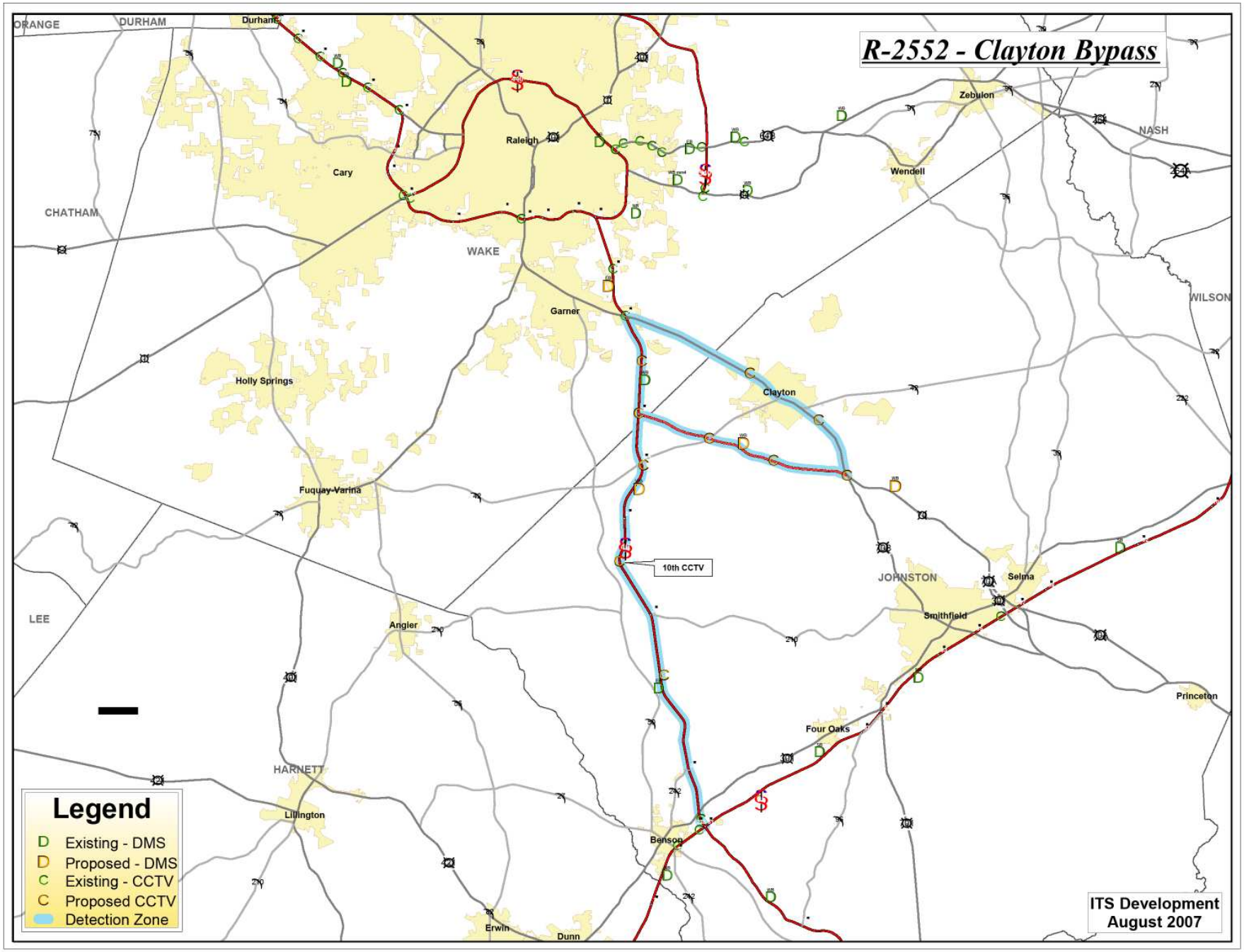
Need Acrobat

Get Adobe Reader

Download it here.

Internet

Start | R-2552 Presentation (sho... | Clayton Presentation Pict... | NCDOT: US 70 Clayton ... | 10:19 PM


R-2552 - Clayton Bypass
ORANGE
DURHAM
Durham
Raleigh
Cary
Zebulon
NASH
Wendell
CHATHAM
WAKE
Garner
WILSON
Holly Springs
Clayton
Fuquay-Varina
10th CCTV
JOHNSTON
Selma
Smithfield
LEE
Angier
Princeton
Four Oaks
HARNETT
Lillington
Benson
Erwin
Dunn
Legend
Existing - DMS
Proposed - DMS
Existing - CCTV
Proposed CCTV
Detection Zone
ITS Development
August 2007