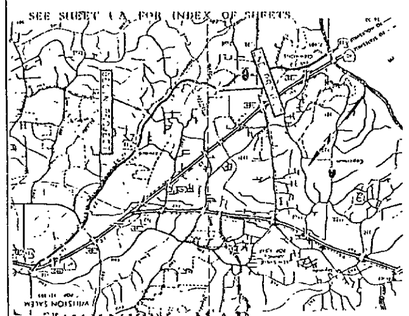
508

UD# U-2311 C.



VICINITY MAP

PROJECT NO	ROAD NUMBER
9.8091812	U.S. 158
SECONDARY ROAD	S.R. 1120 (JONESTOWN) S.R. 1112 (DUNN ST)

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

FORSYTH

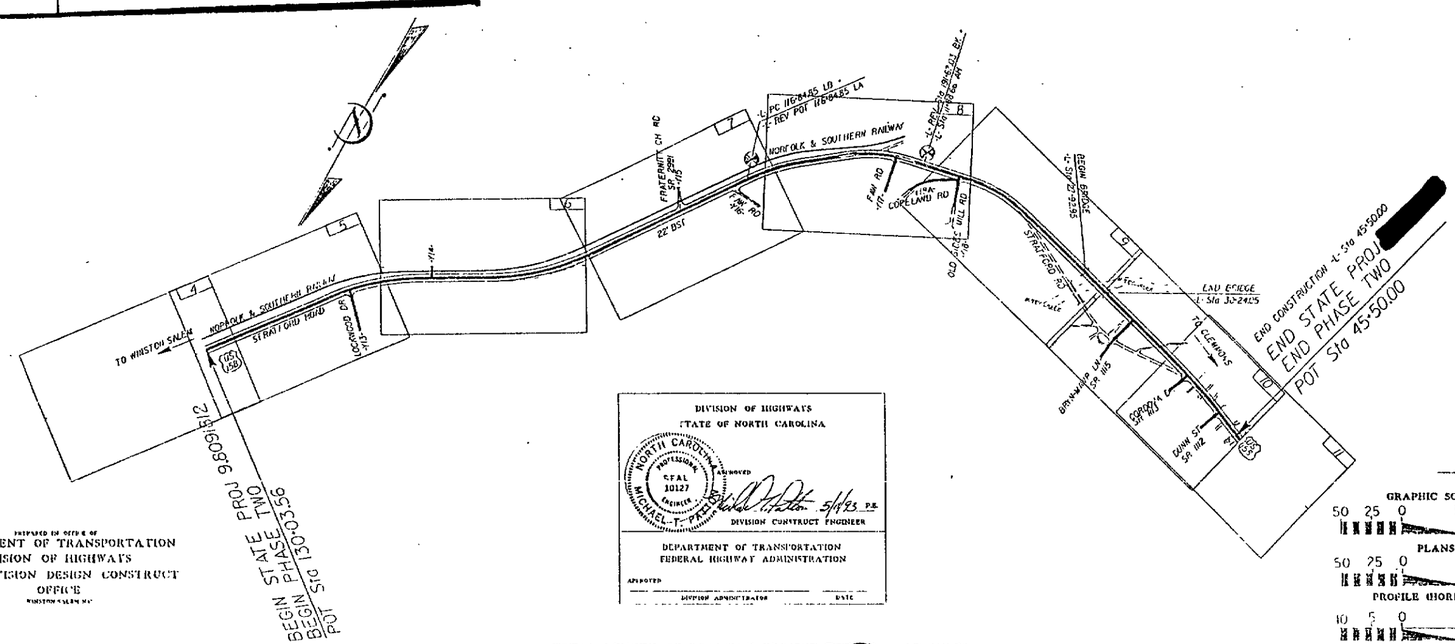
LOCATION : FROM JONESTOWN ROAD TO POINT 238 FEET PAST DUNN STREET

TYPE OF WORK : GRADING, DRAINAGE, PAVING, CURB AND GUTTER, THERMOPLASTIC PAVEMENT MARKINGS, AND STRUCTURE

STATE	STATE PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	[redacted]	1	88
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
9.8091812		[redacted] - R/W	

CONVENTIONAL SYMBOLS

County Line
City or Town Line
Exist. Right of Way Line Marker
Prop. Right of Way Line Marker (By Others)
Prop. Right of Way Line Marker (By Contract)
Exist. Control of Access Line
Prop. Control of Access Line
Property Line
Easement Line
Slope Stake Line
Exist. Fence
Prop. Woven Wire Fence
Prop. Chain Link Fence
Exist. Road
Prop. Road
Guardrail
Survey Line
Denotes Line Equality
Bridge
Culvert
Railroad
Woods
Exist. Telephone Pole
Prop. Telephone Pole
Tower Pole and Line
Exist. Power Pole
Prop. Power Pole
Sanitary Sewer Line
Water Line
Gas Line
Prop. Wheelchair Ramp
Pavement Removal



PROFILE

PREPARED IN OFFICE OF
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
NINTH DIVISION DESIGN CONSTRUCT OFFICE
WINSTON-SALEM, N.C.

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
NORTH CAROLINA PROFESSIONAL SEAL 10127 ENGINEER
APPROVED
MICHAEL T. FAGAN 5/4/93 P.E.
DIVISION CONSTRUCT ENGINEER

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED
DIVISION ADMINISTRATOR DATE

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	1999	=	12,300
ADT	2010	=	22,800
DHV	10%		
D	60%		
T	3%		
V	35 - 45	mph	

TOTAL LENGTH OF ROADWAY PROJECT [redacted] = 1.76 MILES
TOTAL LENGTH OF STRUCTURE PROJECT [redacted] = 0.04 MILES
TOTAL LENGTH OF STATE PROJECT [redacted] = 1.80 MILES

LETTING DATE: AUGUST 17, 1993

1990 STANDARD SPECIFICATIONS

/usr/Winston/u2311c/title.dgn May 3, 1993 15:20:37

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, [signature], do hereby certify that this is a true and correct copy of Plan Sheet 8 of the final plans for Project 9.8091812 as identified in Addendum 1 of the minutes on file in my office, Board of Transportation, Raleigh, N.C. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 1993.

DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation

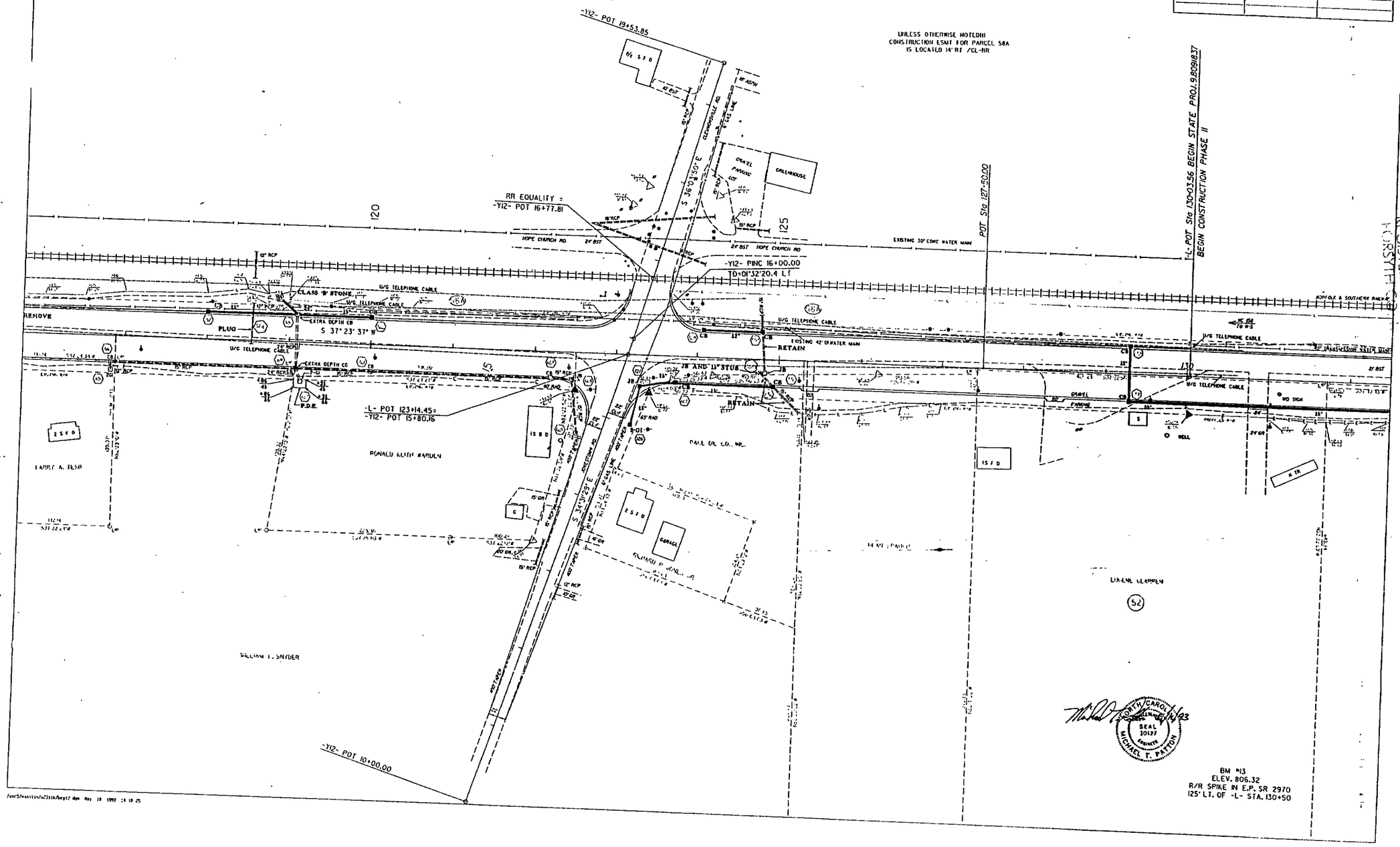
PRESENTED FOR REGISTRATION
RECORDED
'93 OCT -7 P3:12
L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO.

Janet Bottom
$5.00

509

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091037	4	

STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION



L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO.
'93 OCT -7 P3:12

DOCUMENT OF TRANSPORTATION
PRESENTED FOR
REGISTRATION
AND RECORDED

Chairman of Board of Transportation

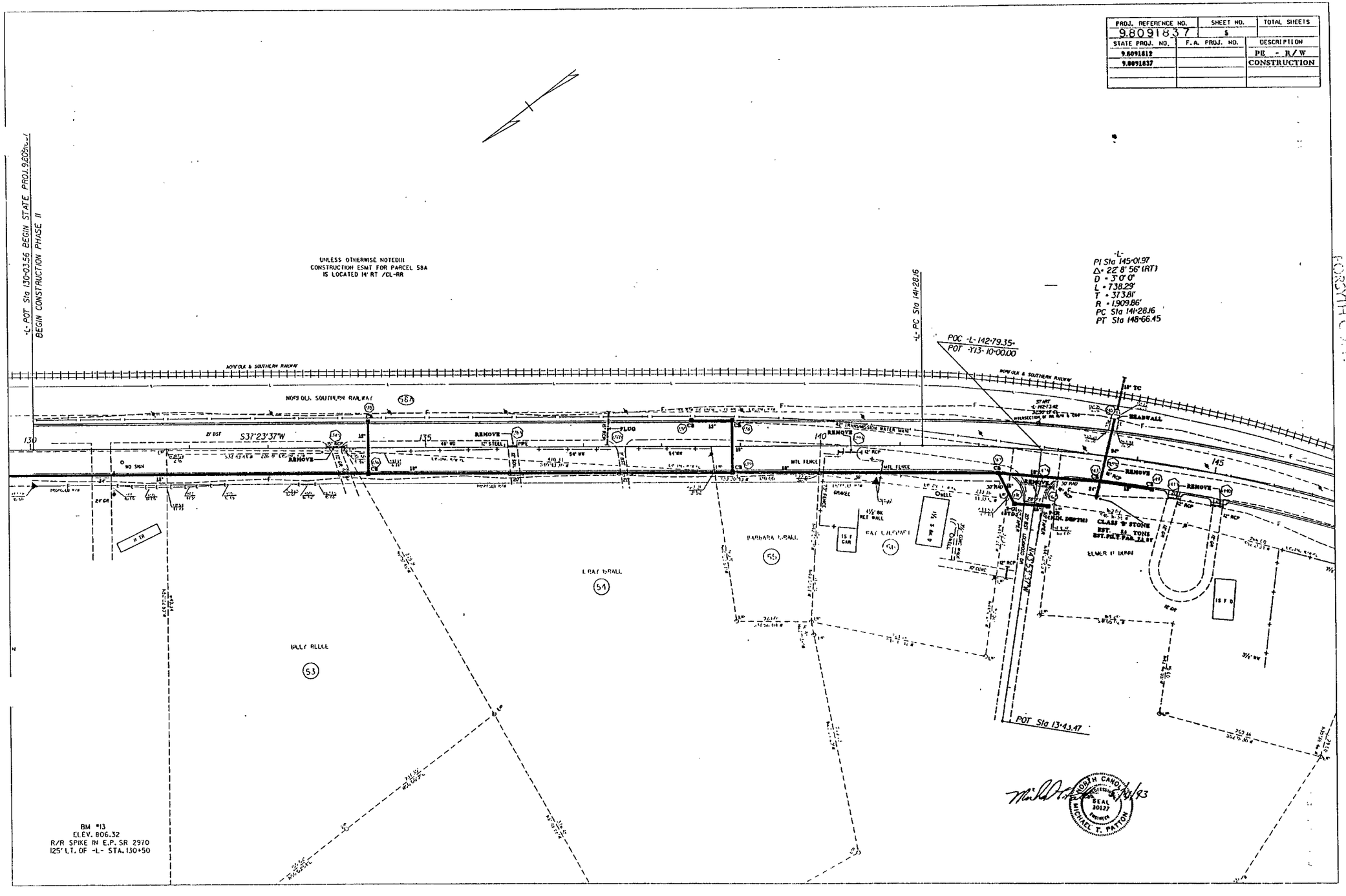
Janet Bottoms
$5.00 pd

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, Janice Wright, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812, identified as Addendum 8 to the minutes on file in my office of the 3rd day of SEPT 19 93, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

510

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091837	5	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION



"STATE OF NORTH CAROLINA - COUNTY OF WAKE".

I, Gaudens Wiggins, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812, identified as of Plan Sheet 5 to the minutes on file in my office of the 3 day of SEPTEMBER Addendum 8 19 93, Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

Gaudens Wiggins

Secretary to the Board of Transportation

PRESENTED FOR REGISTRATION AND RECORDED

SEP 17 P3:12

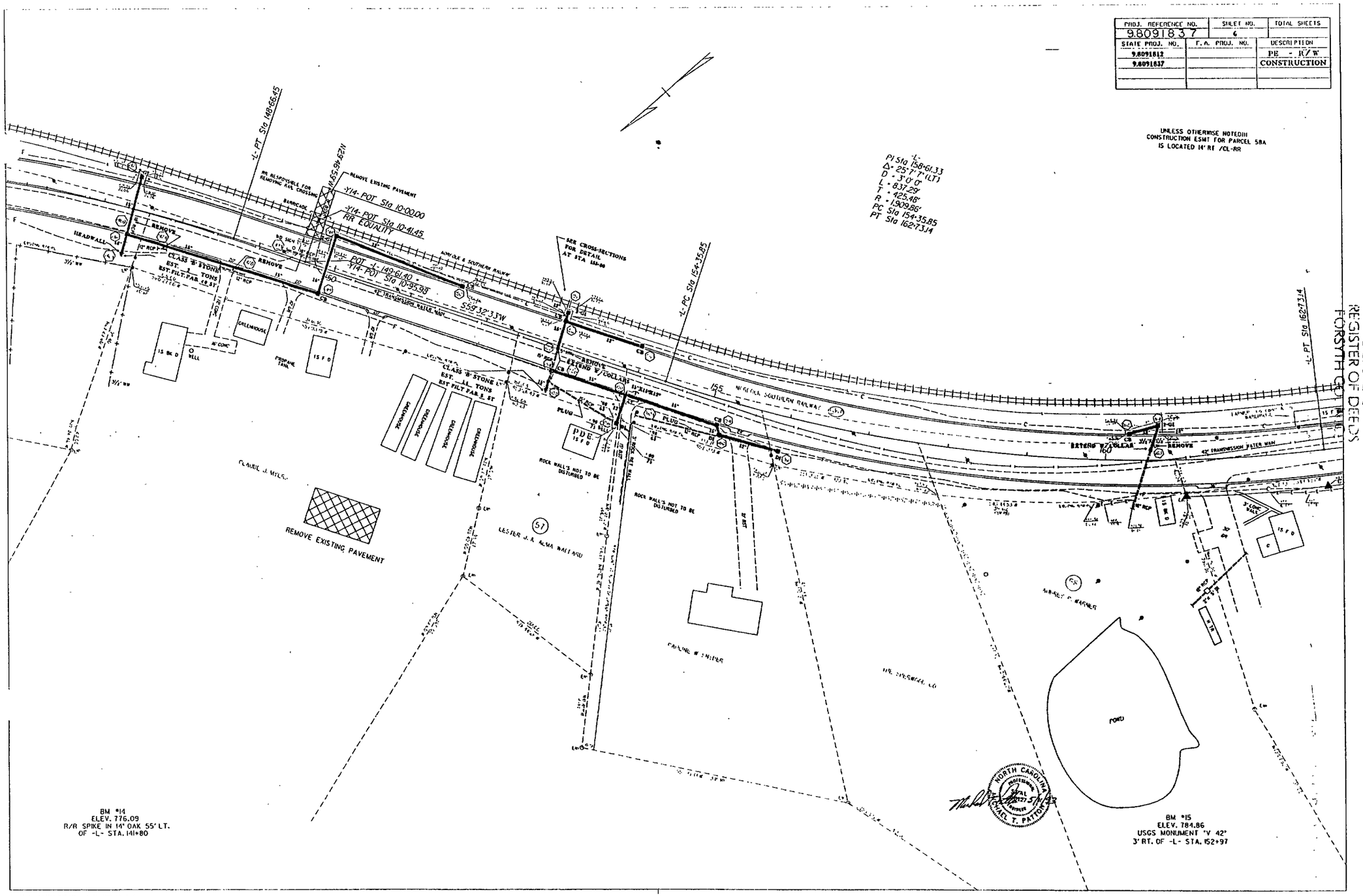
LE SPEAS
REGISTER OF DEEDS
FORSYTH COUNTY

Garnet Bottoms

#5000

511

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091837	6	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION



/usr5/winston/w2311h/p56 dgn Aug 11, 1993 09 15 40

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

I, Nancy Wright, do hereby certify that this is a true and correct copy of Plan Sheet 6 of the final plans for Project 9.809 1812 identified as Addendum 3 to the minutes on file in my office of the Board of Transportation, this the 2 day of SEPTEMBER, 19 93.

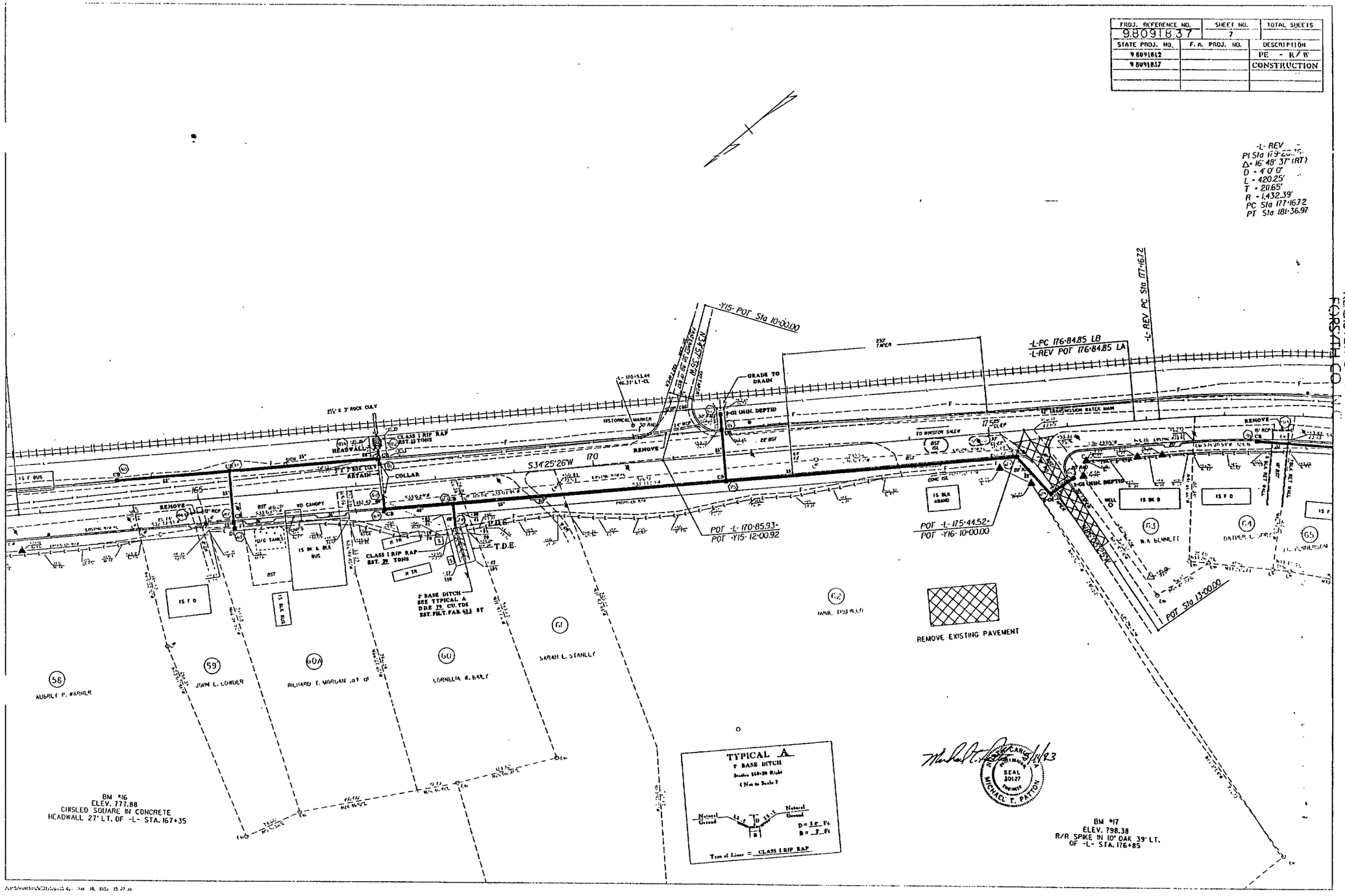
IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

Nancy Wright
Custodian of Minutes of Board of Transportation

DEPARTMENT OF TRANSPORTATION
1993 OCT -7 PM 3:00
PRESENTED FOR REGISTRATION AND RECORDED
Janet Bottoms
L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO.

512

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091837	7	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION



L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO.

'93 OCT -7 P3:12

PRESENTED FOR
REGISTRATION
RECORDED
Verified
Indexed
as
Cross Ref.

DEPARTMENT OF TRANSPORTATION
Division of Highways of Board of Transportation

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

Buckner Wagoner, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812 identified as Adopted 19 93 Board of Transportation meeting. IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

Janet Bottoms
$5.00 pd.

513

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091837	8	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION

UNLESS OTHERWISE NOTED!!!
CONSTRUCTION ESMT FOR PARCEL 58A
IS LOCATED 14' RT /CL-RR

-L- REV
PI Sta 186+17.78
Δs = 9° 0' 0"
Ls = 300.00'
Rc = 954.93'
Dc = 6° 0' 0"
Ys = 15.68'
Xs = 299.26'
P = 3.92
K = 149.88'
LT = 200.26'
ST = 100.24'
TS Sta 184+17.52
ST Sta 187+17.52

-L- REV
PI Sta 187+92.43
Δ = 8° 58' 13" (RT)
D = 6° 0' 0"
L = 149.51'
T = 74.91'
R = 954.93'
PC Sta 187+17.52
PT Sta 188+67.03

-L- REV
PI Sta 189+67.26
Δs = 9° 0' 0"
Ls = 300.00'
Rc = 954.93'
Dc = 6° 0' 0"
Ys = 15.68'
Xs = 299.26'
P = 3.92
K = 149.88'
LT = 200.26'
ST = 100.24'
TS Sta 188+67.03
ST Sta 191+67.03

-L- REV PT Sta 181+35.97
-L- REV TS Sta 184+17.52
-L- REV SC Sta 187+17.52
-L- REV CS Sta 188+67.03
-L- TS Sta 14+62.9

EQUATION:
-L- REV Sta 191+67.03 BK
-L- POT Sta 11+86.66 AH

POS -L REV- 189+41.45-
POT -Y17- 10+00.00 BST PARKING

POT -Y18- 10+26.60-
POT -Y18A- 10+00.00

LATERAL "V" DITCH
W/CLASS "B" STONE
EST. 31 TONS
FROM STA 18+71
TO STA 14+10
SEE TYPICAL B
EST.DDS 31 CY
EST.FILT.FAB 37 SY

-Y18A-
PI Sta 12+94.15
Δ = 38° 19' 27" (LT)
D = 15° 16' 35"
L = 250.87'
T = 130.33'
R = 375.06'
PC Sta 11+63.82
PT Sta 14+14.69

-Y18A- PC Sta 11+63.82
-Y18A- PT Sta 14+14.69
-Y17- POT Sta 13+00.00
POT Sta 13+00.00

S57°14'00"W
S78°12'16"W
N59°11'25"E

REMOVE EXISTING PAVEMENT

TYPICAL B
LATERAL "V" DITCH
(Not to Scale)
Natural Ground — Natural Ground — Min. D = 1 Ft.
Type of Liner: CLASS "B" STONE

DM #18
ELEV 765.54
CHISLED SQUARE IN NW CORNER
OF CONCRETE SLAB 54' LT OF
-L- STA. 189+14

L.E. SPEAS
REGISTER OF DEEDS
FORSYTH CO., N.C.

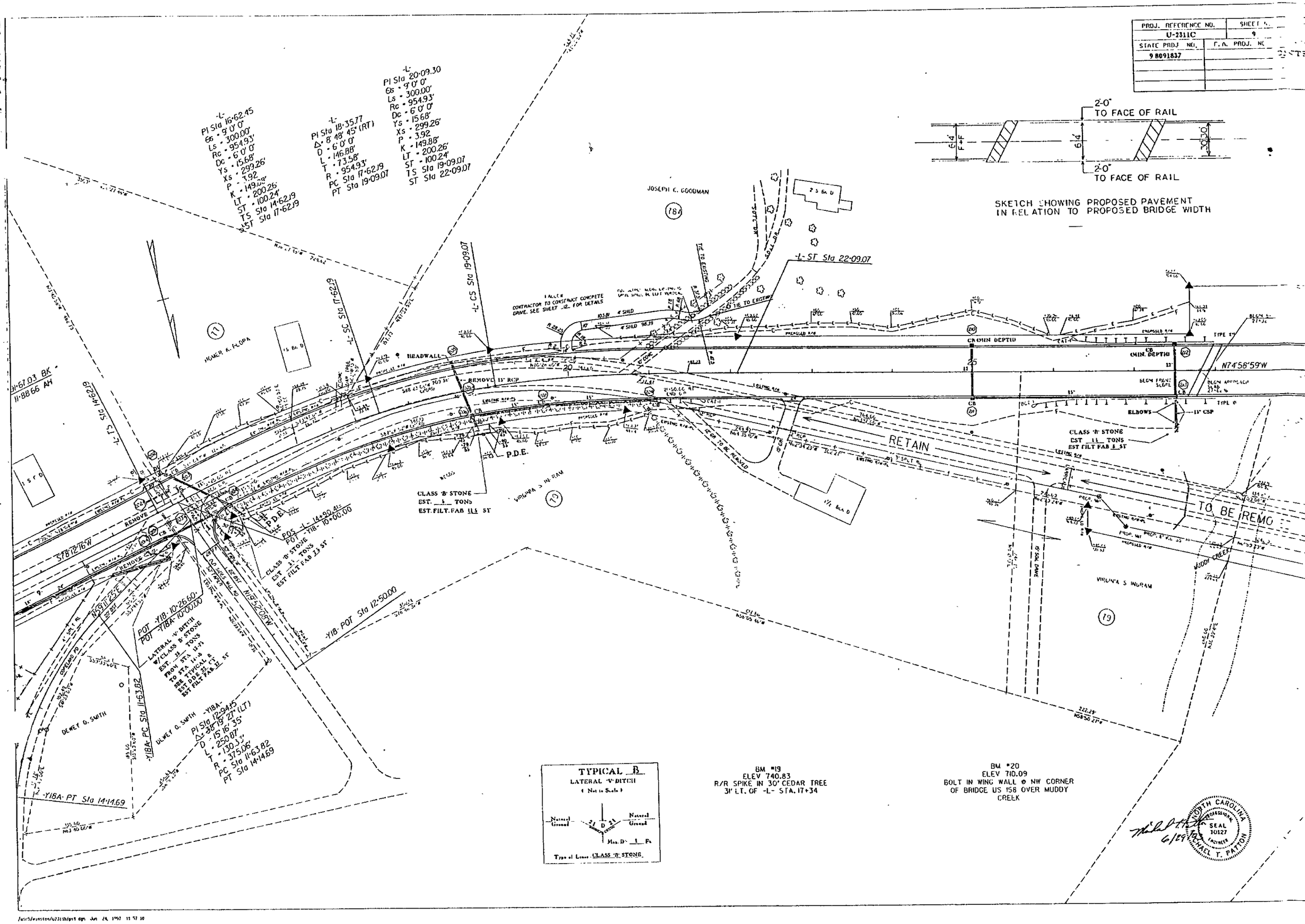
PRESENTED FOR
REGISTRATION
AND RECORDING
'93 OCT -7 AM 9:13
DEPARTMENT OF TRANSPORTATION
Custodian of Minutes of Board of Transportation
Janet Bottoms
$5.00 pd.

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"
do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812, identified as Plan Sheet 8 of Addendum 8 to the minutes on file in my office of the Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.
of Plan Sheet 8 of Addendum 8 to the minutes on file in my office of the Board of Transportation meeting, IN TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

SEAL 30127 MICHAEL T. PATTON

/usr5/winston/b2318b/ps16 dgn May 10, 1993 16:12:02

PROJ. REFERENCE NO.	SHEET NO.
U-2311C	9
STATE PROJ. NO.	F.A. PROJ. NO.
9 8091837	



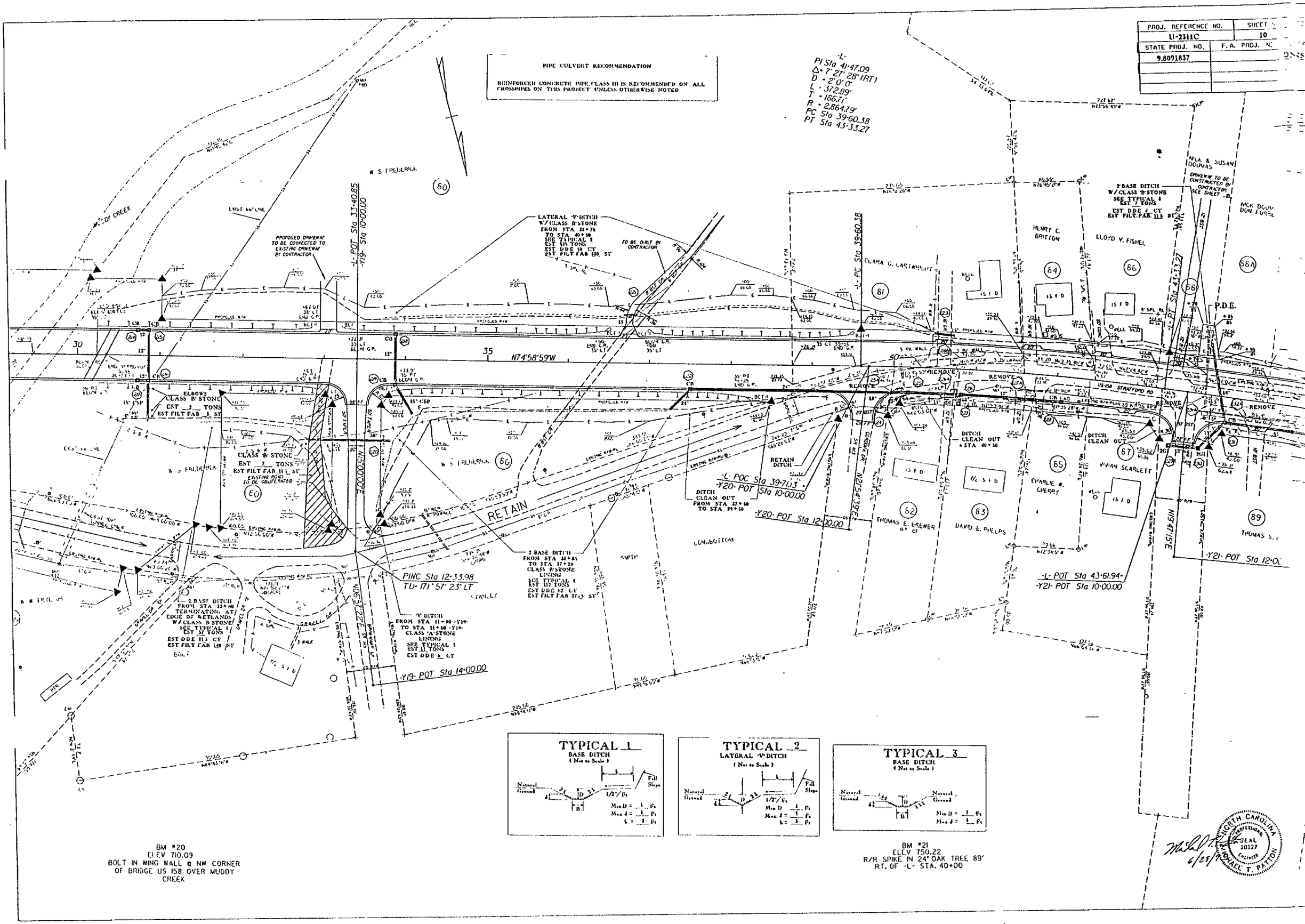
/usr5/ernston/u2311b/ps9 dgn Jun 24, 1992 11:57:10

PROJ. REFERENCE NO.	SHEET
U-2311C	10
STATE PROJ. NO.	F.A. PROJ. NO.
9.8091837	

PIPE CULVERT RECOMMENDATION

REINFORCED CONCRETE PIPE, CLASS III IS RECOMMENDED ON ALL CROSSPIPES ON THIS PROJECT UNLESS OTHERWISE NOTED

-L-
PI Sta 41+47.09
Δ = 7° 27' 28" (RT)
D = 2° 0' 0"
L = 372.89'
T = 186.71'
R = 2,864.79'
PC Sta 39+60.38
PT Sta 43+33.27



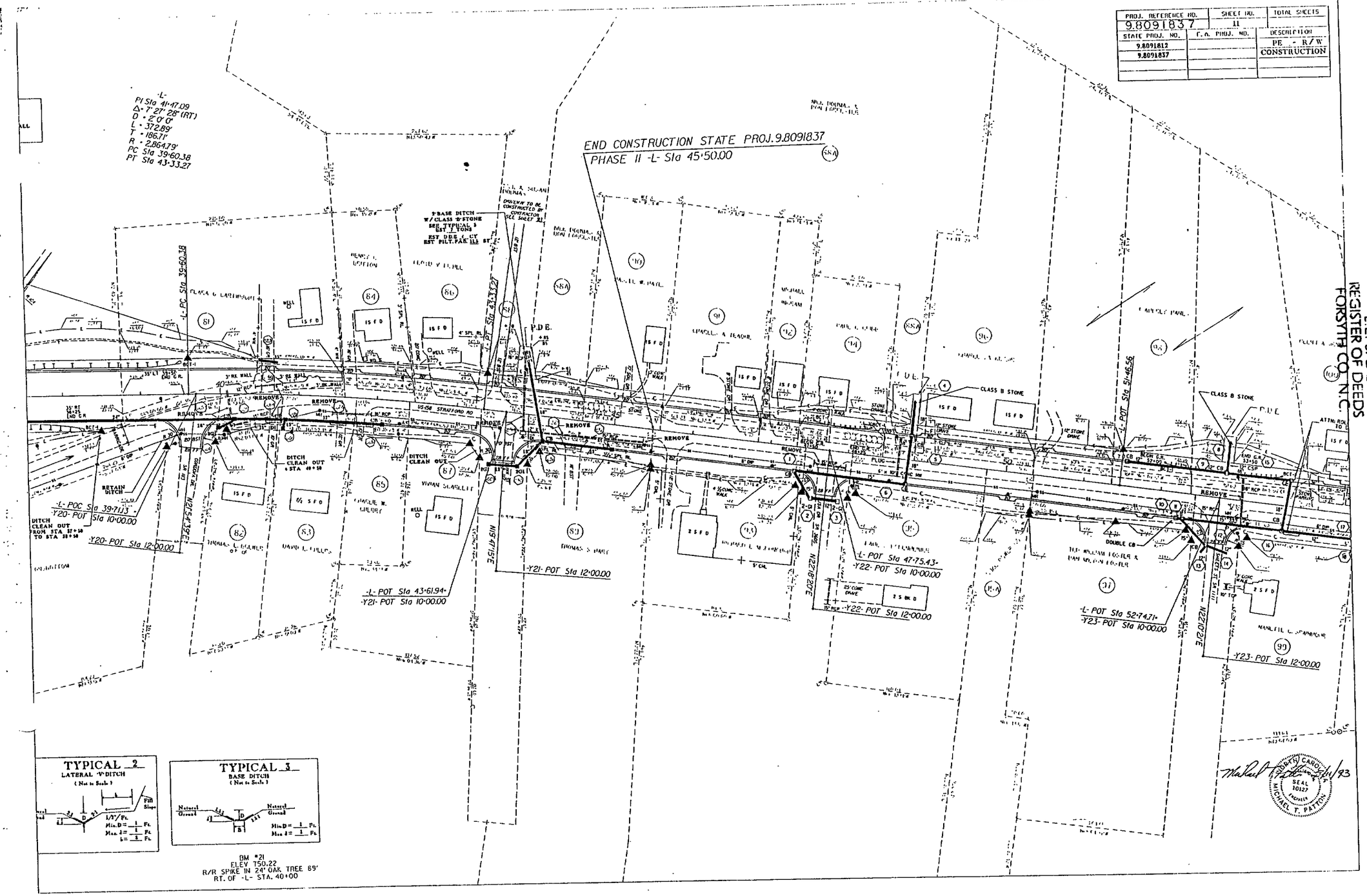
BM #20
ELEV 710.09
BOLT IN WING WALL @ NW CORNER OF BRIDGE US 158 OVER MUDDY CREEK

BM #21
ELEV 750.22
R/R SPIKE IN 24" OAK TREE 89' RT. OF -L- STA. 40+00

/user/ftp/mtson/u2311c/rest.dgn Jun 24, 1993 11:06:44

516

PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
9.8091837	11	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
9.8091812		PE - R/W
9.8091837		CONSTRUCTION



L. E. SPEAS
REGISTER OF DEEDS
FORSYTH CO., N.C.

'93 OCT -7 P 3:12

PRESENTED FOR REGISTRATION
RECORDED

Janet Bottoms
$5.00

"STATE OF NORTH CAROLINA - COUNTY OF WAKE"

Pauline Wright, do hereby certify that this is a true and correct copy of the final plans for Project 9.8091812 identified as Addendum 8 to the minutes on file in my office of the Secretary to the Board of Transportation, Department of Transportation, Raleigh, NC, TESTIMONY WHEREOF, I have hereunto set my hand this the 13 day of SEPTEMBER, 19 93.

Pauline Wright
Secretary to the Board of Transportation