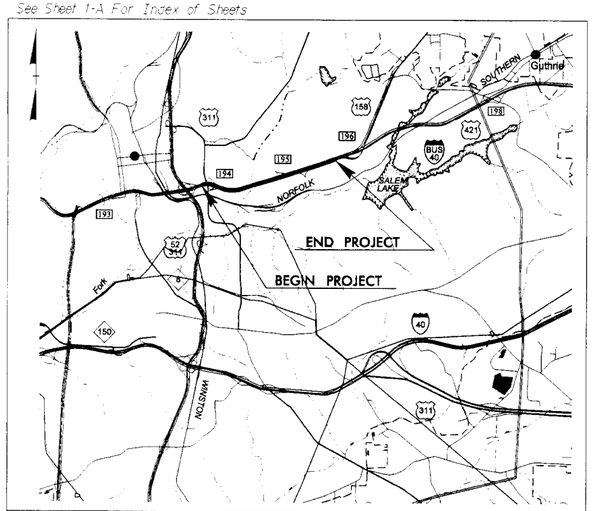
U-2827C

PROJECT: 8.1622704

See Sheet 1-A For Index of Sheets



VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

FORSYTH COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	U-2827C	1	

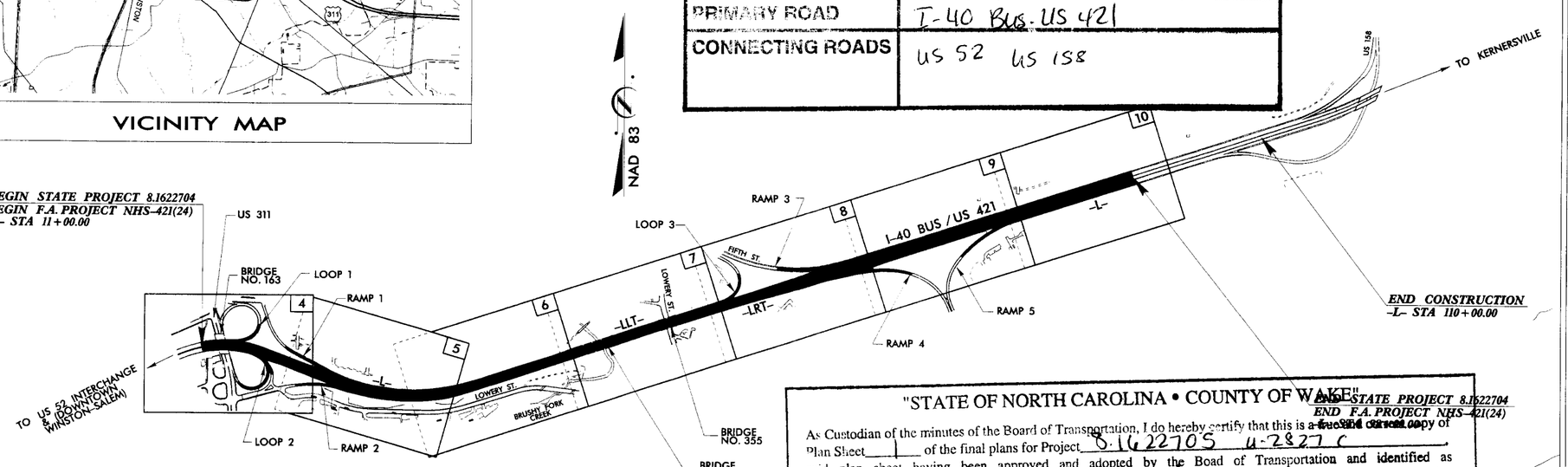
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
8.1622701	NHF-421(5)	PE
8.1622704	NHS-421(24)	CONST.
34872.2.3	NHS-421(24)	R/W, UTIL

LOCATION: ***WINSTON-SALEM I-40 BUSINESS / US 421***
FROM WEST OF US 311 TO WEST OF US 158

TYPE OF WORK: ***PAVEMENT REHABILITATION, SAFETY IMPROVEMENTS, SIGNING, LIGHTING AND STRUCTURE REHABILITATION***

PROJECT	8.1622705 U-2827 C
PRIMARY ROAD	I-40 BUS. US 421
CONNECTING ROADS	US 52 US 158

NAD 83



THIS IS A CONTROLLED-ACCESS PROJECT, WITH ACCESS BEING LIMITED TO INTERSECTIONS.

"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 8.1622705 U-2827 C, said plan sheet having been approved and adopted by the Boad of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug., 2003, Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug, 2003.

Secretary to Board of Transportation

GRAPHIC SCALES

50 25 0 50 100 — PLANS

50 25 0 50 100 — PROFILE (HORIZONTAL)

10 5 0 10 20 — PROFILE (VERTICAL)

DESIGN DATA

ADT 2003 = 66070–72630
ADT 2020 = 85600–93600
DHV = 9 %
D = 58 %
T = 8 % *
V = 60 MPH

* TTST 5 % DUAL 3 %

PROJECT LENGTH

LENGTH ROADWAY F.A. PROJECT NHS-421(24) = 1.648 Miles

TOTAL LENGTH ROADWAY STATE PROJECT 8.1622704 = 1.648 Miles

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

2002 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: May 19, 2003

LETTING DATE: July 15, 2003

G.E. BREW, PE — PROJECT ENGINEER

D. WILLIAMS — PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
Randall C. Hennis, P.E.
SIGNATURE:

ROADWAY DESIGN ENGINEER
Gregory E. Brew, P.E.
SIGNATURE:

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

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	1-B

*S.U.E = SUBSURFACE UTILITY ENGINEER

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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
Curb Cut for Future Wheelchair Ramp — CCF
Exist. Guardrail
Prop. Guardrail
Equality Symbol
Pavement Removal

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 — C A
Exist. Easement Line — E
Prop. Temp. Construction Easement Line — E
Prop. Temp. Drainage Easement Line — TDE
Prop. Perm. Drainage Easement Line — PDE

HYDROLOGY

Stream or Body of Water
River Basin Buffer — BZ
Flow Arrow
Disappearing Stream
Spring
Swamp Marsh
Shoreline
Falls, Rapids
Prop Lateral, Tail, Head Ditches — FLOW

STRUCTURES

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

MINOR
Head & End Wall — CONC -W
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
U/G Telephone Cable Hand Hold
Cable TV Pedestal
U/G TV Cable Hand Hold
U/G Power Cable Hand Hold
Hydrant
Satellite Dish
Exist. Water Valve
Sewer Clean Out
Power Manhole
Telephone Booth
Cellular Telephone Tower
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 — TS

"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 and identified as Plat Sheet 1-B of the final plans for Project 8.1622705 U-2827C, Wake County, which plans have been approved and adopted by the Board of Transportation and identified as Addendum Sheet 1 to the minutes of the meeting of the Board of Transportation held on the 1 day of Aug 2003 and on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 22 day of Aug 2003.

Secretary to Board of Transportation

Recorded Water Line — W
Designated Water Line (S.U.E.*) — W
Sanitary Sewer — SS
Recorded Sanitary Sewer Force Main — FSS
Designated Sanitary Sewer Force Main(S.U.E.*) — FSS
Recorded Gas Line — G
Designated Gas Line (S.U.E.*) — G
Storm Sewer — S
Recorded Power Line — P
Designated Power Line (S.U.E.*) — P
Recorded Telephone Cable — T
Designated Telephone Cable (S.U.E.*) — T
Recorded U/G Telephone Conduit — TC
Designated U/G Telephone Conduit (S.U.E.*) — TC
Unknown Utility (S.U.E.*) — PUTL
Recorded Television Cable — TV
Designated Television Cable (S.U.E.*) — TV
Recorded Fiber Optics Cable — FO
Designated Fiber Optics Cable (S.U.E.*) — FO
Exist. Water Meter
U/G Test Hole (S.U.E.*) — ATTUR E.O.U.
Abandoned According to U/G Record
End of Information

BOUNDARIES & PROPERTIES

State Line
County Line
Township Line
City Line
Reservation Line
Property Line
Property Line Symbol — PL
Exist. Iron Pin — EIP
Property Corner
Property Monument — ECM
Property Number — 123
Parcel Number — 6
Fence Line — X
Existing Wetland Boundaries — AW & ISBW
High Quality Wetland Boundary — HQ WLB
Medium Quality Wetland Boundaries — MQ WLB
Low Quality Wetland Boundaries — LQ 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 — S W
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 — VINEYARD

RAILROADS

Standard Gauge — CSX TRANSPORTATION
RR Signal Milepost — MILEPOST 35
Switch — SWITCH

revised 02/02/00

PROJ. REFERENCE NO.	SHEET NO.
U-2827C	3-2

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PARCEL INDEX SHEET

PARCEL No.	SHEET No.	PROPERTY OWNER NAME
1	5	CITY OF WINSTON SALEM
2	5	CITY OF WINSTON SALEM
3	5,6	WILLIAM H. WHITEHART
4	6,7	CITY OF WINSTON SALEM
5	7,8	UNKNOWN
6	8,9,10	UNKNOWN

PARCEL No.	SHEET No.	PROPERTY OWNER NAME

"STATE OF NORTH CAROLINA • COUNTY OF WAKE"

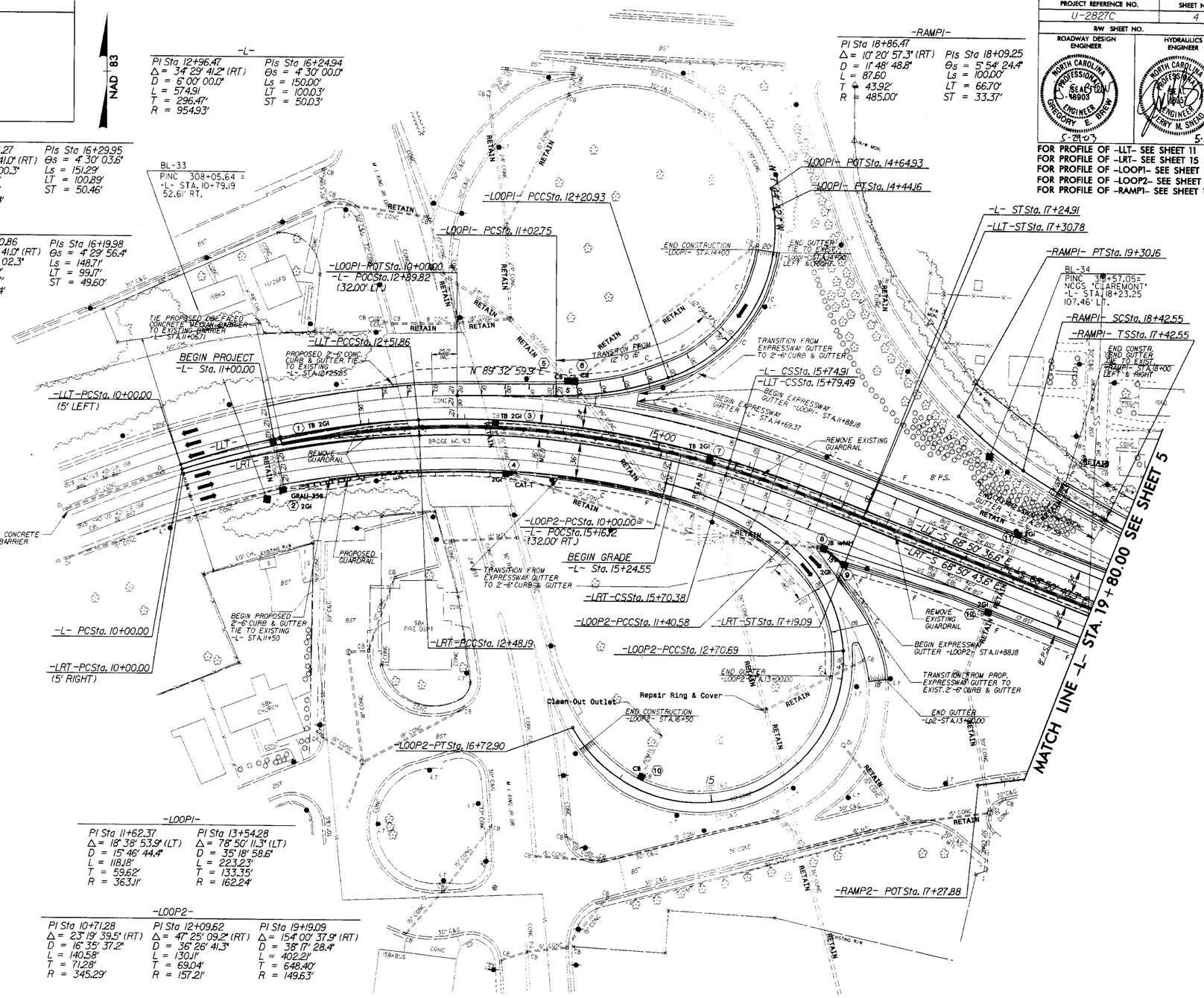
As Custodian of the minutes of the Board of Transportation, I do hereby certify that this is a true and correct copy of Plan Sheet 3-2 of the final plans for Project 8.1622705 U-2827C, said plan sheet, having been approved and adopted by the Boad of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug., 2003 Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug., 2003.

Secretary to Board of Transportation

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	4
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19903 ENGINEER GREGORY E. BRIGH 5-29-03	NORTH CAROLINA PROFESSIONAL SEAL 16465 ENGINEER JERRY M. SHEARIN 5-19-03

FOR PROFILE OF -LLT- SEE SHEET 11
FOR PROFILE OF -LRT- SEE SHEET 15
FOR PROFILE OF -LOOP1- SEE SHEET 21
FOR PROFILE OF -LOOP2- SEE SHEET 21
FOR PROFILE OF -RAMP1- SEE SHEET 19



"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 4 of the final plans for Project 8.1622705 U-2827C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum B to the minutes of the 7 day of Aug, 2003, Board of Transportation mec. 8 on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug, 2003

Secretary to Board of Transportation

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	5
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18903 ENGINEER GREGORY E. BREW 5-29-03	NORTH CAROLINA PROFESSIONAL SEAL 19824 ENGINEER JEFFREY M. SWEAD 5-19-03

FOR PROFILE OF -LLT- SEE SHEET 11
FOR PROFILE OF -LRT- SEE SHEET 15
FOR PROFILE OF -RAMP1- SEE SHEET 19
FOR PROFILE OF -RAMP2- SEE SHEET 19

FOR SOIL NAIL WALL (ALTERNATE 1), SEE STRUCTURE PLANS.
FOR GRAVITY RETAINING WALL (ALTERNATE 2), USE STANDARD DRAWING NO. 842.02.
(ALTERNATE PERTAINS TO RETAINING WALL 1 ONLY)

-LLT-

PIs Sta 23+77.35	PI Sta 29+85.62
Θs = 4° 30' 04.2"	Δ = 29° 57' 02.4" (LT)
Ls = 298.82'	D = 3° 00' 45.4"
LT = 199.28'	L = 994.17
ST = 99.67'	T = 508.72'
	R = 1,901.86'

-LRT-

PIs Sta 23+67.45	PI Sta 29+80.79
Θs = 4° 29' 55.9"	Δ = 29° 57' 03.4" (LT)
Ls = 301.18'	D = 2° 59' 14.9"
LT = 200.85'	L = 1,002.55
ST = 100.45'	T = 513.01'
	R = 1,917.86'

-L-

PIs Sta 23+72.38	PI Sta 29+83.18
Θs = 4° 30' 00.0"	Δ = 29° 57' 03.1" (LT)
Ls = 300.00'	D = 3° 00' 00.0"
LT = 200.06'	L = 998.36
ST = 100.06'	T = 510.87'
	R = 1,909.86'

"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 5 of the final plans for Project B-1622 TIP U-2827C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug. 2003 Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug., 2003.

Secretary to Board of Transportation

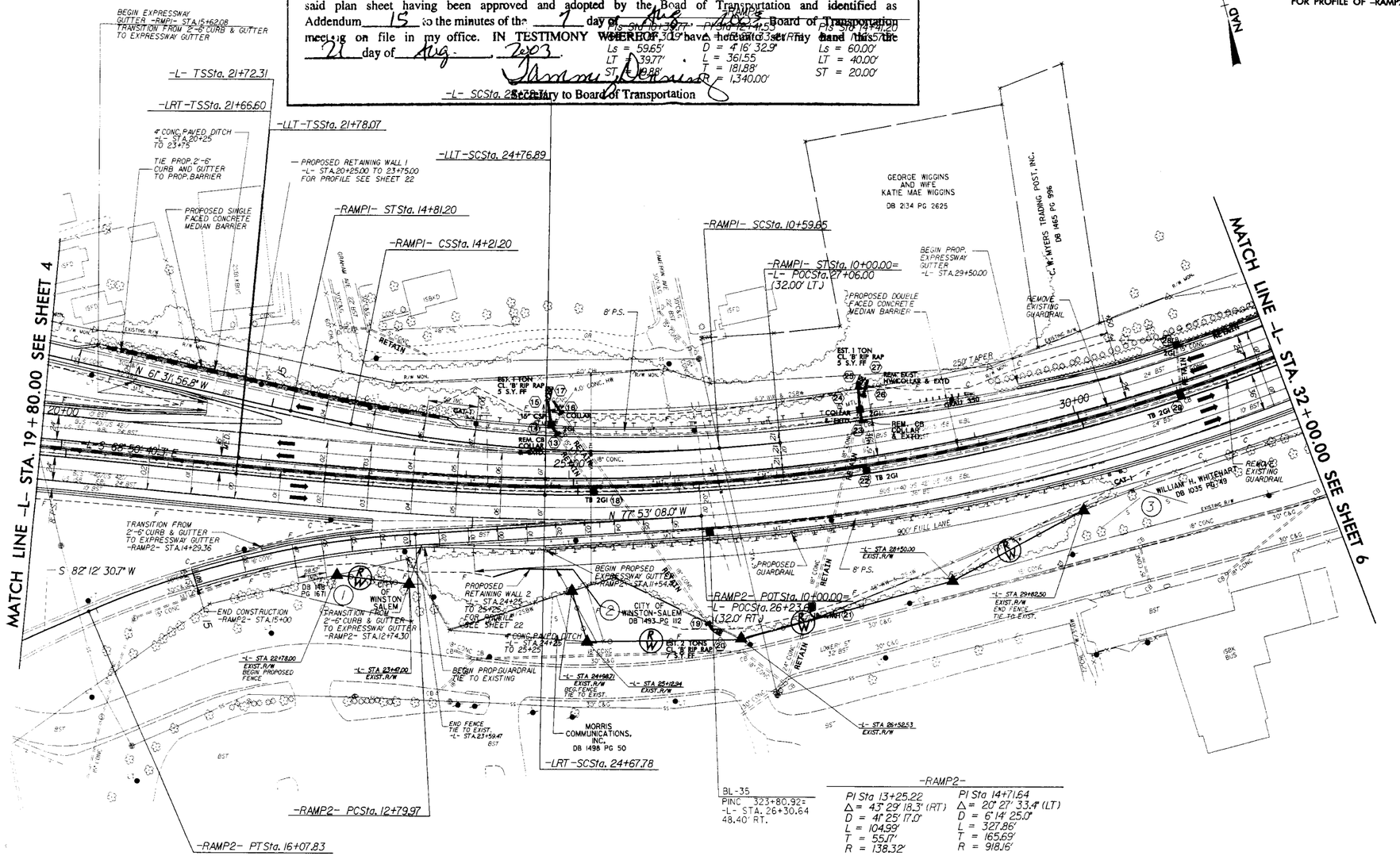
-RAMP1-

PIs Sta 10+39.77	PI Sta 12+14.53
Θs = 4° 16' 32.9"	Δ = 27° 33' 27.8" (RT)
Ls = 59.65'	D = 4° 16' 32.9"
LT = 39.77'	L = 361.55
ST = 19.88'	T = 181.88'
	R = 1,340.00'

-RAMP2-

PIs Sta 14+41.20	
Ls = 60.00'	
LT = 40.00'	
ST = 20.00'	

-L- SCSta. 28+22.50



-RAMP2-

PI Sta 13+25.22	PI Sta 14+71.64
Δ = 43° 29' 18.3" (RT)	Δ = 20° 27' 33.4" (LT)
D = 41° 25' 17.0"	D = 6° 14' 25.0"
L = 104.99'	L = 327.86'
T = 55.17'	T = 165.69'
R = 138.32'	R = 918.16'

REVISIONS

NOTE: REMOVAL OF EXISTING CONCRETE BARRIER RAIL WILL NOT BE A SEPERATE PAY ITEM

-L-

PI Sta 29+83.18	PIs Sta 35+70.74
Δ = 29° 57' 03.1" (LT)	Θs = 4° 30' 00.0"
D = 3° 00' 00.0"	Ls = 300.00'
L = 998.36	LT = 200.06'
T = 510.87'	ST = 100.06'
R = 1,909.86'	

-LLT-

PIs Sta 35+70.71	PI Sta 40+13.81	PI Sta 41+65.38
Θs = 4° 30' 00.9"	Δ = 0° 22' 42.9" (RT)	Δ = 0° 22' 42.5" (LT)
Ls = 298.76'	D = 0° 15' 00.0"	D = 0° 14' 58.1"
LT = 199.24'	L = 151.44'	L = 151.71'
ST = 99.65'	T = 75.72'	T = 75.86'
	R = 22,918.31'	R = 22,967.71'

-LRT-

PIs Sta 35+70.80	PI Sta 40+69.90	PI Sta 43+32.17
Θs = 4° 29' 59.6"	Δ = 0° 39' 20.2" (LT)	Δ = 0° 39' 20.0" (RT)
Ls = 301.25'	D = 0° 15' 00.0"	D = 0° 14' 59.7"
LT = 200.90'	L = 262.25'	L = 262.31'
ST = 100.48'	T = 131.12'	T = 131.15'
	R = 22,918.31'	R = 22,926.10'

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	6
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 18903 ENGINEER GREGORY E. BREW — 5-28-03

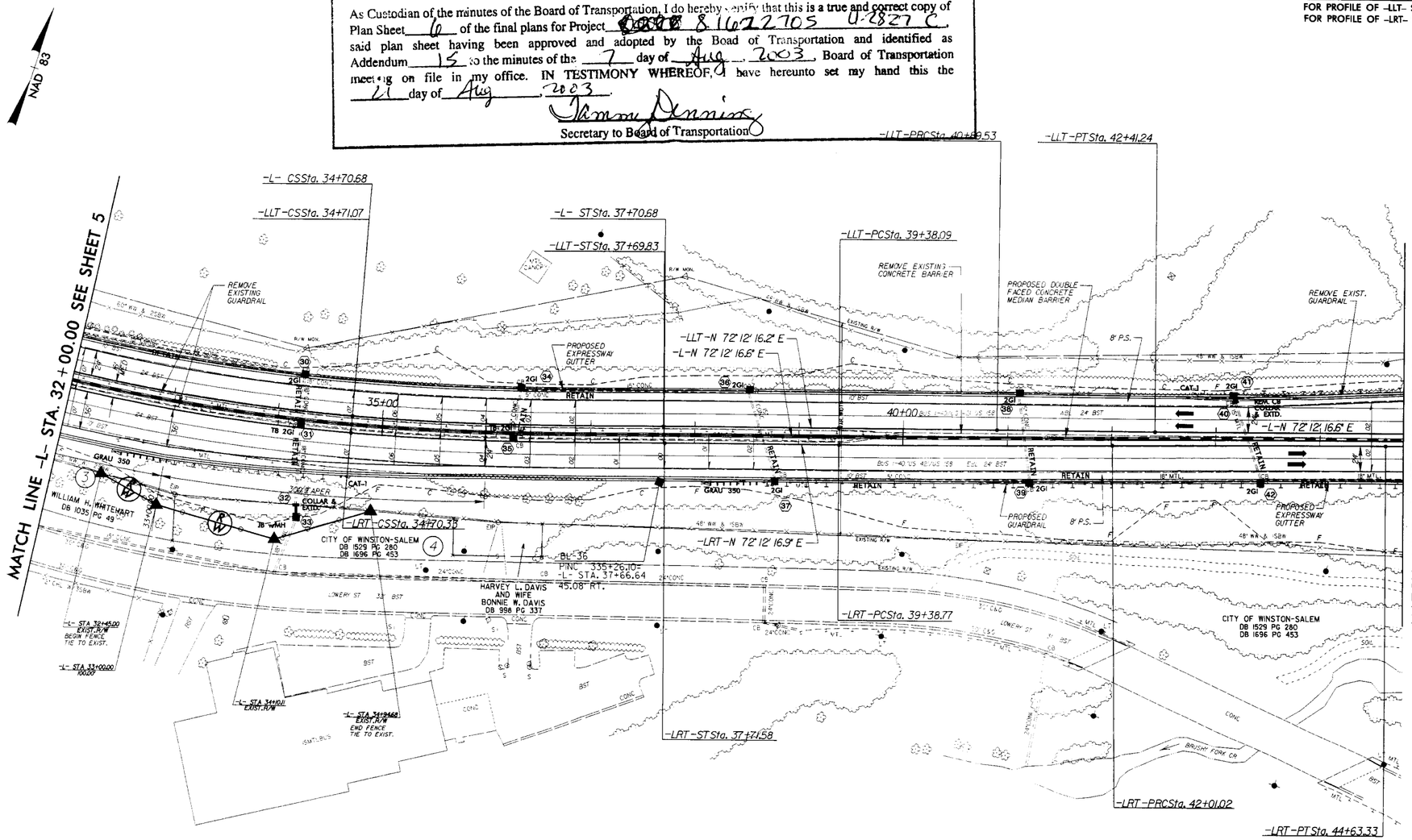
HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 18257 ENGINEER JERRY M. SNEED — 5-19-03

FOR PROFILE OF -LLT- SEE SHEETS 11 & 12
FOR PROFILE OF -LRT- SEE SHEETS 15 & 16

"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 6 of the final plans for Project 8.1622705 U-2827 C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug, 2003, Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug, 2003.

Secretary to Board of Transportation



09 MAY 2003 15:52
R:\Roadway\Proj\2827c_rdwy.dgn
DTPFurgison 01 11(MT-91)

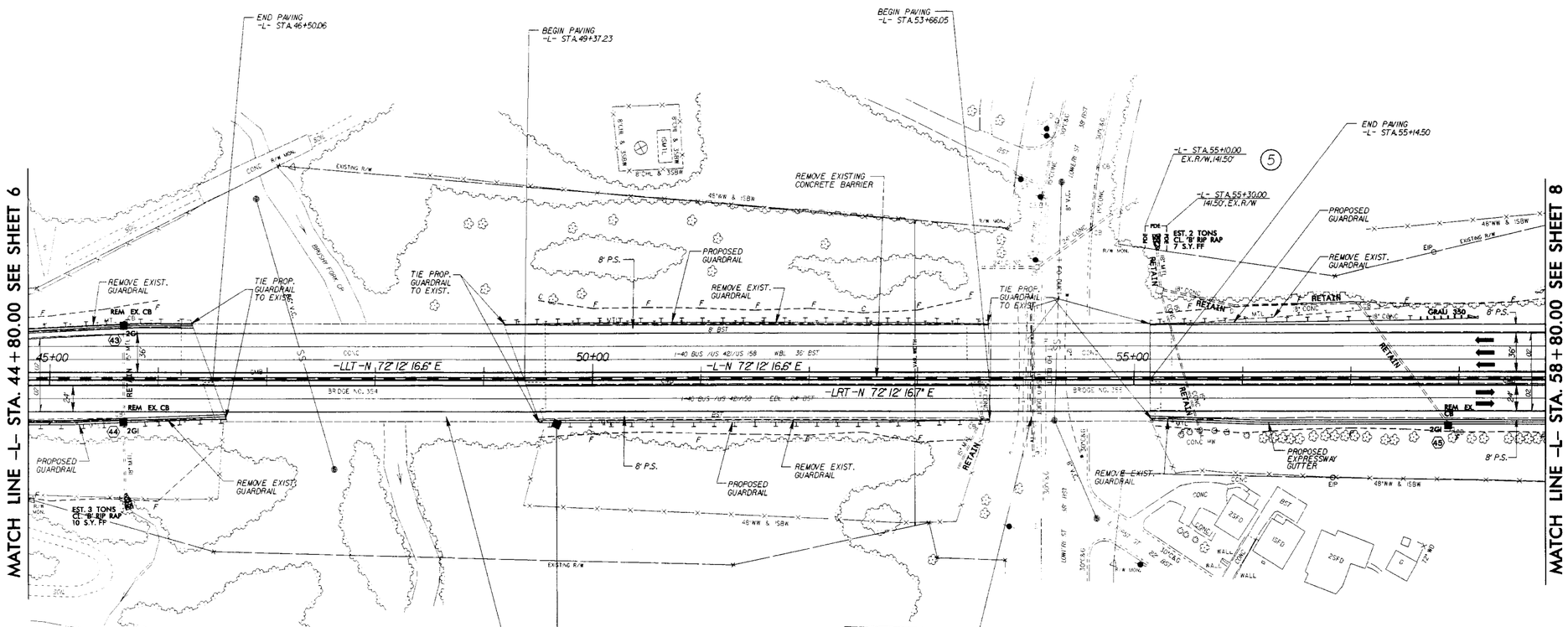
REVISIONS

NOTE: REMOVAL OF EXISTING CONCRETE BARRIER RAIL WILL NOT BE A SEPERATE PAY ITEM

NAD 83

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	7
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18903 ENGINEER GREGORY E. FRESH 5-29-03	NORTH CAROLINA PROFESSIONAL SEAL 19602 ENGINEER JERRY M. SHEAD 5-19-03

FOR PROFILE OF -LLT- SEE SHEET 12
FOR PROFILE OF -LRT- SEE SHEET 16



RETAIN EXISTING BRIDGE NO. 355

"STATE OF NORTH CAROLINA • COUNTY OF WAKE"

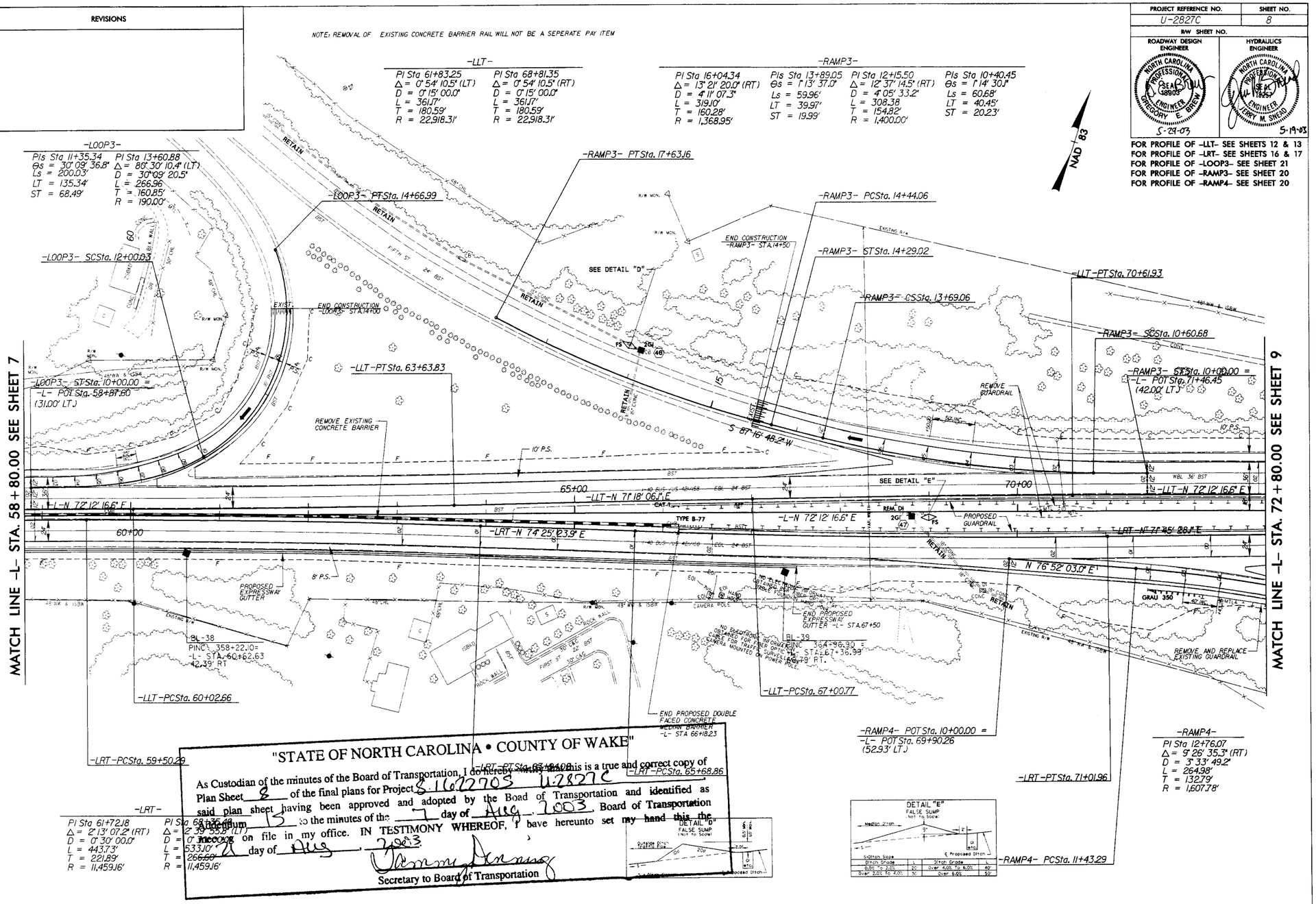
As Comedian of the minutes of the Board of Transportation, I do hereby certify that this is a true and correct copy of Plan Sheet 7 of the final plans for Project 8.1602705 U-2827C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug., 2003, Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug., 2003.

Secretary to Board of Transportation

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038905 ENGINEER GREGORY E. BRISON 5-24-03	NORTH CAROLINA PROFESSIONAL SEAL 19857 ENGINEER JERRY M. SHEAD 5-19-03

FOR PROFILE OF -LLT- SEE SHEETS 12 & 13
FOR PROFILE OF -LRT- SEE SHEETS 16 & 17
FOR PROFILE OF -LOOP3- SEE SHEET 21
FOR PROFILE OF -RAMP3- SEE SHEET 20
FOR PROFILE OF -RAMP4- SEE SHEET 20



"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 8 of the final plans for Project 8.1602703 U-2827C and identified as said plan sheet having been approved and adopted by the Board of Transportation and said plan sheet having been approved and adopted by the Board of Transportation 15 to the minutes of the 7 day of Aug. 2003. Board of Transportation minutes on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug. 2003.

Secretary to Board of Transportation

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	9
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18903 ENGINEER GREGORY E. BREW 5-29-03	NORTH CAROLINA PROFESSIONAL SEAL 18257 ENGINEER JERRY M. SNEAD 5-19-03

FOR PROFILE OF -LLT- SEE SHEET 1
FOR PROFILE OF -LRT- SEE SHEET 17
FOR PROFILE OF -RAMP4- SEE SHEET 20
FOR PROFILE OF -RAMP5- SEE SHEET 21

"STATE OF NORTH CAROLINA • COUNTY OF WAKE"

I, the undersigned, do hereby certify that this is a true and correct copy of the minutes of the Board of Transportation, I do hereby certify that this is a true and correct copy of Plan Sheet 9 of the final plans for Project 8.1622205 U-2827C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug., 2003, Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug., 2003.

Secretary to Board of Transportation

NAD 83

-LRT-
PI Sta 84+61.33
Δ = 0° 26' 48.6" (RT)
D = 0° 15' 00.0"
L = 1873'
T = 936.36'
R = 22,918.3'

DETAIL "E"
FALSE SUMP
(Not To Scale)

Ditch Grade	L	Ditch Grade	L
0.0% To 2.0%	20'	Over 4.0% To 6.0%	40'
Over 2.0% To 4.0%	30'	Over 6.0%	50'

BL-40
PINC 375+97.56=
-L- 78+36.02
6.84' RT.

BL-41
PINC 383+13.44=
-L- STA. 85+51.89
3.38' RT.

-L- STA.79+55.00
EX.R/W,180.50'

-L- STA.79+80.00
180.50', EX.R/W

MATCH LINE -L- STA. 72+80.00 SEE SHEET 8

MATCH LINE -L- STA. 86+80.00 SEE SHEET 10

75+00

80+00

85+00

-LLT-N 72° 12' 16.6" E

-L-N 72° 12' 16.6" E

-LRT-N 71° 45' 28.1" E

-LRT-PT Sta. 85+50.69

-LRT-PCSta. 83+71.96

S 41° 53' 14.5" W

-RAMP4-
PI Sta 15+30.33
Δ = 17° 42' 00.0" (RT)
D = 7° 18' 30.0"
L = 242.19'
T = 122.07'
R = 783.98'

-RAMP4- PCCSta. 14+08.27

-RAMP4- PTSta. 16+50.45

-RAMP5- PTSta. 16+83.07

-RAMP5- POTSta. 17+31.55

-RAMP5- SCSta. 11+00.16

-RAMP5-
PI Sta 13+97.48
Δ = 27° 49' 54.5" (LT)
D = 4° 46' 28.7"
L = 582.91'
T = 297.32'
R = 1,200.00'

PIs Sta 10+66.78
Θs = 2° 23' 28.1"
Ls = 100.16'
LT = 66.78'
ST = 33.39'

PDE
EST. 2 TONS
CL. 'B' RIP RAP
7 S.Y. FF

6 UNKNOWN

REMOVE GUARDRAIL

SEE DETAIL "E"

PROPOSED GUARDRAIL

REM. DI, COLLAR & EXTD

GRAU 350

CAT-I

RETAIN

REMOVE AND REPLACE EXISTING GUARDRAIL

END CONSTRUCTION -RAMP4- STA.16+00, END PROPOSED GUARDRAIL TIE TO EXISTING

END CONSTRUCTION -RAMP5- STA.15+00

19-MAY-2003 09:50
jlb:Proj:bu/U/U2827
jlb:Hydro
AT RDBTS010

REVISIONS

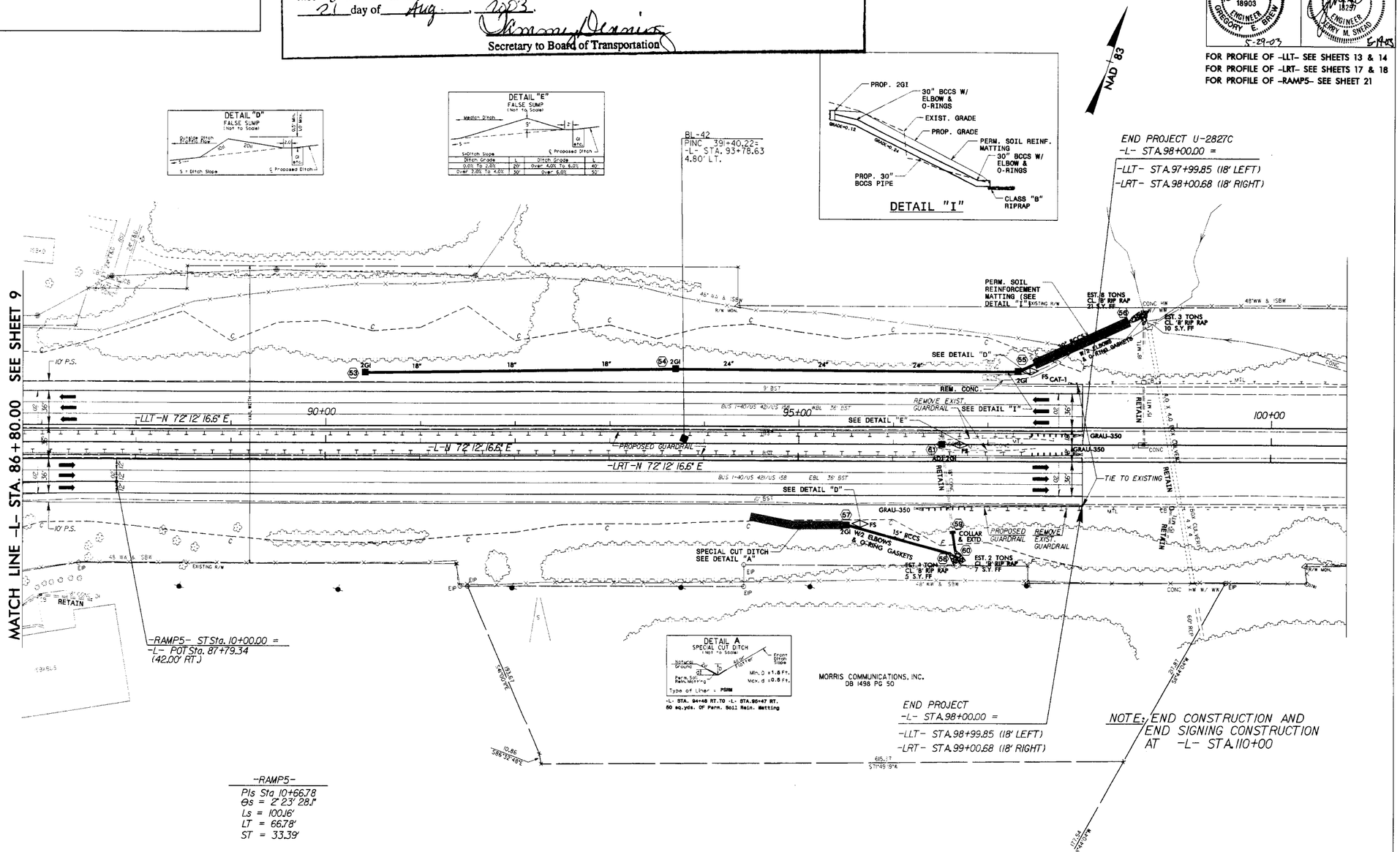
"STATE OF NORTH CAROLINA • COUNTY OF WAKE"

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 10 of the final plans for Project B-4022/U-2827C, said plan sheet having been approved and adopted by the Board of Transportation and identified as Addendum 15 to the minutes of the 7 day of Aug., 2003, Board of Transportation meeting on file in my office. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 21 day of Aug., 2003.

Secretary to Board of Transportation

PROJECT REFERENCE NO.	SHEET NO.
U-2827C	10
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18903 ENGINEER GREGORY E. BREW 5-29-03	NORTH CAROLINA PROFESSIONAL SEAL 18297 ENGINEER JERRY M. SHEAD 5-14-03

FOR PROFILE OF -LLT- SEE SHEETS 13 & 14
FOR PROFILE OF -LRT- SEE SHEETS 17 & 18
FOR PROFILE OF -RAMP5- SEE SHEET 21



19 MAY 2003 (9:35)
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D:\Bentley\Wv\82.25\10.dgn