

FORSYTH COUNTY, NC FEE: \$ 46.00
PRESENTED & RETURNED: 07/03/2003 08:31AM
DICKIE C. WOOD REGISTER OF DEEDS BY: JAWISP
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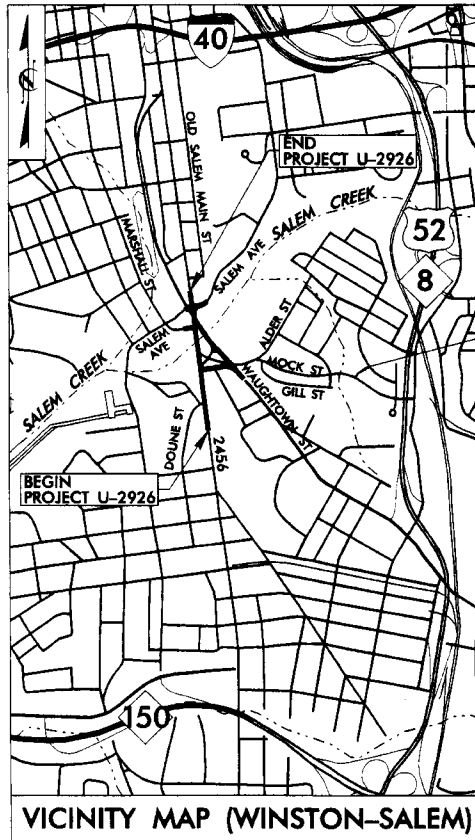
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U-2926

PROJECT: 9.8091881

See Sheet 1-A For Index of Sheets



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

FORSYTH COUNTY

**LOCATION: WINSTON-SALEM REALIGN INTERSECTIONS OF SR 2456
(S MAIN ST), WAUGHTOWN ST, ALDER ST AND
SALEM AVE. CONSTRUCT ROUNDABOUT AT SR 2456 AND SALEM AVE
TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNALS, AND STRUCTURES**



ALL DIMENSIONS IN
THESE PLANS ARE IN METERS
AND/OR MILLIMETERS
UNLESS OTHERWISE SHOWN

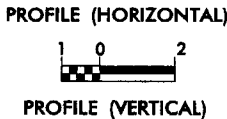
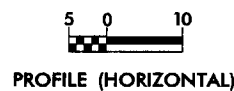
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2926	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
9.8091857		PE, UTIL. & ROW	
9.8091881		CONST	

-L- STA 10+40.000 BEGIN STATE PROJECT 9.8091881

PROJECT	9.8091857	U-2926
PRIMARY ROAD	SR 2456	
CONNECTING ROADS		

THIS IS A PARTIAL CONTROLLED ACCESS PROJECT WITH ACCESS BEING
LIMITED TO THOSE POINTS SHOWN ON THE PLANS

GRAPHIC SCALES



DESIGN DATA

ADT 2000 = 8900
ADT 2025 = 19,000
DHV = 10 %
D = 60 %
T = 3 % *
V = 65 km/h
* TTST 1 % DUAL 2 %

PROJECT LENGTH

LENGTH ROADWAY STATE PROJECT 9.8091881 = 0.556 km
LENGTH STRUCTURE STATE PROJECT 9.8091881 = 0.055 km
TOTAL LENGTH STATE PROJECT 9.8091881 = 0.611 km

Prepared In the Office of:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh, NC 27610

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
APRIL 30, 2001

LETTING DATE:
MAY 20, 2003

J. S. GOODNIGHT, PE
PROJECT ENGINEER

L. T. OLIVER
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER



ROADWAY DESIGN



**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

D. M. Barbour, P.E.
STATE DESIGN ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

APPROVED
DIVISION ADMINISTRATOR

DATE

"STATE OF NORTH CAROLINA • COUNTY OF WAKE"
As Custodian of the minutes of the Board of Transportation, I do hereby certify that this is a true and correct copy of
Plan Sheet 1 of the final plans for Project 9.8091857 U-2926
said plan sheet having been approved and adopted by the Board of Transportation and identified as
Addendum 20 to the minutes of the 5 day of June, 2003, Board of Transportation
meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the
20 day of June, 2003
END CONST
-Y3- STA 10+70.000
Secretary to Board of Transportation

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS



PROJ. REFERENCE NO.
U-2926

SHEET NO.
1 - B

*S.U.E = SUBSURFACE UTILITY ENGINEER

CONVENTIONAL SYMBOLS

ROADS & RELATED ITEMS

Edge of Pavement	---
Curb	---
Prop. Slope Stakes Cut	---C---
Prop. Slope Stakes Fill	---F---
Prop. Woven Wire Fence	---○---
Prop. Chain Link Fence	---□---
Prop. Barbed Wire Fence	---◇---
Prop. Wheelchair Ramp	---WCR---
Exist. Guardrail	---+---
Prop. Guardrail	---+---
Equality Symbol	⊕
Pavement Removal	XXXX

RIGHT OF WAY

Baseline Control Point	◆
Existing Right of Way Marker	△
Exist. Right of Way Line w/Marker	---△---
Prop. Right of Way Line with Proposed R/W marker (Iron Pin & Cap)	---▲---
Prop. Right of Way Line with Proposed (Concrete or Granite) R/W Marker	---▲---
Exist. Control of Access Line	---(A)---
Prop. Control of Access Line	---(A)---
Exist. Easement Line	---E---
Prop. Temp. Construction Easement Line	---C---
Prop. Temp. Drainage Easement Line	---TDE---
Prop. Perm. Drainage Easement Line	---PDE---

HYDROLOGY

Stream or Body of Water	---
Flow Arrow	→
Disappearing Stream	---Y---
Spring	○
Swamp Marsh	---+---
Shoreline	---
Falls, Rapids	---
Prop Lateral, Tail, Head Ditches	---

STRUCTURES

MAJOR	
Bridge, Tunnel, or Box Culvert	---CONC---
Bridge Wing Wall, Head Wall and End Wall	---CONC WW---

MINOR	
Head & End Wall	---CONC HW---
Pipe Culvert	---
Footbridge	---
Drainage Boxes	---CB---
Paved Ditch Gutter	---

UTILITIES

Exist. Pole

Exist. Power Pole

Prop. Power Pole

Exist. Telephone Pole

Prop. Telephone Pole

Exist. Joint Use Pole

Prop. Joint Use Pole

Telephone Pedestal

Cable TV Pedestal

Hydrant

Satellite Dish

Exist. Water Valve

Sewer Clean Out

Power Manhole

Telephone Booth

Water Manhole

Light Pole

H-Frame Pole

Power Line Tower

Pole with Base

Gas Valve

Gas Meter

Telephone Manhole

Power Transformer

Sanitary Sewer Manhole

Storm Sewer Manhole

Tank; Water, Gas, Oil

Water Tank With Legs

Traffic Signal Junction Box

Fiber Optic Splice Box

Television or Radio Tower

Utility Power Line Connects to Traffic Signal Lines Cut Into the Pavement

STATE OF NORTH CAROLINA - COUNTY OF WAKE

As Custodian of the minutes of the Board of Transportation, I do hereby certify that this is a true and correct copy of the minutes of the Board of Transportation for Project 98091857 U-2926.

said plan sheet having been approved and adopted by the Board of Transportation and identified as such by the Board of Transportation on the 5 day of June, 2003.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of June, 2003.

Cheryl Deane
Secretary to Board of Transportation

Recorded Water Line	---
Designated Water Line (S.U.E.*)	---
Sanitary Sewer	---SS---
Recorded Sanitary Sewer Force Main	---FSS---
Designated Sanitary Sewer Force Main(S.U.E.*)	---FSS---
Recorded Gas Line	---
Designated Gas Line (S.U.E.*)	---
Storm Sewer	---
Recorded Power Line	---
Designated Power Line (S.U.E.*)	---
Recorded Telephone Cable	---
Designated Telephone Cable (S.U.E.*)	---
Recorded U/G Telephone Conduit	---
Designated U/G Telephone Conduit (S.U.E.*)	---
Unknown Utility (S.U.E.*)	---
Recorded Television Cable	---
Designated Television Cable (S.U.E.*)	---
Recorded Fiber Optics Cable	---
Designated Fiber Optics Cable (S.U.E.*)	---
Exist. Water Meter	○
U/G Test Hole (S.U.E.*)	⊗
Abandoned According to U/G Record	ATTUR
End of Information	E.O.I.

BOUNDARIES & PROPERTIES

State Line	---
County Line	---
Township Line	---
City Line	---
Reservation Line	---
Property Line	---
Property Line Symbol	⊕
Exist. Iron Pin	○
Property Corner	+
Property Monument	ECM
Property Number	123
Parcel Number	6
Fence Line	---X X X---
Existing Wetland Boundaries	---WLB---
Proposed Wetland Boundaries	---WLB---
Existing Endangered Animal Boundaries	---EAB---
Existing Endangered Plant Boundaries	---EPB---

BUILDINGS & OTHER CULTURE

Buildings	---
Foundations	---
Area Outline	---
Gate	---
Gas Pump Vent or U/G Tank Cap	---
Church	---
School	---
Park	---
Cemetery	---
Dam	---
Sign	---
Well	---
Small Mine	---
Swimming Pool	---

TOPOGRAPHY

Loose Surface	---
Hard Surface	---
Change in Road Surface	---
Curb	---
Right of Way Symbol	R/W
Guard Post	○ GP
Paved Walk	---
Bridge	---
Box Culvert or Tunnel	---
Ferry	---
Culvert	---
Footbridge	---
Trail, Footpath	---
Light House	---

VEGETATION

Single Tree	---
Single Shrub	---
Hedge	---
Woods Line	---
Orchard	---
Vineyard	---

RAILROADS

Standard Gauge	---
RR Signal Milepost	---
Switch	---

revised 2/25/97

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
*PARCEL INDEX SHEET***

REVISIONS

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY OTHERS FOR MONUMENT "W88U" WITH NAD 83 STATE PLANE GRID COORDINATES OF NORTHERING 361913.0000 (EASTING 091813.4600) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS 0.99994320 THE N.C. LAMBERT GRID BEARING LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W88U" TO "L" STATION 10+00.000 IS S 44 32'16.72" W 1747.3601m ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NGVD 29

DUKE POWER CO.
NO REFERENCE

-Y2A-
PI Sta. 13+21.692
 $\Delta = 56^{\circ}02'52.0"$ (LT)
L = 195.644
T = 106.449
R = 200.000
SE = 0.06

-L-
PI Sta. 12+60.000
 $\Delta = 3^{\circ}55'33.2"$ (RT)
L = 68.520
T = 34.273
R = 1,000.000
SE = 0.025



CONST. REV.

R/W REV.

PROJECT REFERENCE NO.

U-2926

SHEET NO.

4

R/W SHEET NO.

ROADWAY DESIGN ENGINEER

SEAL 14493

9-17-02

HYDRAULICS ENGINEER

SEAL 14493

9-26-02

SEE SHEET 7 FOR -L- PROFILE
SEE SHEET 8 FOR -Y1- PROFILE
SEE SHEET 8 FOR -Y2A- PROFILE
FOR STRUCTURE SEE STRUCTURE
PLAN SHEETS S1-536

STATE OF NORTH CAROLINA
As Secretary of the minutes of the Board of Transportation
of the final plans for Project U-2926
and identified as
said plan sheet having been approved and adopted by the Board of Transportation
on the 20 day of June 2003
IN TESTIMONY WHEREOF, I have hereunto set my hand this the
20 day of June 2003
Secretary to Board of Transportation

-L- POT Sta. 11+32.515

BEGIN BRIDGE
STA 13+25.004

BEGIN APPROACH SLAB
-L- STA 13+21.696

-L- STA 13+21.696

-L- STA 13+21.696

-L- STA 13+21.696

-L- STA 13+21.696

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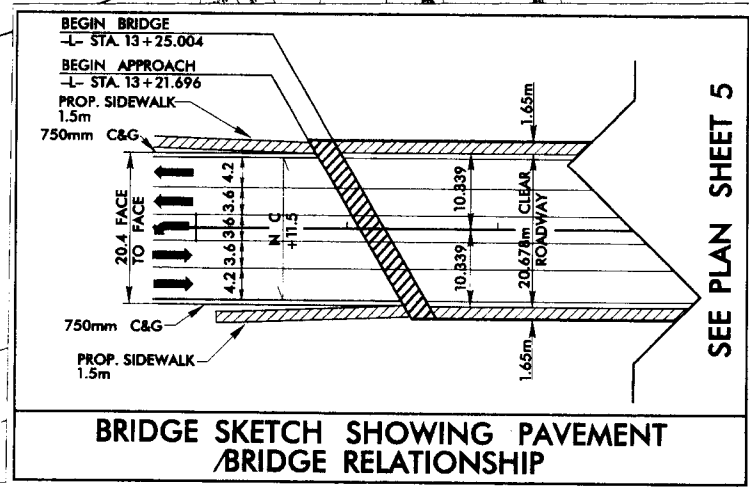
SEE SHEET 5

MATCHLINE -L- STA 13+50

SEE SHEET 6

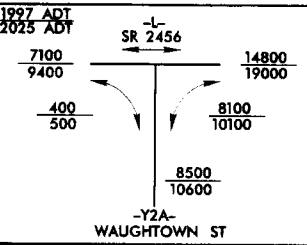
LEGEND
PAVEMENT TO BE REMOVED
PROPOSED SIDEWALKS

DETAIL A
BASE DITCH
(Not to Scale)
Natural Ground
Filter Fabric
Type of Liner: CL B RIP RAP
FROM STA. 13+22 TO 13+53 -L- RT
EST DDE = 200 CM
EST 51MINS CL B RIPRAP W/186 SM FILTER FABRIC

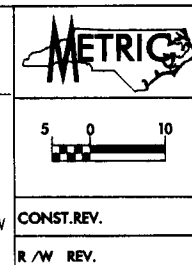


SEE PLAN SHEET 5

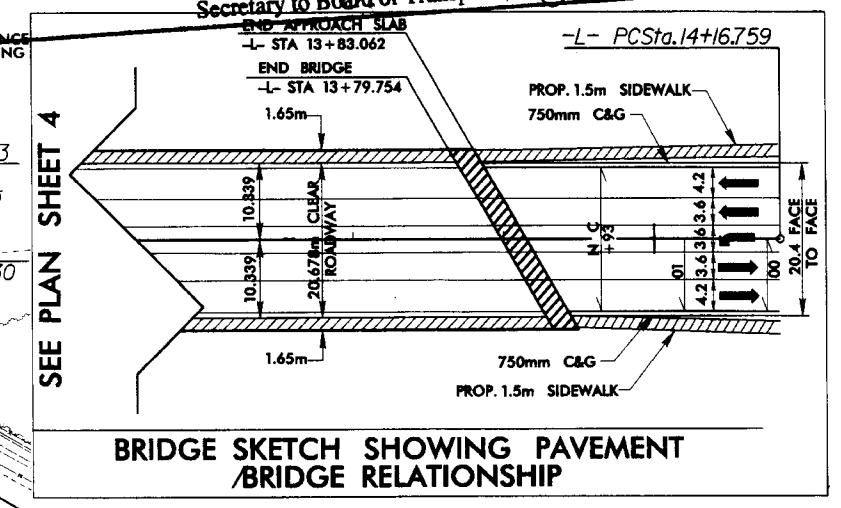
TRAFFIC DIAGRAM



REVISIONS



NAD 83 



29-061-2002 00153
Museum AT Roadside
Bulldozer 55-pah

